

LMS 10.x User Guide

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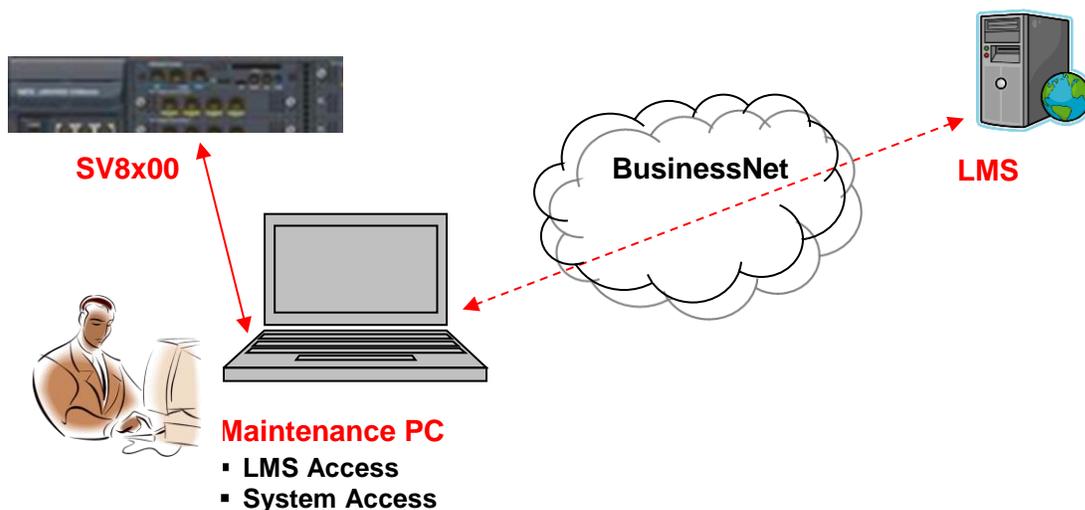
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LMS General

LMS “License Management Server” in a nutshell

Using LMS - picture



LMS functions

The License Management Server (LMS) is a Web based Tool for NEC products which:

- delivers licenses to the Business Partner
- keeps administration of licenses (attached or activated)
- delivers software assurance (SWA) units to the Business Partner
- keeps administration of SWA units (available and assigned)

License shipping

When Licenses have been ordered at NEC and the order is being processed the licenses will be ‘shipped’ by NEC to the Licenses Bin (License Administration Page) of the Business Partner.

The User will receive an E-mail notification from BusinessNet.

SWA Unit shipping

When SWA Units have been ordered at NEC and the order is being processed the SWA Units will be ‘shipped’ by NEC to the SWA Units Bin (Software Assurance Page) of the Business Partner.

The User will receive an E-mail notification from BusinessNet.

LMS User accounts and Login

A Business Partners User will obtain an LMS User account, dependant if LMS User role is assigned (NEC).

Login LMS is done via BusinessNet via Order Management – License Generator and then click on the LMS button.

LMS Pages

Once logged in LMS the User has access to the Business Partners own License environment, comprising:

- Customer Administration Page
- License Administration Page
- Tools Page
- Software Assurance Page (only visible with SWA User role)
- Home page
- Help page

Customer Administration Page

After login select the Customer Administration Page and click '+' to add (create) a new customer. Enter the details you want (some are mandatory).

For each Customer you can create one or more Customer Locations. Click on the '+' to add new Customer Locations.

Enter the details you want (some are mandatory), System and Hardware Key code are the most important ones.

License Administration Page

When the new customer has been created, then select the License Administration Page. Select the Purchase Order and attach licenses wanted (selected quantity can be changed).

Customer Licenses Page

On the Customer Licenses Page you can activate the attached licenses.

Before activation you may detach one or more licenses; these will be returned to the License Bin of the Business Partner.

After activation licenses cannot be detached anymore.

Tools Page

The Tools page is used for search and look-up functions

Software Assurance Page (only visible with SWA Distributor or SWA Dealer role)

On the Software Assurance page the purchased SWA Units, free to be assigned, are displayed.

Furthermore the Prospective SWA Locations can be viewed; these are the Locations with activated licenses, which have no SWA assigned yet.

Home Page

The Home Page displays some shortcuts to pages mentioned above

Help Page

The Help Page is "online help" on various procedures within LMS

Licenses and SWA Units “stacking”

The general principle of LMS is: licenses can just be added to each other.

This is applicable for all licenses

- Licenses with a quantity; e.g. 5 x 20 seats + 20 seats = 120 seats
- License indicating a version; e.g. V3 + V4 + V6 =V6

Same is applicable to SWA Units.

License expansion

Expansion of licenses can be accomplished by just adding licenses.

In most situations SWA Units need to be (and can be) added as well.

Products supported and Hardware Key Code formats (examples)

The licenses for following system types are created and administered by LMS

System Type	Hardware Key Code format (examples)
SL1000 / SL1100	280001451316
SL2100	3810004626AD
SV8100 / BCT	190400324412
SV9100 CP10	340209224568
SV9100 CP20	4410011575A6
SV8300	18CYG-IPS-00000000BJZ02319QK
SV9300	36LYRAABK000000000CP10A087HY
SV8500	22CC538207AFD058020640CD57xO
SV8500 (SR-MGC)	22-121126064636-613-TEMP-KEY
SV9500 Standard Server Model	35G00N360103F0S0007490B6E0yQ, after entering IP address 123.0.0.105
SV9500 Application Server Model	35G00N470108E0S0A8832EF2d3Po
SV9500 Small Enterprise Model	MAC Address 6CE4DA01378C -> Result HWKC 351A488E8B068683DFC26C7DDCKe
IS3000 / SIP@Net Server (Dongle) (CPU3000) (CIE-2) (Dongle less)	aa0014SA2792883418AA aa0024IC960002104009xxx12345AA aa0024IA956215554211xxx12345AA aa0016HN242703562600AA, after entering FCN hvpc030pbx.devlnec.local
3C / BCT or 3C CAT2 / BCT	3CB6CE81EECE, after entering domain name
DECT	1009FFFE
MA4000 / EM and BCT for SV8300 (LMC)	LM18CYG-IPS-00000000BJZ12329QK
MA4000 / EM and BCT for SV8500 (LMC)	LM22CC528207AFC059020340CD57xO
MA4000 / EM and BCT for SV7000 (LMC)	LM01PZPC3500000000H2TRP62357gM
MA4000 / EM and BCT for SV9300 (LMC)	LM36LYRAABK000000000CP10A087HY
MA4000 / EM and BCT for SV9500 (LMC)	LM35G00N470108E0S0A8832EF2d3Po
MA4000 / EM and BCT for iS3000 (LMC)	LMIS0014SA2792885418 LMIS0024IC960002104011xxx12345 LMIS0024IA956215554213xxx12345 LMIS0016HN242703562600

MA4000 / EM and BCT for 2000IPS (LMC)	LMxxxxxxxxxxxxx (15 characters)
BCT (Dongle)	aa0014SA2792889418AA
CTI (LMC)	[similar to MA4000 (LMC)]
BX/OVOC HW Model	9551484 (7 or 8 ! digits Serial Number)
BX/OVOC SW Model	358744541284567 (14 or 15 digits Machine-ID)
BX/OVOC OVOC	66E55234A97A (Hex characters)
Univerge Integration Platform (UIP)	LM16717688D912171C3E3E603E1836

External Products supported and Hardware Key Code formats (examples)

External Products are products for which the licenses are not created by LMS, but which originate from an external source.

The licenses for following External Product category products are administered by LMS.

System Type	Hardware Key Code format (examples)
RCC	aa0014SA2792886419AA
UM4730	11-10465697
Expense Management (protect.dat)	"Dongle ID" 66045123
MobiCall (Master or Supervisor) or MobiBox (Master only !)	1A2F (4 Hex characters)

Trial periods, demo licenses and service licenses

Some products have a “license free” period for trial or demo purposes or for service purposes.

Trial period SV8100

An SV8100 system can run without a license file for a period of 60 days.

It is strongly recommended that the 60 day trial license is only used in circumstances where it is not possible to install a real license that would have been downloaded from the LMS. If the 60 day trial expires without a real license being installed, then the SV8100 will only operate using unlicensed features.

The 60 days starts from when it is first turned on (set to 1) in command 90-55-01. At this point in time, a timer starts counting down from 60 days.

Demo license and Service license

For some Products like SV8100 and iS3000 you may obtain a Demo license or Service License from LMS. This function allows you to open all features for a limited time period and for a limited number of times per Customer Location (Hardware Key Code).

You may obtain the Demo license on the Customer Location page.

- Select the Customer Administration page and select the customer

The screenshot shows the LMS user interface. At the top left is the NEC logo with the tagline "Empowered by Innovation". At the top right, it says "LMS User (with SWA Role)", "Date: April 02, 2013", and a "logout" button. Below this is a navigation menu with "Home", "License Administration", "Customer", "Tools", "SoftwareAssurance", and "Help". The main content area has two large buttons: "License Administration" (with a description: "License Administration: Review new license orders, attach licenses and return licenses") and "Customer Administration" (with a description: "This section helps you to define new customers and sites associated with customers where the licenses will be registered to."). The "Customer Administration" button is circled in red.

- Select the Customer Location and click on the "Generate Demo License" link
Note that initially 2 demo licenses per Customer Location are available

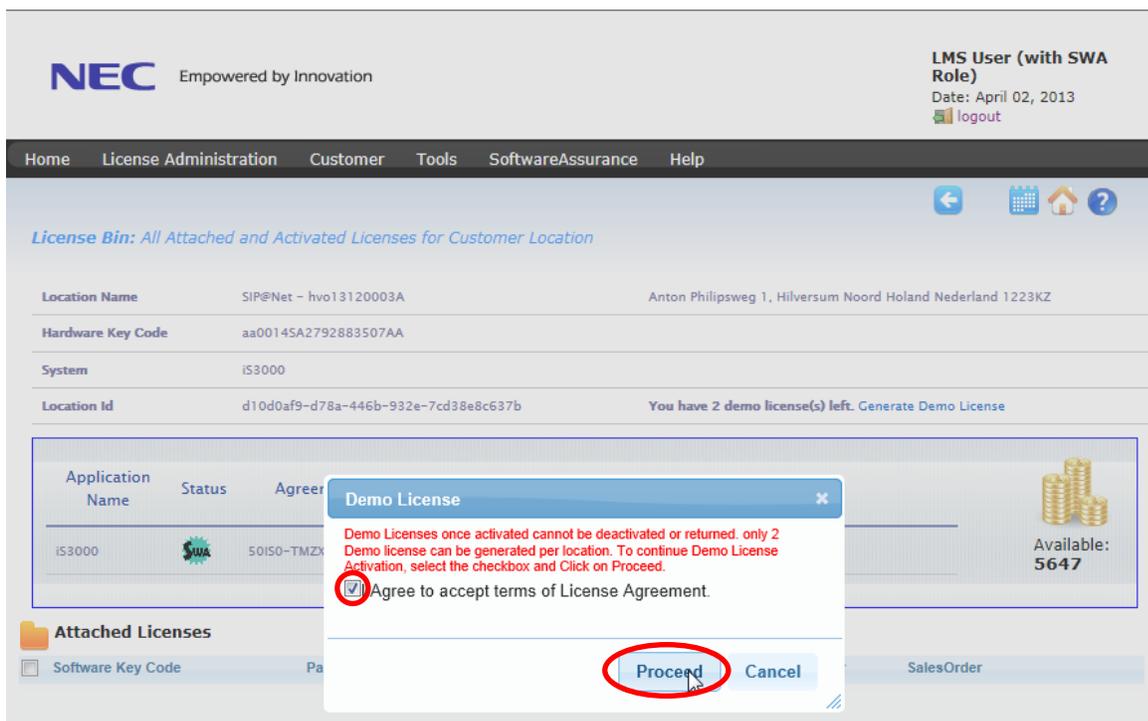
The screenshot shows the LMS user interface for a specific Customer Location. At the top left is the NEC logo with the tagline "Empowered by Innovation". At the top right, it says "LMS User (with SWA Role)", "Date: April 02, 2013", and a "logout" button. Below this is a navigation menu with "Home", "License Administration", "Customer", "Tools", "SoftwareAssurance", and "Help". The main content area shows the "License Bin" for the selected customer location. It displays the following information:

- Location Name:** SIP@Net - hvo13120003A (Anton Philipsweg 1, Hilversum Noord Holand Nederland 1223KZ)
- Hardware Key Code:** aa00145A2792883507AA
- System:** iS3000
- Location Id:** d10d0af9-d78a-446b-932e-7cd38e8c637b

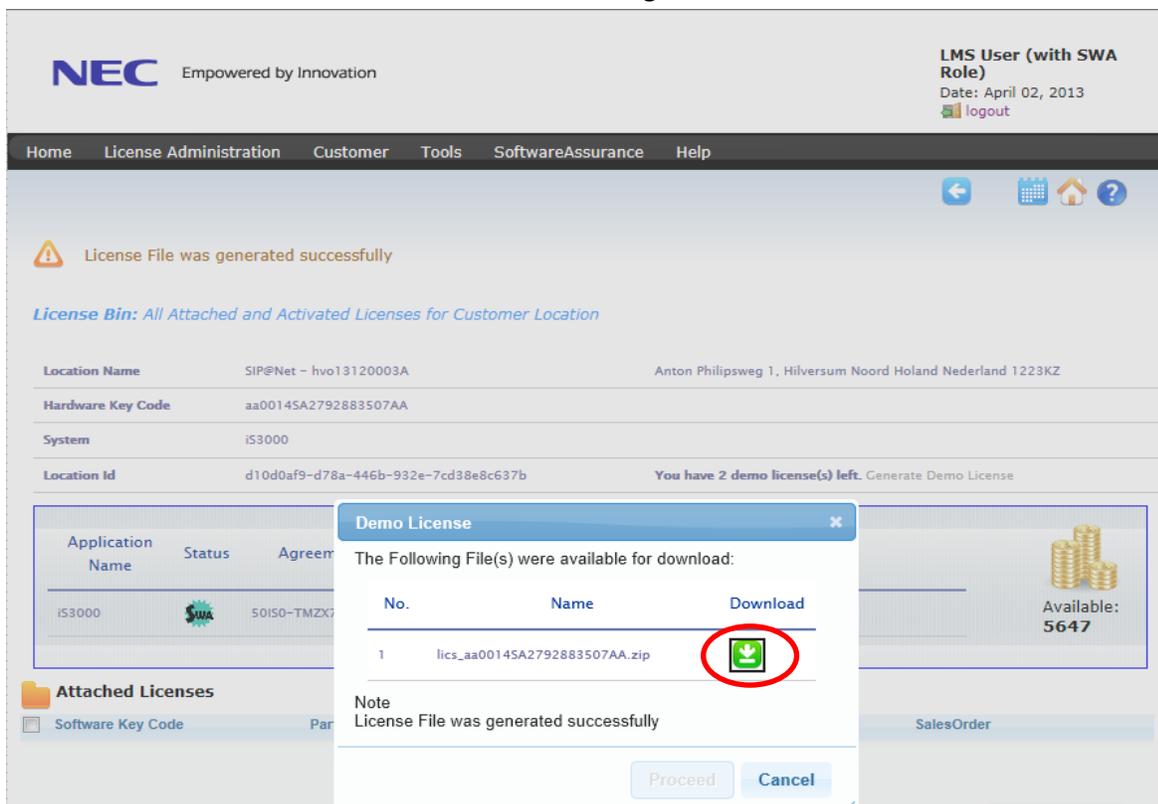
Below this information, it says "You have 2 demo license(s) left" and a "Generate Demo License" button, which is highlighted with a red box. At the bottom, there is a table showing the application details:

Application Name	Status	Agreement#	Expires	SWA Units required
iS3000		50IS0-TMZX79764-N	02/28/2014	Available: 5647

- Select the Checkbox and click Proceed button



- Click on the Download button for downloading the Demo License file



Note that there is now 1 demo license left for this Customer Location



LMS User (with SWA Role)

Date: April 02, 2013

logout

Home License Administration Customer Tools SoftwareAssurance Help



License Bin: All Attached and Activated Licenses for Customer Location

Location Name	SIP@Net - hvo13120003A	Anton Philipsweg 1, Hilversum Noord Holand Nederland 1223KZ
Hardware Key Code	aa00145A2792883507AA	
System	iS3000	
Location Id	d10d0af9-d78a-446b-932e-7cd38e8c637b	You have 1 demo license(s) left Generate Demo License

License Transfer in case of Hardware Replacement (Defective Equipment)

The CPU (or Dongle) contains the Hardware Key Code.

In case the CPU (or Dongle) becomes defective it has to be replaced by a new one.

As a consequence licenses have to be transferred to the new Hardware Key Code.

This procedure is called hardware replacement (manually executed by the NEC LMS Administrator).

Procedure during office hours

1. T1/T2 Business Partner checks if new CPU board (or Dongle) is available

2. T1/T2 Business Partner requests “hardware replacement” as follows:

- Enter a Call at the Call registration on BusinessNet

URL= <http://businessnet.nec-enterprise.com/Processes/Call-Registration/Pages/Home.aspx>

- Subject: Request Hardware Replacement
- **Application: <select> License Desk**
- Description; describe as clearly as possible what you request and mention:
 - Hardware Key Code of CPU (or Dongle) to be replaced
 - Hardware Key Code of the new CPU (or Dongle)

Remarks

- **T2 Business Partner makes this request to the T1 Business Partner**
- **No order is required**

3. NEC LMS Administrator performs “hardware replacement” in the LMS and delivers new license file(s) to the T1/T2 Business Partner.

4. T1/T2 Business Partner installs / activates License(s)

- Save new license file to PC
- Install new license file in system

5. T1 Business Partner sends defective CPU (or Dongle) to NEC for repair according the standard RMA procedure.

Procedure outside office hours

1. T1/T2 Business Partner checks if new CPU board (or Dongle) is available

2. T1/T2 Business Partner requests “hardware replacement” as follows:

- Enter a Call in the Call registration on BusinessNet

URL= <http://businessnet.nec-enterprise.com/Processes/Call-Registration/Pages/Home.aspx>

- Subject: Request Hardware Replacement
- **Application: <select> License Desk**
- Description; describe as clearly as possible what you request and mention:
 - Hardware Key Code of CPU (or Dongle) to be replaced
 - Hardware Key Code of the new CPU (or Dongle)

Remarks

- **No order is required**
- **New license files can only be supplied during office hours.**

3. T1/T2 Business Partner uses the trial period, Demo license or Service license, while waiting for new license files.

4. T1/T2 Business Partner installs / activates License(s)

- Save new license file to PC
- Install new license file in system

5. T1 Business Partner sends defective CPU (or Dongle) to NEC for repair according the standard RMA procedure.

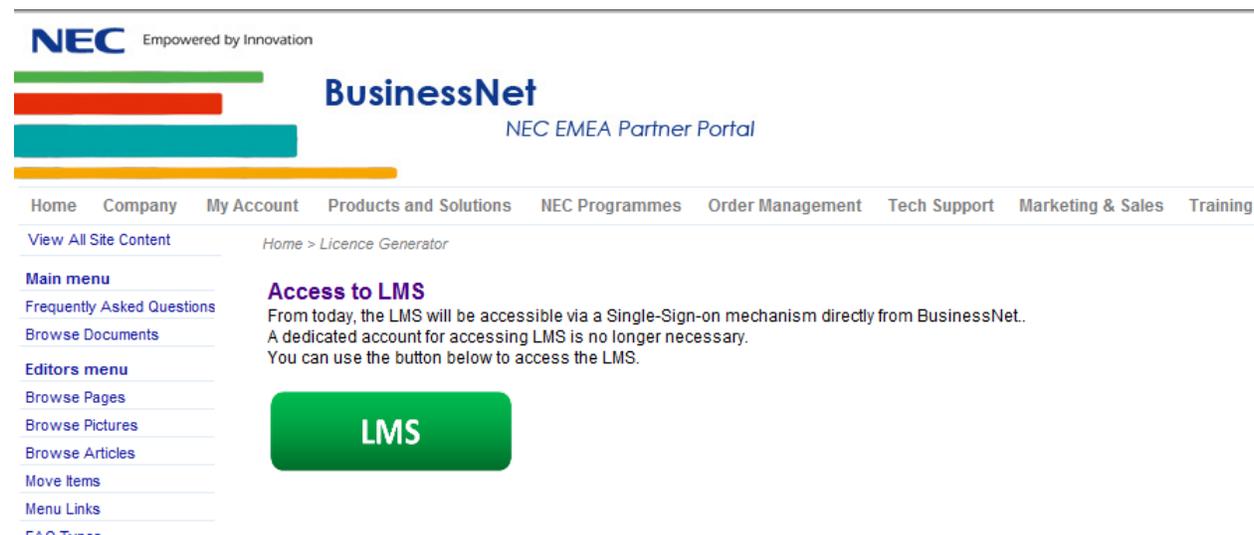
LMS Login

Login LMS is done via BusinessNet

- Select Order Management – License Generator



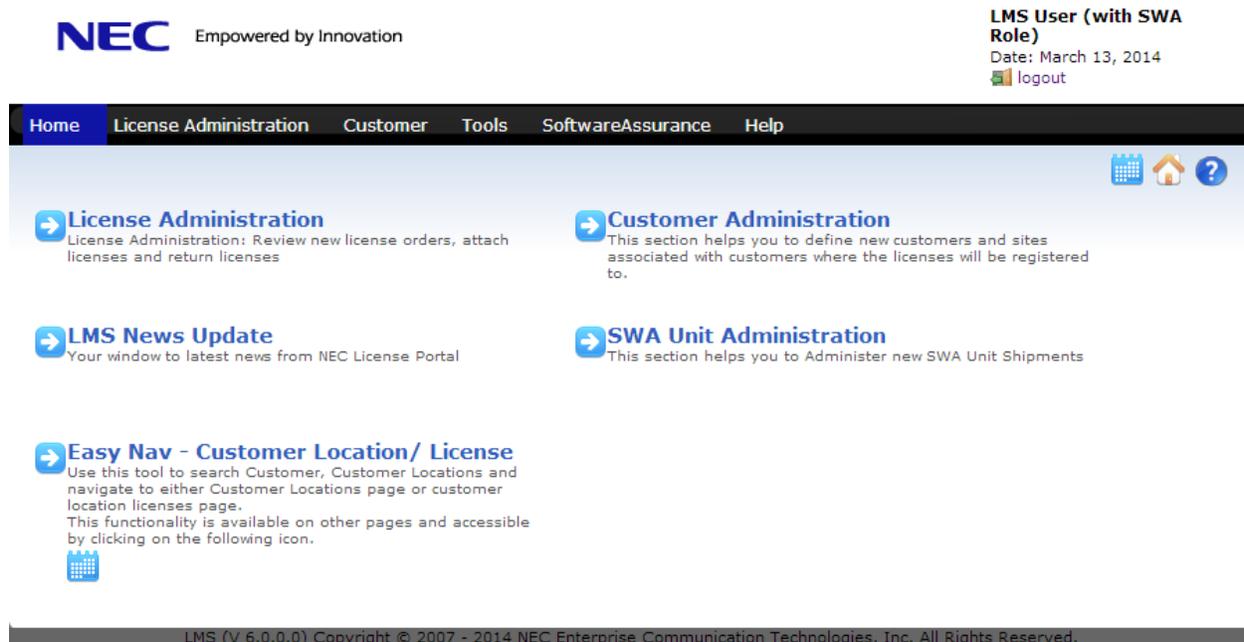
- Click on the green LMS button



You will arrive at the HOME page (see below)

LMS Home page

All working procedures start from the LMS Home page



NEC Empowered by Innovation

LMS User (with SWA Role)
Date: March 13, 2014
logout

Home License Administration Customer Tools SoftwareAssurance Help

License Administration
License Administration: Review new license orders, attach licenses and return licenses

Customer Administration
This section helps you to define new customers and sites associated with customers where the licenses will be registered to.

LMS News Update
Your window to latest news from NEC License Portal

SWA Unit Administration
This section helps you to Administer new SWA Unit Shipments

Easy Nav - Customer Location/ License
Use this tool to search Customer, Customer Locations and navigate to either Customer Locations page or customer location licenses page.
This functionality is available on other pages and accessible by clicking on the following icon.

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LMS License handling procedure

Next sections are meant to guide the Business Partner through the steps necessary to create a license file for an NEC system.

General way of working

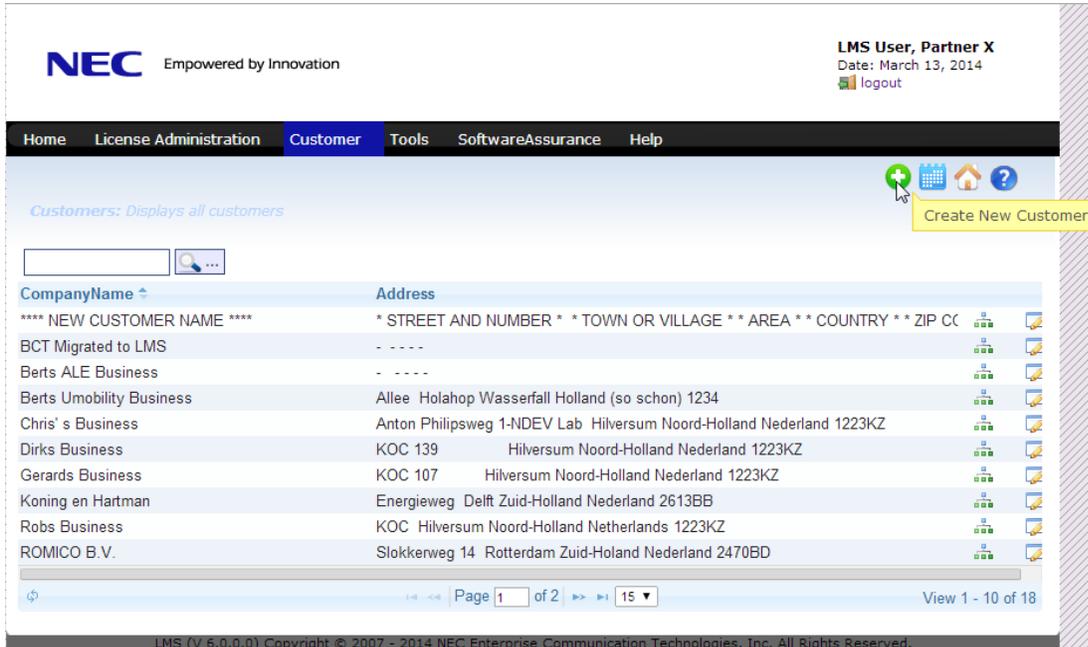
Next **FOUR STEPS** should be executed in general to create a license file for an NEC system.

- I. Create the new Customer (if existing skip this step)
- II. Create the new Customer Location (system name with Hardware Key Code)
- III. Select and attach the licenses
- IV. Activate the licenses and download license file

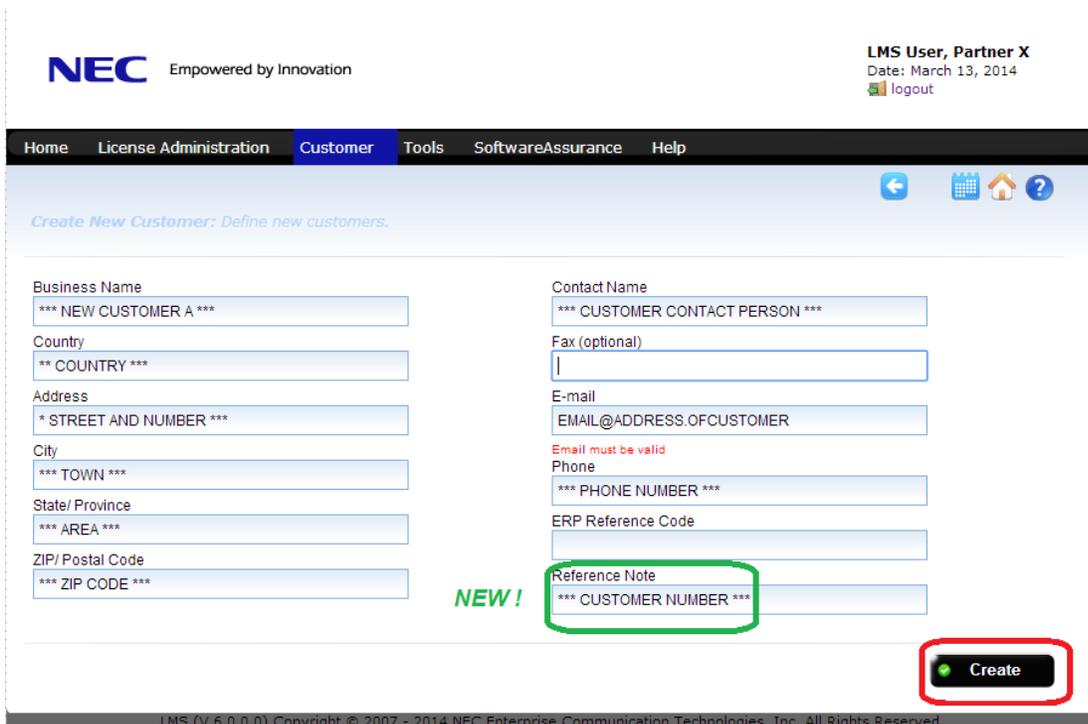
These steps are explained in more detail, with SV8100 as an example, in next sections.

I. Create New Customer

- On the Home Page click on either menu “Customer” or on the link “Customer Administration”
- Click on ‘+’ icon for Create New Customer

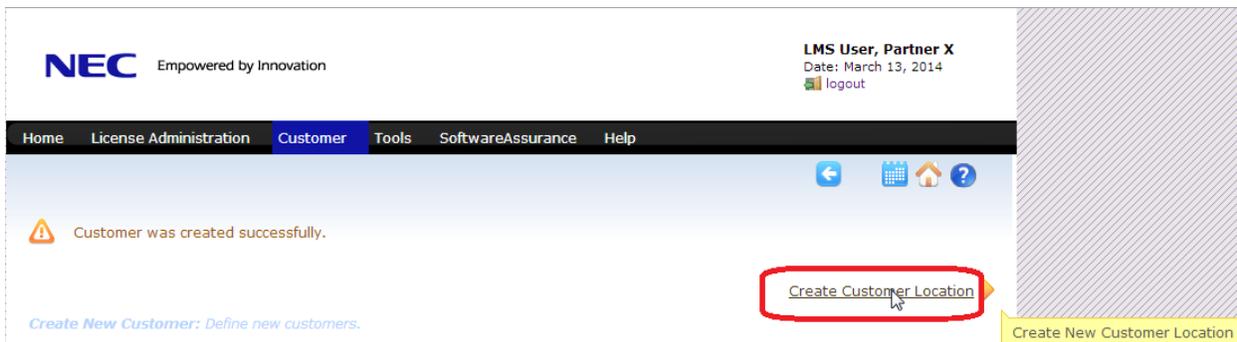


- Enter the Customer Details like Business Name, address, etc...and Reference Note **[Reference Note (Customer Number) will be visible in the SWA Portal as well]**
- Click on button ‘Create’

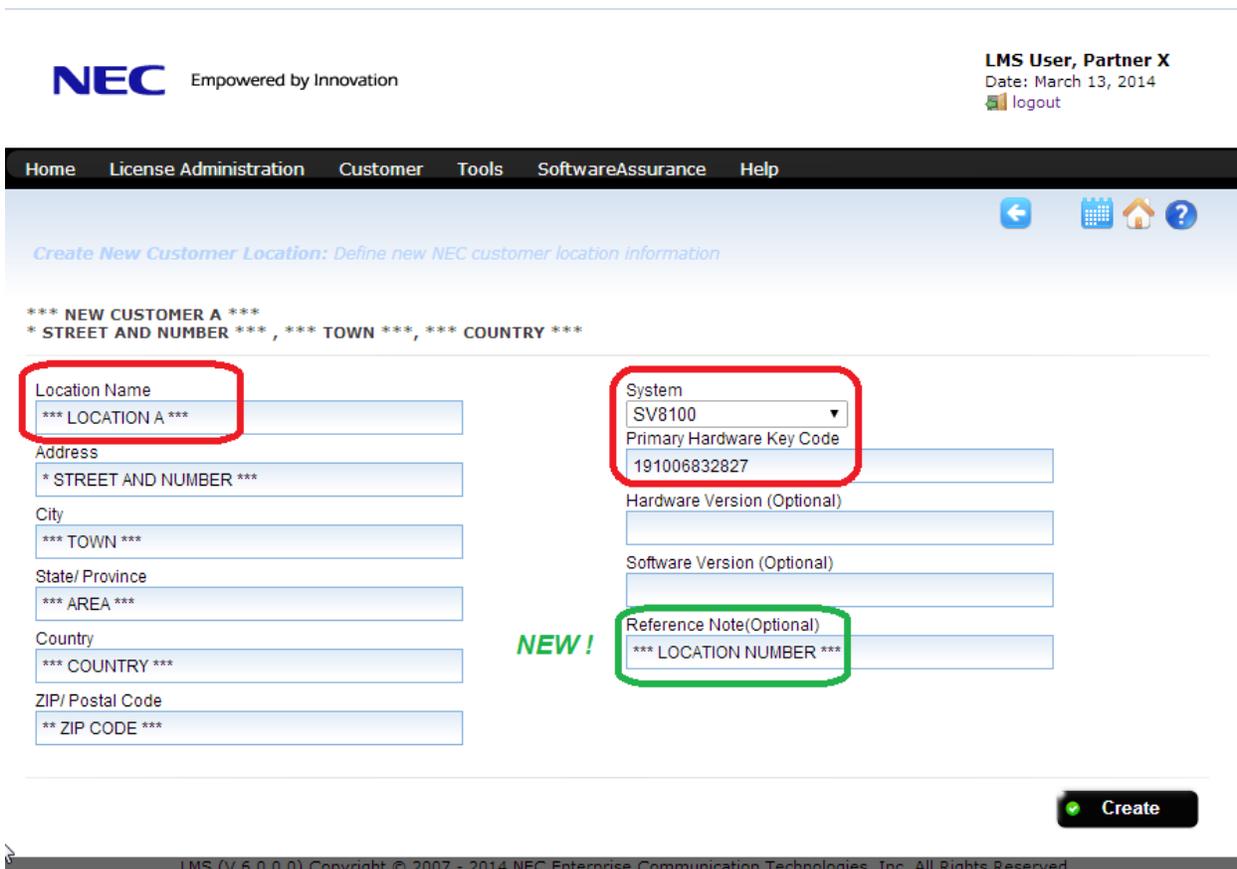


II. Create New Customer Location

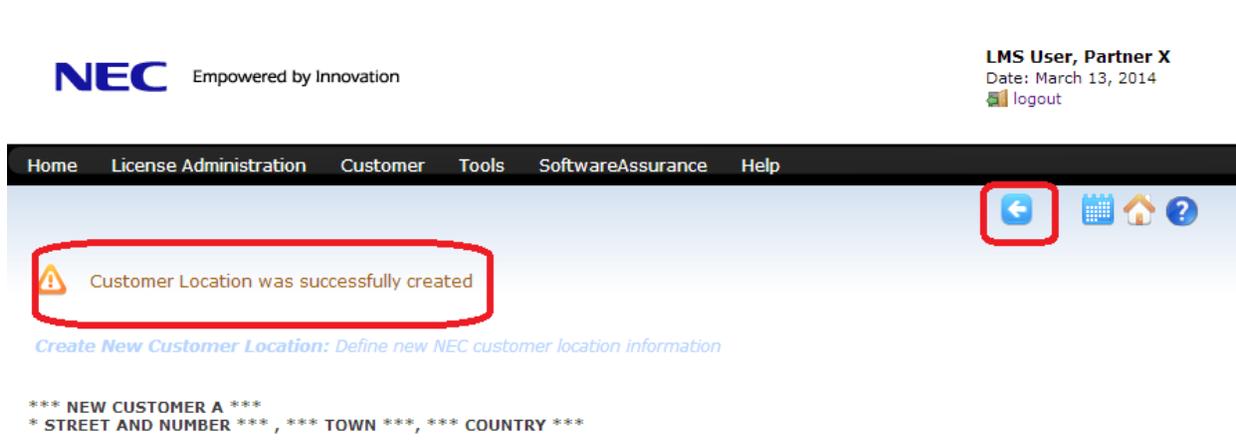
- Notice message ‘Customer was created successfully’
- Click on the link ‘Create Customer Location’



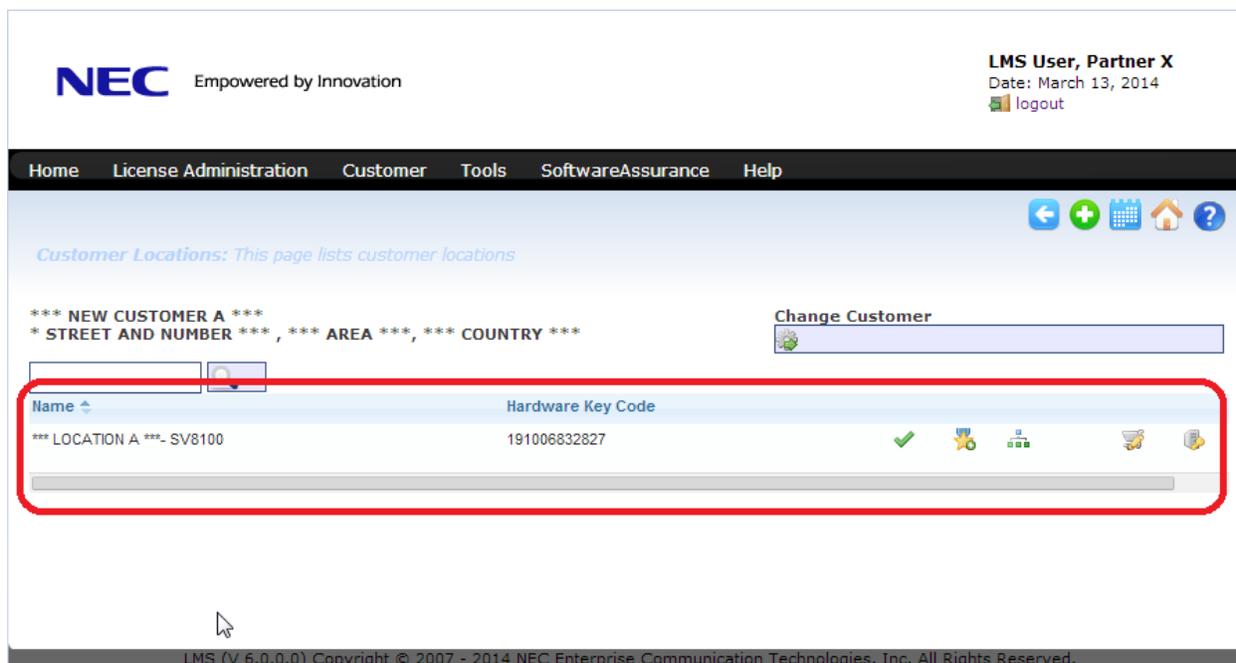
- Enter Location name, Select System type and enter Hardware Key Code
[You may enter a Reference Note on the Customer location as well]
- Click on button “Create”



- Notice message "Customer Location was created successfully"



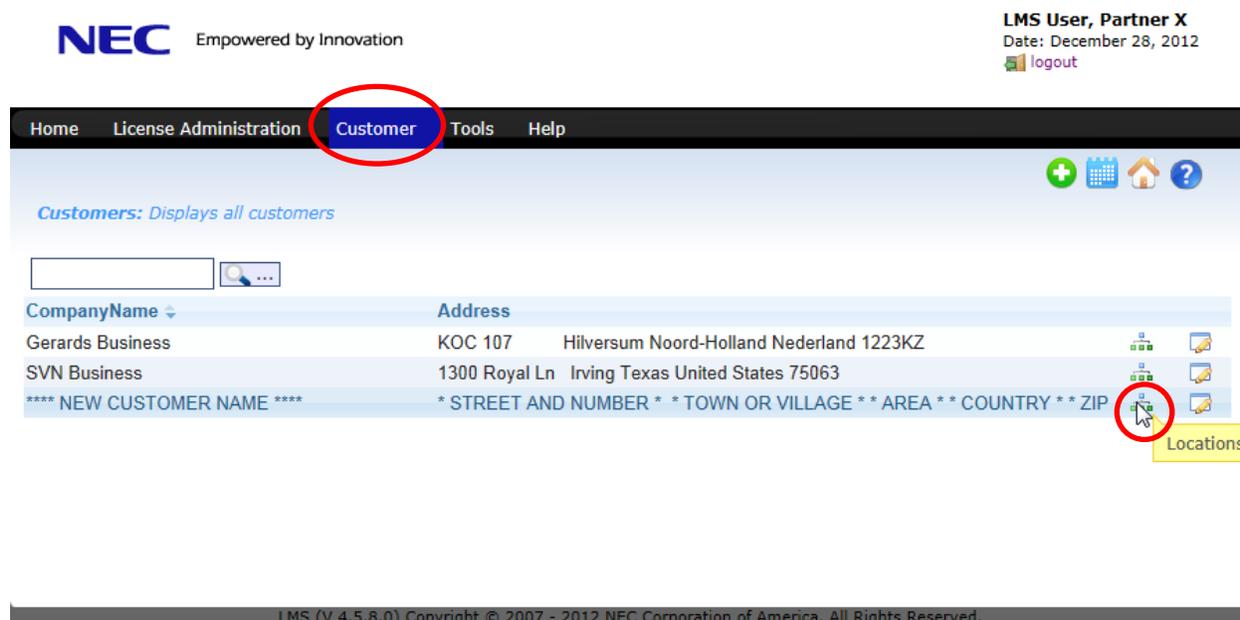
- Click on Back arrow to return to "Customer Location List"
- View the result: Customer Location has been created.



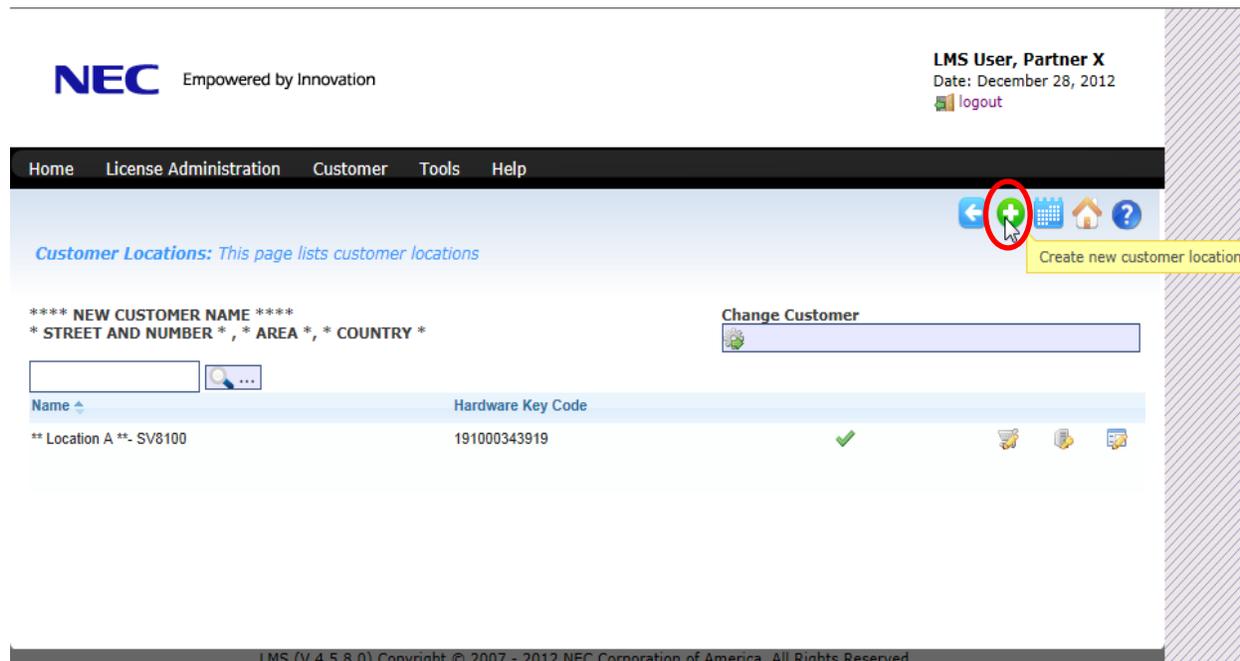
Remark:

If the Customer already exists you can create the new Customer Location as follows:

- Select the Customer Administration menu
- Click on the Location Icon in the Customers List



- Click on the + Icon to create the new customer location
- Enter Customer Location details and click “Create” button to finish



III. Select and Attach Licenses

Access the Licenses Bin

Licenses can be found in the licenses Bin of the LMS.

- On the Home Page click on either the Menu bar “License Administration” or a little bit lower on the link “License Administration ”

The screenshot displays the LMS 10.x Home Page. At the top left is the NEC logo with the tagline "Empowered by Innovation". At the top right, it shows the user's name "LMS User, Partner X", the date "Date: December 27, 2012", and a "logout" button. Below this is a dark navigation bar with the following menu items: "Home", "License Administration", "Customer", "Tools", and "Help". The "License Administration" menu item is circled in red. Below the navigation bar, there are four main content areas: 1. "License Administration" with a sub-description: "License Administration: review new license orders, attach licenses, return licenses and reship licenses". 2. "Customer Administration" with a sub-description: "This section helps you to define new customers and sites associated with customers where the licenses will be registered to." 3. "LMS News Update" with a sub-description: "Your window to latest news from NEC License Portal". 4. "Easy Nav - Customer Location/ License" which contains two input fields: "Select Customer" and "Select Customer Location", each with a search icon and a right-pointing arrow.

Then you will arrive at the Licenses Bin.

The Licenses Bin

NEC Empowered by Innovation

LMS User, Partner X
Date: December 27, 2012
logout

Home License Administration Customer Tools Help

License Administration: Review new license orders, attach licenses, return licenses, reship licenses.

Available Purchase Orders License Administration By Parts

Purchase Order

Purchase Order	Part Name(Number)	Qty	Sel
PO12			
PO123456 -SV8100			

Add

Recently Attached Licenses

Attached	Customer	Purchase Order	Part Name(Number)	Qty

Recently Activated Licenses

Activated	Customer	Purchase Order	Part Name(Number)	Qty
12/17/12	SVN Business, Building 123	PO12	MA4000 IPS EXT LIC(100) (391950)	2
12/17/12	SVN Business, Building 123	PO12	MA4000 Version 10 Lic (390908)	2
12/12/12	Gerards Business, Lab1 iS3000	Lab1 iS3000 lics	MA4000 LAPS Ext Lic Unlimited (391955)	1
12/12/12	Gerards Business, Lab1 iS3000	Lab1 iS3000 lics	MA4000 IPX/SV7/SV85 Extension lic (390924)	5000
12/12/12	Gerards Business, Lab1 iS3000	Lab1 iS3000 lics	MA4000 SIP@Net Extension Lic (391998)	9999

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- Select the licenses under “Available Purchase Orders by clicking on the Purchase Order

NEC Empowered by Innovation

LMS User, Partner X
Date: December 27, 2012
logout

Home License Administration Customer Tools Help

License Administration: Review new license orders, attach licenses, return licenses, reship licenses.

Available Purchase Orders License Administration By Parts

Purchase Order

Purchase Order	Part Name(Number)	Qty	Sel
PO12	LK-SYS-256 PORT LIC(BE107573)	1	1
PO123456 -SV8100	LK-SYS-IP-TRUNK1-LIC(BE107582)	5	5
	LK-SYS-SMDR-LIC SMDR License(BE107576)	1	1
	LK-SYS-IP-TERMINAL-1-LIC(BE107585)	20	20

Select license part numbers and quantity before attachment

At this stage you may change the License part numbers to be attached

1. If all licenses are needed and quantity is correct then don't do anything here and proceed with next step: "Attach Licenses"
2. If a **lower quantity** of a license is needed then click in "Sel" field and **enter quantity needed**.

Available Purchase Orders License Administration By Parts

Purchase Order	Part Name(Number)	Qty	Sel
PO12	LK-SYS-256 PORT LIC(BE107573)	1	1
PO123456 -SV8100	LK-SYS-IP-TRUNK1-LIC(BE107582)	5	5
	LK-SYS-SMDR-LIC SMDR License(BE107576)	1	1
	LK-SYS-IP-TERMINAL-1-LIC(BE107585)	20	10

3. If a particular license is **not needed** at all then click in "Sel" field and **enter quantity "0"**

Available Purchase Orders License Administration By Parts

Purchase Order	Part Name(Number)	Qty	Sel
PO12	LK-SYS-SMDR-LIC SMDR License(BE107576)	1	1
PO123456 -SV8100	LK-SYS-IP-TRUNK1-LIC(BE107582)	5	0
	LK-SYS-256 PORT LIC(BE107573)	1	1
	LK-SYS-IP-TERMINAL-1-LIC(BE107585)	20	20

Attach licenses

When done with selection of the License part numbers and the proper amount proceed as follows:

- Click the “Add” button

The screenshot shows the 'Available Purchase Orders' section with a search bar and a table of license parts. The 'Add' button is circled in red.

Purchase Order	Part Name(Number)	Qty	Sel
PO12	LK-SYS-IP-TERMINAL-1-LIC(BE107585)	20	20
PO123456 -SV8100	LK-SYS-256 PORT LIC(BE107573)	1	1
	LK-SYS-IP-TRUNK1-LIC(BE107582)	5	5
	LK-SYS-SMDR-LIC SMDR License(BE107576)	1	1

Remark:

In this example no changes are made (no licenses are deselected and no quantities are changed).

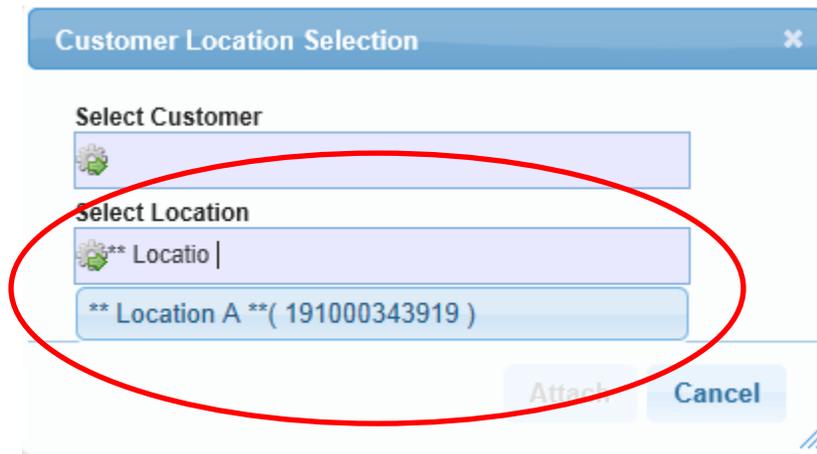
- Click the “Attach” button

The screenshot shows a success message at the top: "License Part - BE107585 - was successfully added/ updated to the list License Part - BE107573 - was successfully added/ updated to the list License Part - BE107582 - was successfully added/ updated to the list License Part - BE107576 - was successfully added/ updated to the list". Below the message is a table of license parts with red 'X' marks in the 'Sel' column. The 'Attach' button is circled in red.

License Administration: Review new license orders, attach licenses, return licenses, reship licenses.

Purchase Order	Part Name	Number	Qty	Sel
PO12	LK-SYS-IP-TERMINAL-1-LIC	BE107585	20	20
PO123456 -SV8100	LK-SYS-256 PORT LIC	BE107573	1	1
	LK-SYS-IP-TRUNK1-LIC	BE107582	5	5
	LK-SYS-SMDR-LIC SMDR License	BE107576	1	1

- Select the Customer location by entering (part of) the Location name or Hardware Key Code
- Click in the Blue Area to select the proper location (there may be more locations displayed)



Customer Location Selection

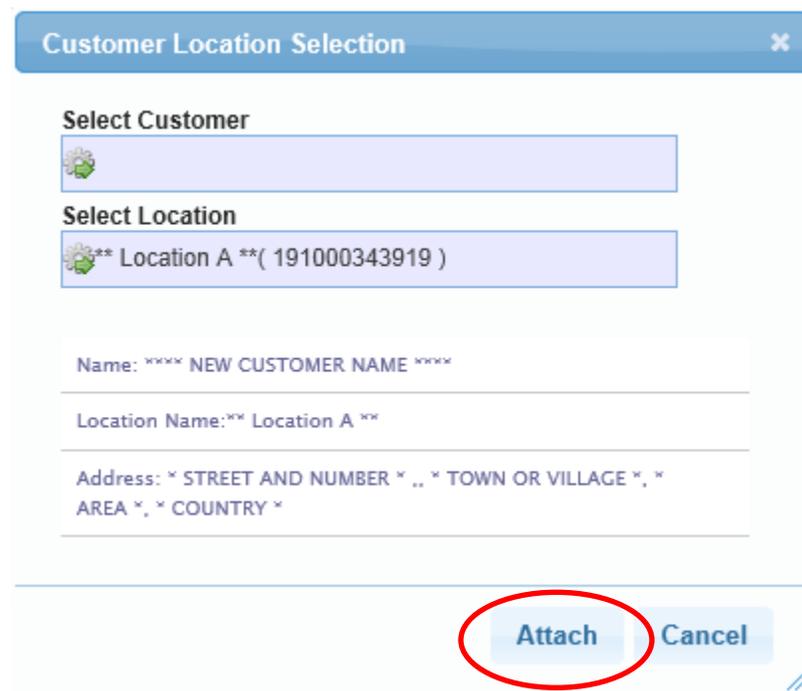
Select Customer

Select Location

** Location A |(191000343919)

Attach Cancel

- Verify if you have selected the right Customer location of the proper Customer
- Click the “Attach” button



Customer Location Selection

Select Customer

Select Location

** Location A **(191000343919)

Name: **** NEW CUSTOMER NAME ****

Location Name: ** Location A **

Address: * STREET AND NUMBER * .. * TOWN OR VILLAGE * , * AREA * , * COUNTRY *

Attach Cancel

Now licenses are attached to the Customer Location.
Attached Licenses are ‘reserved’ for activation on the Customer Location.

If licenses are attached you may proceed with

- Activation or
- Undo the entire (or part of the) attachment by detaching licenses; see the next paragraph

 Empowered by Innovation

LMS User, Partner X
 Date: December 28, 2012
 logout

Home
License Administration
Customer
Tools
Help



License Bin: All Attached and Activated Licenses for Customer Location

Location Name	** Location A **	* STREET AND NUMBER * , * TOWN OR VILLAGE * * AREA * * COUNTRY * * ZIP CODE *
Hardware Key Code	191000343919	
System	SV8100	
Location Id	You have 2 demo license(s) left. Generate Demo License	

Attached Licenses

Software Key Code	Part Name(Number)	Qty	Purchase Order	SalesOrder	
<input type="checkbox"/> 8G199M9T5DJB7CPN47UJ	LK-SYS-256 PORT LIC (BE107573)	1	PO123456 -SV8100	SO 1280677 - SV8100	lics 
<input type="checkbox"/> AA19MXCH1TN7A43ML65B	LK-SYS-IP-TRUNK1-LIC (BE107582)	5	PO123456 -SV8100	SO 1280677 - SV8100	lics 
<input type="checkbox"/> 1V191JTEBJGFV57KNTE9	LK-SYS-SMDR-LIC SMDR License (BE107576)	1	PO123456 -SV8100	SO 1280677 - SV8100	lics 
<input type="checkbox"/> N81964JPN9E6JNFAFA2V	LK-SYS-IP-TERMINAL-1-LIC (BE107585)	20	PO123456 -SV8100	SO 1280677 - SV8100	lics 

 **Activate**

Activated Licenses

Software Key Code	Part Name(Number)	Qty	Purchase Order	SalesOrder	Activated

 **Regenerate**

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Remark:

When you are on the Home page you can go to the Customer location licenses page above with ‘Easy Nav’ as follows:

- Enter (part of) the location name or Hardware Key Code In the Easy Nav –Customer location field
- Click in the blue area to select the proper location (there may be more locations displayed)
- Click on the “take me to Customer Location licenses” Icon

The screenshot displays the LMS 10.x user interface. At the top left is the NEC logo with the tagline "Empowered by Innovation". At the top right, it shows the user's role as "LMS User, Partner X" and the date "December 28, 2012", along with a "logout" button. A navigation bar includes "Home", "License Administration", "Customer", "Tools", and "Help". Below this, there are four main sections: "License Administration", "Customer Administration", "LMS News Update", and "Easy Nav - Customer Location/ License". The "Easy Nav" section contains two dropdown menus: "Select Customer" and "Select Customer Location". The "Select Customer Location" dropdown is open, showing a list of locations. The location "** Location A **(191000343919)" is highlighted and circled in red. A red circle also highlights the "take me to Customer Location licenses" icon in the top right corner of the dropdown menu. At the bottom of the page, it says "LMS (V.4.5.8.0) Copyright © 2007 - 2012 NEC Corporation of America. All Rights Reserved."

Detach licenses

If licenses are attached, but not yet activated, you may still detach one or more licenses, e.g. if you made a mistake.

To detach licenses do following:

- Looking at Licenses attached to the customer location, click on the Detach Icon

Software Key Code	Part Name(Number)	Qty	Purchase Order	SalesOrder	
8G199M9T5DJB7CPN47UJ	LK-SYS-256 PORT LIC (BE107573)	1	PO123456 -SV8100	SO 1280677 - SV8100 lics	
AA19MXCH1TN7A43ML65B	LK-SYS-IP-TRUNK1-LIC (BE107582)	5	PO123456 -SV8100	SO 1280677 - SV8100 lics	

Detached licenses are returned to the License Bin.....and can be re-attached or can be used for another Customer location.

License Administration: Review new license orders, attach licenses, return licenses, reship licenses.

Available Purchase Orders License Administration By Parts

Purchase Order	Part Name(Number)	Qty	Sel
PO12	LK-SYS-256 PORT LIC(BE107573)	1	<input type="text" value="1"/>
PO123456 -SV8100			

IV. Activate Licenses and Download License file

WARNING: be aware that license activation cannot be undone !!!

On the Customer location Licenses Page:

- Select all licenses (checkbox at the top) or each individual license to be activated
- Click on the “Activate” button

NEC Empowered by Innovation LMS User, Partner X
Date: December 28, 2012
logout

Home License Administration Customer Tools Help

License Bin: All Attached and Activated Licenses for Customer Location

Location Name: ** Location A ** * STREET AND NUMBER * , * TOWN OR VILLAGE * * AREA * * COUNTRY * * ZIP CODE *

Hardware Key Code: 191000343919

System: SV8100

Location Id: You have 2 demo license(s) left. Generate Demo License

Attached Licenses

<input checked="" type="checkbox"/>	Software Key Code	Part Name(Number)	Qty	Purchase Order	SalesOrder	
<input checked="" type="checkbox"/>	HV19BBXB9E9CVDK52N0W	LK-SYS-256 PORT LIC (BE107573)	1	PO123456 -SV8100	SO 1280677 - SV8100 lics	
<input checked="" type="checkbox"/>	AA19MXCH1TN7A43ML65B	LK-SYS-IP-TRUNK1-LIC (BE107582)	5	PO123456 -SV8100	SO 1280677 - SV8100 lics	
<input checked="" type="checkbox"/>	1V191JTEBJGFV57KNTE9	LK-SYS-SMDR-LIC SMDR License (BE107576)	1	PO123456 -SV8100	SO 1280677 - SV8100 lics	
<input checked="" type="checkbox"/>	N81964JPN9E6JNFAFA2V	LK-SYS-IP-TERMINAL-1-LIC (BE107585)	20	PO123456 -SV8100	SO 1280677 - SV8100 lics	

Activated Licenses

Software Key Code	Part Name(Number)	Qty	Purchase Order	SalesOrder	Activated
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Regenerate

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- Mark the checkbox to agree with the License Agreement
- Click on the “Proceed” button

License Activation [X]

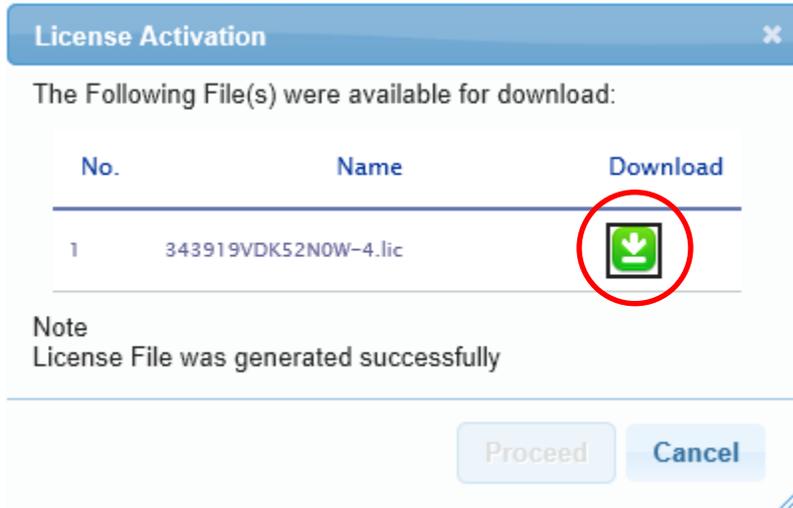
Licenses once activated cannot be deactivated or returned. We advise users to make sure that the license are intended for the location it is attached to. If you want to continue activating selected licenses, select the checkbox and Click on Proceed.

I Agree to accept terms of License Agreement.

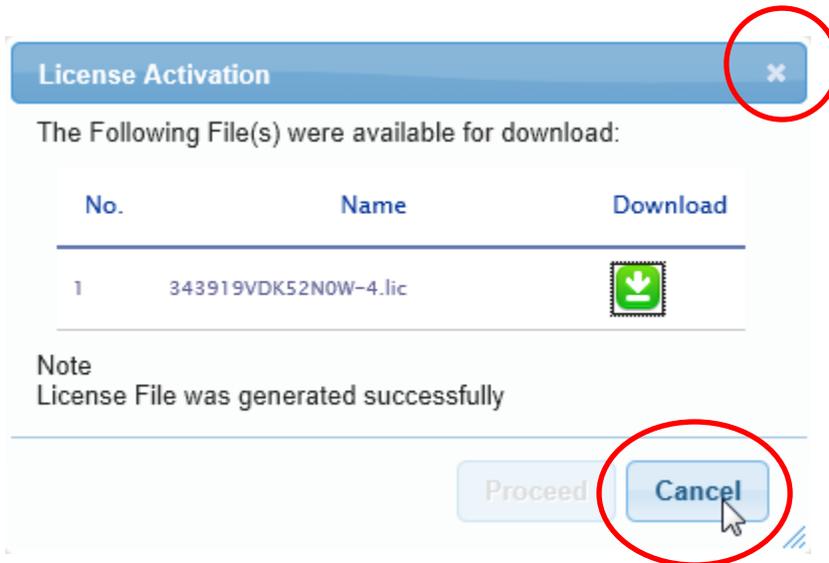
Proceed **Cancel**

It may take some time to create the License file, but after a while the License file download box will show up.

- Click the “Download” button to download the license file to the PC.



- Click 'X' or “Cancel” button to close the download box



The licenses are now activated.
 This situation is permanent and cannot be undone.

Activated Licenses

Software Key Code	Part Name(Number)	Qty	Purchase Order	SalesOrder	Activated
HV19BBXB9E9CVDK52N0W	LK-SYS-256 PORT LIC (BE107573)	1	PO123456 -SV8100	SO 1280677 - SV8100 li12/28/2012	
AA19MXCH1TN7A43ML65B	LK-SYS-IP-TRUNK1-LIC (BE107582)	5	PO123456 -SV8100	SO 1280677 - SV8100 li12/28/2012	
1V191JTEBJGFV57KNTE9	LK-SYS-SMDR-LIC SMDR License (BE107576)	1	PO123456 -SV8100	SO 1280677 - SV8100 li12/28/2012	
N81964JPN9E6JNFAFA2V	LK-SYS-IP-TERMINAL-1-LIC (BE107585)	20	PO123456 -SV8100	SO 1280677 - SV8100 li12/28/2012	

Regenerate

Regenerate Licenses

By clicking the “Regenerate” button you can always create the License file and download it again.

Activate Licenses for Applications using LMC

Some Applications, e.g. MA4000 System Management, MA4000 Expense Management, CTI, BCT and UIP use additional Software called License Management Client (LMC) for keeping administration of the licenses.

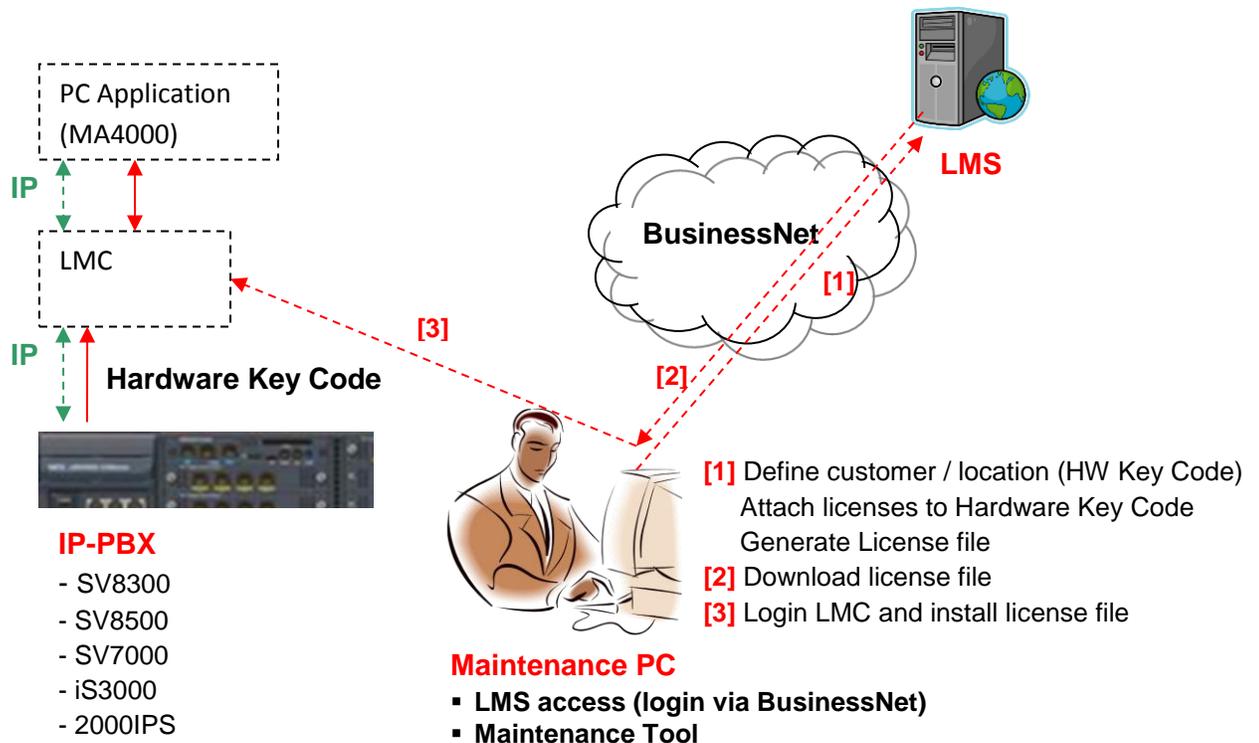
The licenses for the Applications are being activated in LMS on a Hardware Key Code of an IP-PBX (e.g. SV8300, SV8500, iS3000) similar to normal license activation procedure as described in previous sections.

The LMS will create the License file as usual.

Notes:

- LMC interfaces between PBX and Application to read the Hardware Key Code from the PBX
- LMC keeps administration of the licenses and the Hardware key Code read from PBX as well
- UIP uses an internally by LMC (V6) generated HWKC

Using LMC - picture



Reship Licenses (for Distributors only)

Only in case the Business Partner has ‘Distributor’ role he can reship licenses from his own Licenses Bin towards another Business Partner with “Dealer/Reseller” role.

Another pre-requisite is that ‘shipping allowance’ for Partner X – Partner Y has been set in LMS.

Next steps should be followed to reship licenses:

- Select licenses for reshipment
- Enter the Dealer/Reseller (destination) information
- Reship

These steps are explained in more detail in next sections.

Select licenses for reshipment

- Go to the Licenses Bin (click on menu “License Administration”)
- Select the Purchase Order
- Adapt the quantity (if required)
- Click on the “Add” button

The screenshot shows the LMS interface for License Administration. At the top left is the NEC logo with the tagline "Empowered by Innovation". At the top right, it displays "LMS User, Distribr X" and "Date: January 02, 2013" with a "logout" link. A navigation bar contains "Home", "License Administration" (circled in red), "Customer", "Tools", and "Help". Below the navigation bar, there is a sub-header "License Administration: Review new license orders, attach licenses, return licenses, reship licenses." and a "License Administration By Parts" link. The main content area is titled "Available Purchase Orders" and features a search bar. A table lists purchase orders and their parts:

Purchase Order	Part Name(Number)	Qty	Sel
PO12	MA4000 IPS EXT LIC(100)(391950)	8	<input type="checkbox"/>
	MA4000 Version 10 Lic(390908)	8	<input type="checkbox"/>

At the bottom right of the interface, there is a black "Add" button with a green plus sign, which is circled in red.

- Check proper License part numbers selected and click on the “Reship” button

NEC Empowered by Innovation

LMS User, Distribr X
Date: January 02, 2013
logout

Home License Administration Customer Tools Help

License Part - 391950 - was successfully added/ updated to the list License Part - 390908 - was successfully added/ updated to the list

License Administration: Review new license orders, attach licenses, return licenses, reship licenses.

Available Purchase Orders License Administration By Parts

Purchase Order	Part Name	Number	Qty	Sel
PO12	MA4000 IPS EXT LIC(100)	391950	8	8
PO12	MA4000 Version 10 Lic	390908	8	8

Return ReShip Attach

Enter Dealer/Reseller (destination) information and reship

- Enter the E-mail address of an LMS user at the Dealer, enter Sales Order and Purchase Order no
- Click on the “Ship Order” button

NEC Empowered by Innovation

LMS User, Distribr X
Date: January 02, 2013
logout

Home License Administration Customer Tools Help

Use this form to create new Shipping Order.

Dealer E-mail address
LMS User, Dealer Y (edwin.bosscha@nec-unified.com)

Sales Order Number
SO-12345

Purchase Order Number
PO-12345

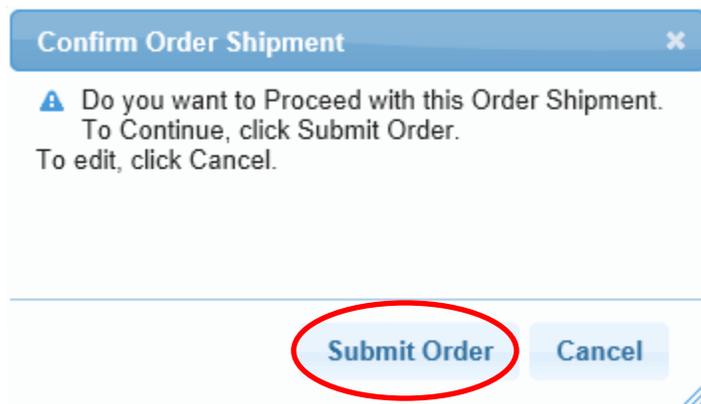
Associate Information
Associate Name: Dealer Y
Location Name:Edwins Dealer Location
Address: Vechtstraat 41,,, Den Ham, Drenthe, Nederland

#	Name(Number)	Qty
1	MA4000 IPS EXT LIC(100)	8
2	MA4000 Version 10 Lic	8

Ship Order

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- Click on Submit Order button

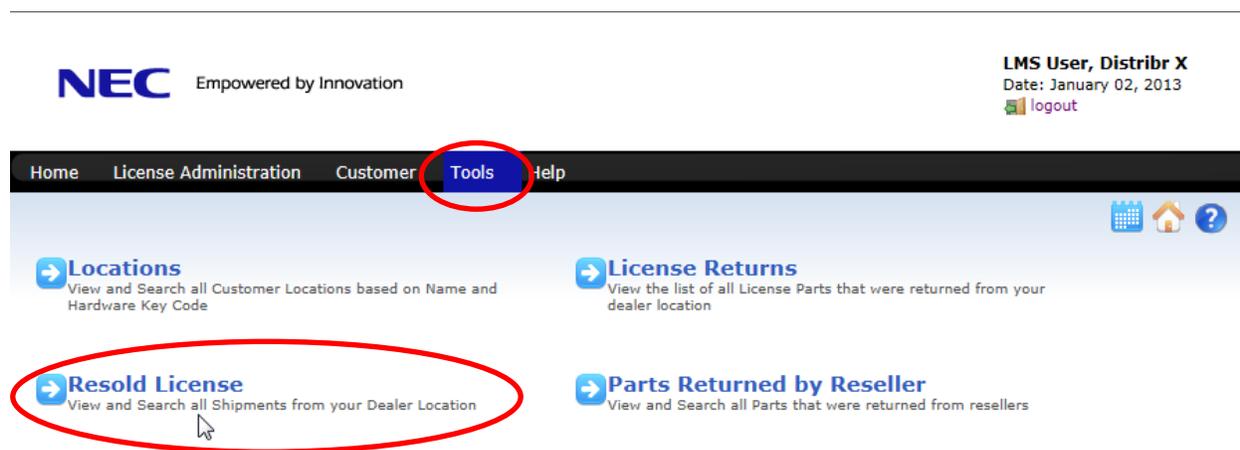


Then Licenses will now be reshipped from the Distributor Business Partners Licenses Bin to the Dealer Business Partners Licenses Bin.

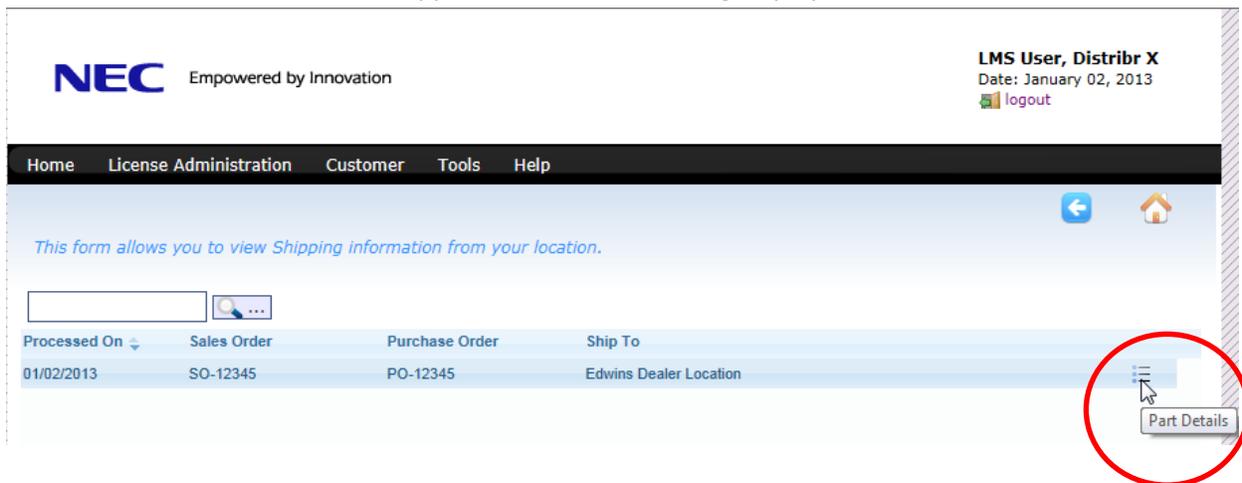
Display reshipped (Resold) licenses

The Distributor Business Partner may check reshipped (resold) licenses as follows:

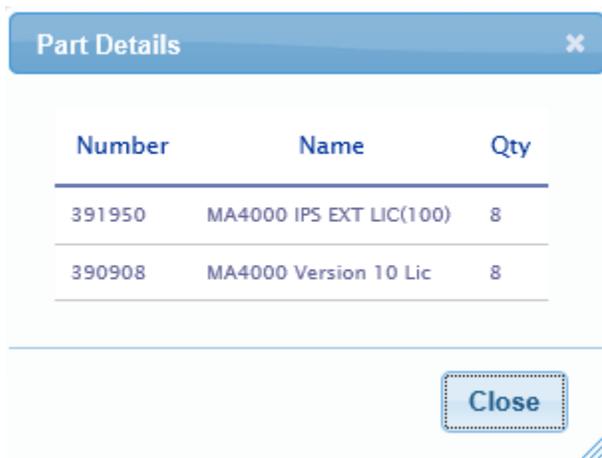
- Go to the Tools menu
- Click on “Resold License”



The order information of the Reshipped licenses is now being displayed.



- Click on Part details for License part numbers and quantity information



Impersonate Dealer/Reseller (for Distributors only)

When a Distributor is logged in with its own User account he can assist its Resellers through impersonation.

By impersonation the Distributor can login with a Reseller User account.

When logged in as Reseller the Distributor will see the same as the Reseller and can do the same actions as the Reseller.

Impersonation will be possible only in case a relation exists between the Reseller and Distributor.

The relation is based upon the 'shipping allowance' for Partner X – Partner Y (to be set in LMS).

Suppose Distributor X wants to Impersonate Reseller Y

Next steps should be followed to impersonate a Reseller when a Distributor is logged on with its own User account

- Start Impersonation in menu Tools
- Enter the Dealer/Reseller User login and click Impersonate
- When impersonated the Reseller can be assisted
- Logout and turn back to own Distributor User account

These steps are explained in more detail in next sections.

Start Impersonation in menu Tools

Logged in with own Distributor User account

- Select menu Tools
- Click Impersonate

The screenshot displays the NEC LMS 10.x user interface. At the top left, the NEC logo is accompanied by the tagline "Orchestrating a brighter world". On the top right, the user is identified as "Ed Distributor X" with a date of "December 29, 2016" and a "logout" button. A navigation bar contains the following items: Home, License Administration, Customer, **Tools** (highlighted with a red box), SoftwareAssurance, and Help. Below the navigation bar, a grid of tool cards is visible. Each card has a blue arrow icon, a title, and a brief description. The "Impersonate" card is located at the bottom left of the grid and is highlighted with a red arrow pointing to it, with the word "click" written next to the arrow. The "Impersonate" card text reads: "Impersonate a Dealer User".

Orchestrating a brighter world
NEC

Ed Distributor X
Date: December 29, 2016
logout

Home License Administration Customer **Tools** SoftwareAssurance Help

Locations
View and Search all Customer Locations based on Name and Hardware Key Code

License Returns
View the list of all License Parts that were returned from your dealer location

Resold/ Reshipped Order Lookup
Review and Search all reshipped Purchase Order/Sales Order.

Parts Returned by Reseller
View and Search all Parts that were returned from resellers

Hardware Key Code Lookup
Search for Details using Hardware Key Code

Software Key Code Lookup
Search for License Details using Software Key Code

Purchase/Sales Order Lookup
Search for License Details by Purchase Order

Hardware Replacement
View and Search all Customer Locations based on Name and Hardware Key Code and Perform Hardware replacement

Parts Inventory
View and Search all Inventory Parts

Customer Locations
View all your Customer Locations

SWA Reservations Escalation
Escalate or Cancel SWA Reservations made by your dealers to NEC Admin

SWA Reservations
View or Cancel SWA Reservations made by your dealership

Impersonate
Impersonate a Dealer User  **click**

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Enter the Dealer-Reseller User Login and click Impersonate

- Either enter Dealer-Reseller name or e-mail address
- When User Information (right side) is populated you can continue impersonation
- Click Impersonate button

Orchestrating a brighter world
NEC

Ed Distributor X
Date: December 29, 2016
logout

Home License Administration Customer Tools SoftwareAssurance Help

Impersonate a Dealer/ Associate: You may impersonate the user credentials of any NEC Associate

User Email/ Name
Dealer Y (edbosscha@emea.nec.com)

User Information
User Name: Dealer Y
Associate Name: Dealer Y(53DC7A98-2F86-4EB0-BB5D-0CAECF3A5BDC)
Location Name: Edwins Dealer Location
Address: Vechtstraat 41,, Den Ham Drenthe Nederland 3455PQ

Impersonate

click ↑

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When impersonated the Reseller can be assisted

- Now Distributor X is logged in as Reseller Y and can see and do the same as the Reseller.

Orchestrating a brighter world
NEC

IMP:Ed Distributor X/Dealer Y
Date: December 29, 2016
logout

Home License Administration Customer Tools SoftwareAssurance Help

License Administration
License Administration: Review new license orders, attach licenses and return licenses

Customer Administration
This section helps you to define new customers and sites associated with customers where the licenses will be registered to.

LMS News Update
Your window to latest news from NEC License Portal

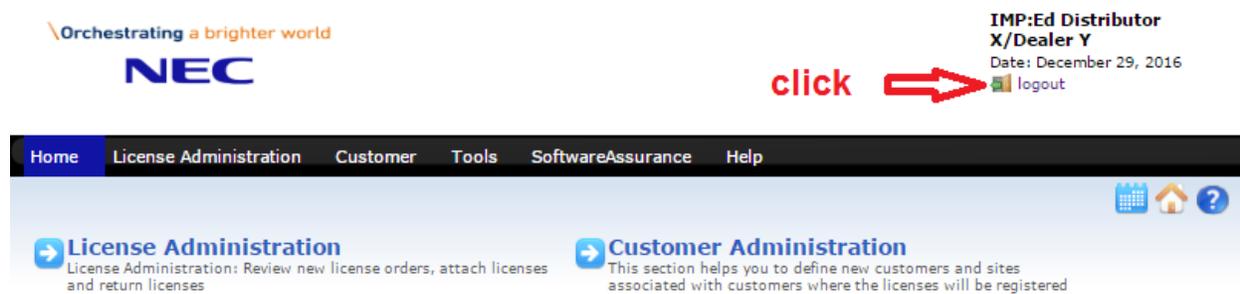
SWA Unit Administration
This section helps you to Administer new SWA Unit Shipments

Easy Nav - Customer Location/ License
Use this tool to search Customer, Customer Locations and navigate to either Customer Locations page or customer location licenses page.
This functionality is available on other pages and accessible by clicking on the following icon.

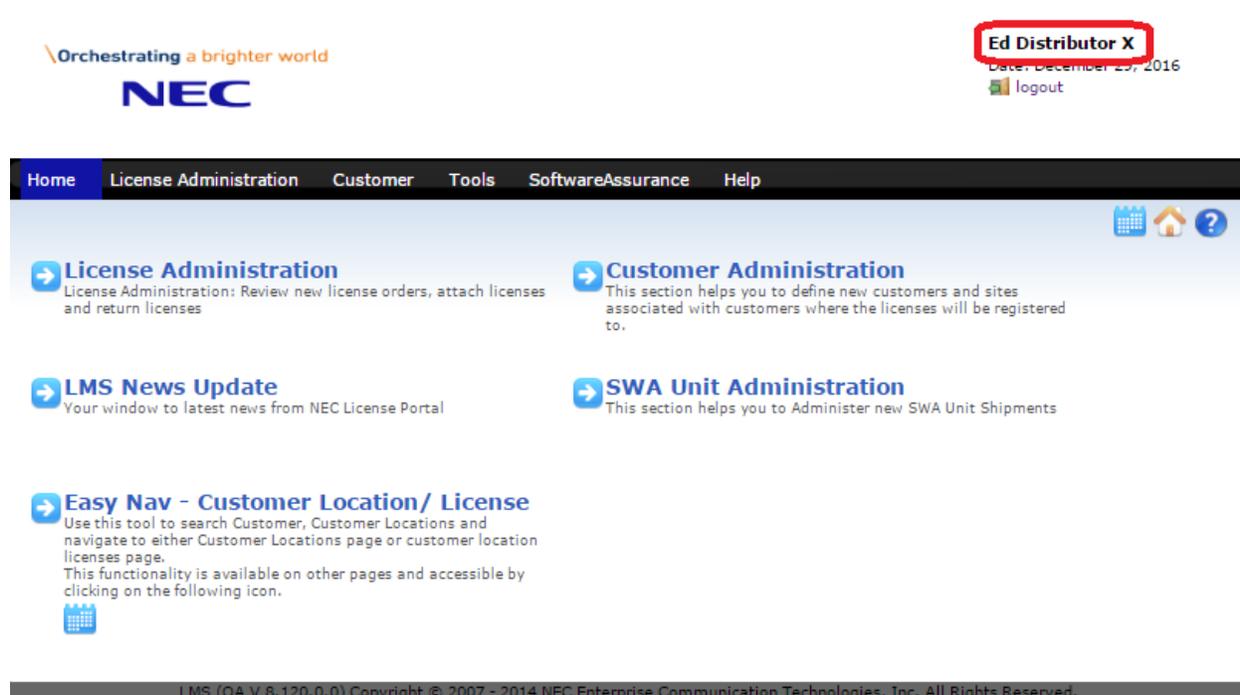
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Logout and turn back to own Distributor User account

- When finished assisting the Reseller click Logout.....



- You will turn back to your own Distributor User account



LMS License handling instructions per System Type

The general way of working is:

- I. Create the new Customer (if existing skip this step)
- II. Create the new Customer Location (system name with Hardware Key Code)
- III. Select and attach the licenses
- IV. Activate the licenses and download license file

Deviations from the general way of working or suggestions that might be useful per System Type, if there are any, are mentioned below.

SL1000/SL1100

There are no deviations from the general way of working.

SL2100

There are no deviations from the general way of working.

SV8100

There are no deviations from the general way of working.

SV9100 CP10 and CP20

There are no deviations from the general way of working.

Note:

There are two system types SV9100 CP10 and SV9100 CP20, each having its own HWKC range.

You have to select the proper system type based on the HWKC

SV8300

There are no deviations from the general way of working.

SV9300

There are no deviations from the general way of working.

SV8500

There are no deviations from the general way of working.

SV8500 and SR-MGC

For SV8500 (main system) there are no deviations from the general way of working.

For SR-MGC(E) or SR-MGC(S) licenses a deviating way of working is applicable.

SR-MGC has to be defined as 'child' location of the main SV8500 system.

Next steps have to be executed:

1. Create the location for the main SV8500 system
2. Attach and Activate licenses on the main SV8500 system
3. Create the location for SR-MGC, as 'child' location of the main SV8500 system
4. Attach and activate licenses for SR-MGC(E) or SR-MGC(S)
5. Activate the licenses and download license file

Create location for the main SV8500 system

- Create location for main SV8500 as usual
- See new location (Main SV8500) created below

The screenshot shows the NEC LMS web interface. At the top left is the NEC logo with the tagline "Empowered by Innovation". At the top right, it displays "LMS User of Distributor X", "Date: March 20, 2013", and a "logout" button. A navigation bar contains links for Home, License Administration, Customer, Tools, SoftwareAssurance, and Help. Below the navigation bar, there are utility icons for back, add, calendar, home, and help. The main content area is titled "Customer Locations: This page lists customer locations". It shows the current customer as "Tons Business" located in "Nederland". There is a "Change Customer" dropdown menu. Below this, there is a search bar and a table of customer locations. The table has two columns: "Name" and "Hardware Key Code". The first row, "Main SV8500- SV8500" with key code "22E76E11299790CBCA0724859BI4", is highlighted with a red box. The second row is "SysOp_Dummy_SV85_1- SV8500" with key code "22E768917A924054910F10599AIG". Each row has a green checkmark and several icons to its right. At the bottom of the page, a footer reads "LMS (V 4.5.8.13) Copyright © 2007 - 2013 NEC Corporation of America. All Rights Reserved."

Name	Hardware Key Code
Main SV8500- SV8500	22E76E11299790CBCA0724859BI4
SysOp_Dummy_SV85_1- SV8500	22E768917A924054910F10599AIG

Attach and Activate licenses on the main SV8500 system

- Activate licenses on the Main SV8500 as usual
- See activated licenses (Main SV8500) below.....


Empowered by Innovation

LMS User of Distributor X
 Date: March 21, 2013
 [logout](#)

Home
License Administration
Customer
Tools
Software Assurance
Help



License Bin: All Attached and Activated Licenses for Customer Location

Location Name	Main SV8500	Anton Philipsweg 1, Hilversum Noord-Holland Nederland 1223KZ
Hardware Key Code	22E76E11299790C8CA0724859BI4	
System	SV8500	License Manager Client Licenses
Location Id	00000000-0000-0000-0000-000000000000	

Attached Licenses

<input type="checkbox"/>	Software Key Code	Part Name(Number)	Qty	Purchase Order	SalesOrder
<div style="background-color: #333; color: white; padding: 5px; display: inline-block;">Activate</div>					

Activated Licenses

Software Key Code	Part Name(Number)	Qty	Purchase Order	SalesOrder	Activated
B0223N18CR2BLT9AP4A0	SV8500 Lic Sys Capacity 384 prts (BE107635)	1	SV8500 lics	SV8500 lics	03/20/2013
H0229DG04P36G6LME898	SV8500 Lic Sys Software S6 (BE111937)	1	SV8500 lics	SV8500 lics	03/20/2013

Regenerate

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Create the location for SR-MGC, as 'child' location of the main SV8500 system

- Click on the "Add SR-MGC Location" Icon

Customer Locations: This page lists customer locations

Tons Business
-, -, Nederland

Name	Hardware Key Code	
Main SV8500 - SV8500	22E76E11299790CBCA0724859B14	✓
SysOp_Dummy_SV85_1- SV8500	22E768917A924054910F10599AIG	✓

Change Customer

Add SR-MGC Location

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- Enter a name for the SR-MGC Location
- Click on the checkbox

Add SRMGC(E/S) Location

Customer Location Details

Customer Name	Tons Business
Location Name	Main SV8500
Address	Anton Philipsweg 1, Hilversum Noord-Holland Nederland 1223KZ

SRMGC (E/S)Location Name
SR-MGC(E) for Main SV8500 system

By selecting the checkbox you are authorizing creation of SRMGC location as Child Location for the above customer location. To continue click on Proceed.

Proceed Cancel

- Click on the Proceed button

Now the SR-MGC location has been created as a 'child' location (see below)

- Note that the Hardware Key Code of the SR-MGC location is a 'TEMP' Key
- Click on the Cancel button to close the pop-up

The screenshot displays the LMS interface with a pop-up window titled "Add SRMGC(E/S) Location". The pop-up contains a message: "SRMGC E/S Location was successfully created" and a note: "Click 'Cancel' to exit this window". The "Cancel" button is circled in red. Below the pop-up, a message bar shows "SRMGC E/S Location was successfully created".

The main interface shows the "Customer Locations" section for "Tons Business - -, Nederland". A table lists customer locations with columns for Name and Hardware Key Code. The row for "SR-MGC(E) for Main SV8500 system-SR-MGC(E) for Main SV8500(22-130320025726-607-TEMP-KEY)" is highlighted with a red box.

Name	Hardware Key Code				
Main SV8500- SV8500	22E76E11299790CBCA0724859BI4	✓	👤	📄	📄
SR-MGC(E) for Main SV8500 system-SR-MGC(E) for Main SV8500(22-130320025726-607-TEMP-KEY		✓	👤	📄	📄
SysOp_Dummy_SV85_1- SV8500	22E768917A924054910F10599AtG	✓	👤	📄	📄

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Attach and Activate licenses on the SR-MGC and download the license file

- Select the licenses for SR-MGC and click Attach button
- In Customer Location Selection select Location, choose the TEMP key and click Attach button

The screenshot shows the LMS 10.x interface. At the top, the NEC logo and 'Empowered by Innovation' are on the left, and 'LMS User of Distributor X' with the date 'March 20, 2013' and a 'logout' link are on the right. A navigation bar includes 'Home', 'License Administration', 'Customer', 'Tools', 'Software Assurance', and 'Help'. Below this, a 'License Administration' section contains a search bar and a table of 'Available Purchase Orders'. The table has columns for 'Purchase Order', 'Part Name', 'Number', 'Qty', and 'Sel'. Two rows are visible, both with red 'X' icons. A 'Customer Location Selection' dialog box is open over the table. It has a 'Select Customer' field and a 'Select Location' field. The 'Select Location' field contains the text 'SV8500 system(22-130320025726-607-TEMP-KEY)' and is highlighted with a red box. Below this field, the dialog displays details for the selected location: 'Name: Tons Business', 'Location Name: SR-MGC(E) for Main SV8500 system-SR-MGC(E) for Main SV8500 system', and 'Address: Anton Philipsweg 1..., Hilversum, Noord-Holland, Nederland'. A yellow box contains two bullet points: 'A SR-MGC location shares a parent to child relationship with the main SV8500 PBX. When activating SR-MGC license(s) they must be attached and activated on a designated SR-MGC customer location which is a different location and must not be SV8500 Parent location.' and 'Only one SV8500 ACD Agent option license is supported per SV8500 PBX system.' At the bottom of the dialog, there are 'Attach' and 'Cancel' buttons, with the 'Attach' button circled in red. In the background, the 'Attach' button on the license list is also circled in red.

Proceed with SR-MGC License activation

- Select all licenses by placing the check marks on the left
- Click Activate button
- In License Activation pop-up put a checkmark and click Proceed button

The screenshot displays the LMS 10.x interface for license activation. At the top, the NEC logo and 'Empowered by Innovation' are visible on the left, and user information 'LMS User of Distributor X' with the date 'March 20, 2013' and a 'logout' link is on the right. A navigation bar includes 'Home', 'License Administration', 'Customer', 'Tools', 'Software Assurance', and 'Help'. Below this, a 'License Bin' section shows details for a customer location: 'SR-MGC(E) for Main SV8500 system', hardware key code '22E76E11299790C8CA07248598I4', system 'SV8500', and location ID '00000000-0000-0000-0000-000000000000'. The 'Attached Licenses' section lists three licenses, each with a checked checkbox. A 'License Activation' dialog box is open in the center, containing a warning message and a checked checkbox for 'Agree to accept terms of License Agreement'. The 'Proceed' button in the dialog is highlighted with a red circle. In the background, the 'Activate' button is also highlighted with a red circle. At the bottom right, there is a 'Regenerate' button. The footer text reads 'LMS (V 4.5.8.13) Copyright © 2007 - 2013 NEC Corporation of America. All Rights Reserved.'

- Licenses are now being activated on the TEMP key and can be downloaded as ZIP file:
22-130320025726-607-TEMP-KEY-svi.zip

Note: the LMS will display the SR-MGC licenses on the main SV8500 Hardware Key Code


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LMS User of Distributor X
Date: March 21, 2013
 [logout](#)

Home
License Administration
Customer
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SoftwareAssurance
Help



License Bin: All Attached and Activated Licenses for Customer Location

Location Name	SR-MGC(E) for Main SV8500 system-SR-MGC(E) for Main SV8500 system	Anton Philipsweg 1., Hilversum Noord-Holland Nederland 1223KZ
Hardware Key Code	22E76E11299790CBCA0724859B14	
System	SV8500	Base System Licenses
Location Id	00000000-0000-0000-0000-000000000000	

Attached Licenses

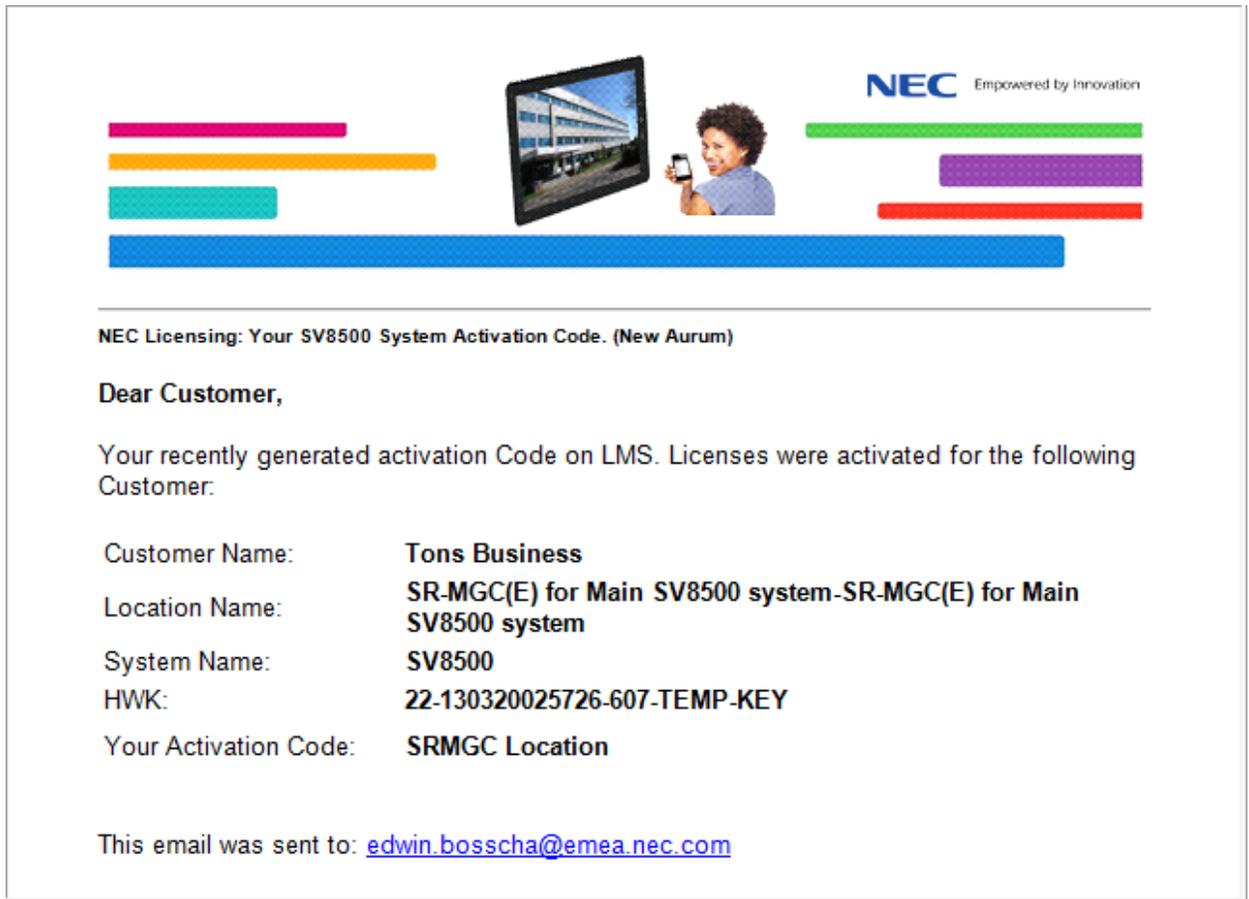
<input type="checkbox"/> Software Key Code	Part Name(Number)	Qty	Purchase Order	SalesOrder
 Activate				

Activated Licenses

Software Key Code	Part Name(Number)	Qty	Purchase Order	SalesOrder	Activated
7P22M73PEV5WPNL67AW2	SR-MGC(E) Lic Sys Software S6 (EU900074)	1	SRMGC licenses PO12:SRMGC licenses SO12:03/20/2013		
1422D4JCL242CF43UVGR	SR-MGC Lic Sys Capacity 1 port (EU900050)	500	SRMGC licenses PO12:SRMGC licenses SO12:03/20/2013		
 Regenerate					

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- An e-mail will be sent, notifying the user about the Activation Code



This is an automatically generated email from BusinessNet, please do not reply.

SV9500 Standard Server Model

The SV9500 Standard Server Model is an application that runs on Linux.

The product is made available as a VMware virtual machine that includes both SV9500 software itself and Linux operating system; no hardware (SV9500 CPU card) is included.

For the Standard Server Model the Customer location creation differs from the general procedure. The Hardware Key Code for the Standard Server Model is created by the LMS itself, after attaching a virtualization option license and entering the “IP address”.

The procedure for creating the customer location and activating the licenses is described below. Follow next steps.

Create a Customer Location for SV9500 Standard Server Model

On the Customer Location page:

- Create a new Customer Location
- Select the System SV9500
- **DO NOT ENTER ANY HARDWARE KEY CODE (leave Primary and Secondary HKC field(s) blank)**

The screenshot shows the 'Create New Customer Location' page in the LMS. The form is titled 'Ed's Business' and 'Holland'. The fields are as follows:

- Location Name: SV9500-Standard Server Module
- Address: Olympia 4
- City: Hilversum
- State/ Province: Noord-Holland
- Country: Holland
- ZIP/ Postal Code: 1213NT
- System: SV9500 (indicated by a red arrow)
- Primary Hardware Key Code: (empty field)
- Secondary Hardware Key Code: (empty field, indicated by a red bracket and 'leave blank')
- IsUMG:
- Hardware Version (Optional): (empty field)
- Software Version (Optional): (empty field)
- Customer Email: Ed@nec.com
- Dealer Email: e.bosscha@nec-unified.com
- Reference Note(Optional): (empty field)

At the bottom right, there is a 'Create' button with a green checkmark icon, indicated by a red arrow and the text 'click'.

- Click Create button → HKC with temp key “35-150601035832-610-TEMP-KEY” will be created.

Attach Virtualization Option License and create HKC for SV9500 Standard Server Model

On the License Administration page

- Select a PO with SV9500 licenses
- **Select the Virtualization Option License only (do not select any other licenses !!)**

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LMS User of Distributor X
Date: June 01, 2015
logout
SWA Status Active →

Home License Administration Customer Tools SoftwareAssurance Help

License Administration: Review new license orders, attach licenses, return licenses, reship licenses.
PBX Parts rows are highlighted in Blue and with icon [icon], Application Parts are highlighted in Green and with icon [icon]

Available Purchase Orders License Administration By Parts

Search: [icon]

Purchase Order	Part Name(Num ber)	Qty	Sel
SV9500 (SSM) Licenses	SV9500 Lic Virtualization Option(BE114234)	1	1
	SV9500 Lic Sys Software V1-1536(BE114511)	1	0
	SV9500 Lic Client BASIC Voice(BE114263)	1000	0

click → **Add**

- Click Add button and click Attach

NEC Empowered by Innovation

LMS User of Distributor X
Date: June 01, 2015
logout
SWA Status Active →

Home License Administration Customer Tools SoftwareAssurance Help

✓ License Part - BE114234 - was successfully added/ updated to the list

License Administration: Review new license orders, attach licenses, return licenses, reship licenses.
PBX Parts rows are highlighted in Blue and with icon [icon], Application Parts are highlighted in Green and with icon [icon]

Available Purchase Orders License Administration By Parts

Search: [icon]

Purchase Order	Purchase Order	Part Name	Number	Qty	Sel
SV9500 (SSM) Licenses	SV9500 (SSM) Licenses	SV9500 Lic Virtualization Option	BE114234	1	1

click ↓

Return ReShip Attach

- Attach the Virtualization Option License to the Standard Server Model TEMP KEY

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LMS User of
Distributor X
Date: June 01, 2015
logout
SWA Status Active

Home License Administration Customer Tools SoftwareAssurance Help

*License Administration: Review new license orders, attach licenses, return licenses, reship licenses.
PBX Parts rows are highlighted in Blue and with icon , Application Parts are highlighted in Green and with icon*

Available Purchase Orders License Administration By Parts

Purchase Order	Purchase Order	Part Name	Number	Qty	Sel
SV9500 (SSM) Licenses		Virtualization Option	BE114234	1	1

Customer Location Selection

Select Customer

Select Location

35-150601035832-610-TEMP-KEY |

SV9500-Standard Server Module(35-150601035832-610-TEMP-KEY)

SV9500-Standard Server Module_LMC(LM35-150601035832-610-TEMP-KEY)

Attach

Recently Attached Licenses

Attached	Customer	Purchase Order	Part Name(Num ber)	Qty
----------	----------	----------------	--------------------	-----

- Enter the IP address and click Create HKC button → Now LMS creates the Hardware Key Code

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LMS User of Distributor X
Date: June 01, 2015
logout
SWA Status Active

Home License Administration Customer Tools SoftwareAssurance Help

License Bin: All Attached and Activated Licenses for Customer Location

Location Name	SV9500-Standard Server Module	Olympia 4 Hilversum Noord-Holland Holland 1213NT
Hardware Key Code	35-150601035832-610-TEMP-KEY	
System	SV9500	List of Locations
Location Id	4a741876-77ce-4019-a026-6f4f4e03c986	

Attached Licenses

Software Key Code	Part Name(Num ber)	Qty	Purchase Order	SalesOrder
9135AE822NVETDU8PRB8	SV9500 Lic Virtualization Option (BE114234)	1	SV9500 (SSM) Licenses	SV9500 (SSM) Licenses

Input SV9500 LAN1(ACT) IP Address and press Create HKC to create a Virtual HKC

123.0.0.105

You can't regenerate Virtual HKC later without LMS Administrators help.

click

- Now LMS creates the HKC and activates the Virtualization option license


Empowered by Innovation

LMS User of Distributor X
 Date: June 01, 2015
[logout](#)
 SWA Status Active 

Home
License Administration
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License Bin: All Attached and Activated Licenses for Customer Location

Location Name	SV9500-Standard Server Module	Olympia 4 Hilversum Noord-Holland Holland 1213NT	
Hardware Key Code	35G00N360103F05000749086E0yQ	IP Address	123.0.0.105
System	SV9500	 List of Locations	
Location Id	4a741876-77ce-4019-a026-6f4f4e03c986		

 **Attached Licenses**

<input type="checkbox"/> Software Key Code	Part Name(Num ber)	Qty	Purchase Order	SalesOrder

 **Activate**

 **Activated Licenses**

Software Key Code	Part Name(Num ber)	Qty	Purchase Order	SalesOrder	Activated
9135AE822NVETDU8PRB8	SV9500 Lic Virtualization Option (BE114234)	1	SV9500 (SSM) Licenses SV9500 (SSM) Licenses 06/01/2015		

 **Regenerate**

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Attach and activate all remaining licenses

On the License Administration page:

- Attach and Activate all remaining SV9500 licenses on the new Hardware Key Code 35G00N360103F0S0007490B6E0yQ



LMS User of Distributor X
 Date: June 01, 2015
[logout](#)
 SWA Status Active 

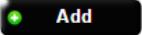
Home
License Administration
Customer
Tools
SoftwareAssurance
Help

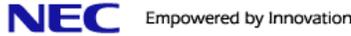
License Administration: Review new license orders, attach licenses, return licenses, reship licenses.
PBX Parts rows are highlighted in Blue and with icon , Application Parts are highlighted in Green and with icon 

Available Purchase Orders License Administration By Parts



Purchase Order	Part Name(Numner)	Qty	Sel
SV9500 (SSM) Licenses	SV9500 Lic Sys Software V1-1536(BE114511)	1	1
	SV9500 Lic Client BASIC Voice(BE114263)	1000	1000

click  



LMS User of Distributor X
 Date: June 01, 2015
[logout](#)
 SWA Status Active 

Home
License Administration
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Help

 License Part - BE114511 - was successfully added/ updated to the list License Part - BE114263 - was successfully added/ updated to the list

License Administration: Review new license orders, attach licenses, return licenses, reship licenses.
PBX Parts rows are highlighted in Blue and with icon , Application Parts are highlighted in Green and with icon 

Available Purchase Orders License Administration By Parts



Purchase Order	Part Name	Number	Qty	Sel
SV9500 (SSM) Licenses	SV9500 Lic Sys Software V1-1536	BE114511	1	1
	SV9500 Lic Client BASIC Voice	BE114263	1000	1000

click 

 Return
 ReShip
 Attach

LMS User of Distributor X
 Date: June 01, 2015
[logout](#)
 SWA Status Active

Home
License Administration
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Tools
Software Assurance
Help

License Administration: Review new license orders, attach licenses, return licenses, reship licenses.

PBX Parts rows are highlighted in Blue and with icon , Application Parts are highlighted in Green and with icon

Available Purchase Orders

License Administration By Parts

Purchase Order	Purchase Order	Part Name	Number	Qty	Sel
SV9500 (SSM) Licenses		ware V1-1536	BE114511	1	1
		SIC Voice	BE114263	1000	100

Customer Location Selection ✕

Select Customer

Select Location

SV9500-Standard Server Module(35G00N360103F0S0007490B6E0yQ)

SV9500-Standard Server Module_LMC(LM35G00N360103F0S0007490B6E0yQ)

Attach

License Bin: All Attached and Activated Licenses for Customer Location

Location Name	SV9500-Standard Server Module	Olympia 4 Hilversum Noord-Holland Holland 1213NT
Hardware Key Code	35C00N360103F05000749086E0yQ	IP Address 123.0.0.105
System	SV9500	List of Locations
Location Id	4a741876-77ce-4019-a026-6f4f4e03c986	

Attached Licenses

Software Key Code	Part Name(Num ber)	Qty	Purchase Order	SalesOrder
<input checked="" type="checkbox"/> KU35GTN2B4T8MU1CGC42	SV9500 Lic Sys Software V1-1536 (BE114511)	1	SV9500 (SSM) Licenses	SV9500 (SSM) Licenses
<input checked="" type="checkbox"/> BR35UGVFH309LPTVGNA2	SV9500 Lic Client BASIC Voice (BE114263)	1000	SV9500 (SSM) Licenses	SV9500 (SSM) Licenses

click **Activate**

Activated Licenses

Software Key Code	Part Name(Num ber)	Qty	Purchase Order	SalesOrder	Activated
9135AE822NVETDU8PRB8	SV9500 Lic Virtualization Option (BE114234)	1	SV9500 (SSM) Licenses	SV9500 (SSM) Licenses	06/01/2015

Regenerate

Home License Administration Customer Tools SoftwareAssurance Help

License Bin: All Attached and Activated Licenses for Customer Location

Location Name	SV9500-Standard Server Module	Olympia 4 Hilversum Noord-Holland Holland 1213NT
Hardware Key Code	35C00N360103F05000749086E0yQ	IP Address 123.0.0.105
System	SV9500	List of Locations
Location Id	4a741876-77ce-4019-a026-6f4f4e03c986	

Attached Licenses

Software Key Code	Part Name(Number)	Qty	Purchase Order	SalesOrder
Activate				

Activated Licenses

Software Key Code	Part Name(Number)	Qty	Purchase Order	SalesOrder	Activated
KU35GTN2B4T8MU1CGC42	SV9500 Lic Sys Software V1-1536 (BE114511)	1	SV9500 (SSM) Licenses	SV9500 (SSM) Licenses	06/01/2015
BR35UGVFH309LPTVGNA2	SV9500 Lic Client BASIC Voice (BE114263)	1000	SV9500 (SSM) Licenses	SV9500 (SSM) Licenses	06/01/2015
9135AE822NVETDU8PRB8	SV9500 Lic Virtualization Option (BE114234)	1	SV9500 (SSM) Licenses	SV9500 (SSM) Licenses	06/01/2015

Regenerate

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Now all licenses are activated. Click Regenerate and download the License file (note the activation code)

License Activation ✕

The Following File(s) were available for download:

No.	Name	Download
1	35C00N360103F05000749086E0yQ-svi.zip	

Note
Activation Code: 3407-7473-3325-4604 

Proceed
Cancel

SV9500 Appliance Server Model

The Appliance Server Model contains hardware (including one or two SV9500 CPU units).

For the Appliance Server Model during Customer location creation you have to enter either one or two (if applicable) different Hardware Key Codes (Primary HWKC and Secondary HWKC).

Hardware Key Code label on the packing and hardware

The Hardware Key Code for Appliance Server Model can be found on a label on the outside of the SV9500 CPU packing and on the backside of the SV9500 CPU unit (QR codes as well as readable format).

Example:

In case you use scanning of the QR code of the SV9500 CPU unit, this will give a result like:

A_3565-A9C3-0842-67EF-2E44-A473-6DI2 for the Primary CPU

A_3565-ACE3-4C8C-5745-F647-08D3-63FK for the Secondary CPU (if applicable)

Create a Customer Location for SV9500 Appliance Server Model

The procedure for creating the customer location and activating the licenses is described below.

Note:

When you create a Location for SV9500 Appliance Server Model you cannot directly paste the scanned QR code(s) into the HWKC field(s) in LMS.

You have to enter the HWKC, without preceding A, underscores and dashes.

Example:

Scanned QR code gives:

A_3565-A9C3-0842-67EF-2E44-A473-6DI2

A_3565-ACE3-4C8C-5745-F647-08D3-63FK

Should be entered in LMS like:

3565A9C3084267EF2E44A4736DI2 (without A_ and without dashes)

3565ACE34C8C5745F64708D363FK (without A_ and without dashes)

Follow next steps. (see next page)

On the Customer Location page:

- Create a new Customer Location
- Select System SV9500
- Enter the Primary Hardware Key Code (first SV9500 CPU)
- Enter the Secondary Hardware Key Code (second SV9500 CPU if applicable)
- Click Create

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LMS User_ SWA Role
Date: July 05, 2019
 Logout

Home License Administration Customer Tools SoftwareAssurance Help

Create New Customer Location: Define new NEC customer location information

Hideo Communications
Olympia 4, Hilversum, Netherlands

Location Name
SV9500 Appliance

Address
Olympia 4

City
Hilversum

State/ Province
YES

Country
--Select--

ZIP/ Postal Code
1213NT

System
SV9500

Primary Hardware Key Code
3565A9C3084267EF2E44A4736DI2

SecondaryHardwareKeyCode
3565ACE34C8C5745F64708D363FK

Hardware Version (Optional)

Software Version (Optional)

Customer Email
Hideo@NL.nl

Dealer Email
edwin.bosscha@nec-unified.com

Reference Note(Optional)

Verticals
None

Create

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Attach and activate licenses

There are no deviations from the general way of working.

SV9500 Small Enterprise Model (SV9500 SE)

The SV9500 Small Enterprise Model is an IP-based system with a dedicated set of SV9500 SE (V7) licenses, limited Port capacity (1536) and can only be deployed on 1.5U Chassis; i.e. the latest SR-MGC(E)-C

Create a Customer Location for SV9500 Small Enterprise Model

On the Customer Location page:

- Create a new Customer Location
- Select System SV9500
- Select checkbox SV9500 SE
- Enter the MAC Address -> this will automatically create a HWKC
- Click Create



Ed Distributor X
Date: September 18, 2019
 Logout

Home License Administration Customer Tools SoftwareAssurance Help

Create New Customer Location: Define new NEC customer location information

Andre's Business
NL

<p>Location Name <input type="text" value="SV9500SE-1"/></p> <p>Address <input type="text" value="-"/></p> <p>City <input type="text" value="-"/></p> <p>State/ Province <input type="text" value="-"/></p> <p>Country <input type="text" value="Netherlands"/></p> <p>ZIP/ Postal Code <input type="text" value="1213NT"/></p>	<p>System <input type="text" value="SV9500"/></p> <p><input checked="" type="checkbox"/> 9500 SE</p> <p>MAC Address <input type="text" value="6CE4DA01378C"/></p> <p>Hardware Version (Optional) <input type="text"/></p> <p>Software Version (Optional) <input type="text"/></p> <p>Customer Email <input type="text" value="andre@work.nl"/></p> <p>Dealer Email <input type="text" value="e.bosscha@nec-unified.com"/></p> <p>Reference Note(Optional) <input type="text"/></p> <p>Verticals <input type="text" value="Education"/></p>
---	--

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Attach and activate licenses

There are no deviations from the general way of working.

iS3000 and SIP@Net Server

Using a Dongle or CIE-2 or CPU3000 board as Hardware Key Code

There are no deviations from the general way of working.

Using Full Computer name (Dongle less method) as Hardware Key Code

There are no deviations from the general way of working, however in case of Dongle less method you have to enter the Full Computer Name when creating the Customer Location.

The LMS will then automatically create a Hardware key Code....see description below.

Create a Customer Location with Full Computer Name (Dongle less method)

On the Customer Location creation page:

- Enter the Location name
- Select the System type iS3000 / SIP@Net Server
- Enter the Full Computer Name in the Hardware Key Code / Full Computer Name field
Remark: FCN capitals will automatically be converted to small caps
- Click Create button

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LMS User_ SWA Role
Date: March 14, 2017
logout

Home License Administration Customer Tools SoftwareAssurance Help

Create New Customer Location: Define new NEC customer location information

Ed Austria
No street, No city , Austria

Location Name
SIP@Net location using FCN

Address
No street

City
No city

State/ Province
No state

Country
Austria

ZIP/ Postal Code
1234

System
iS3000 / SIP@Net Server

Hardware Key Code/Full Computer Name
HVPC030PBX.DEVNLNEC.LOCAL

Hardware Version (Optional)
|

Software Version (Optional)
|

Customer Email
EdBos@PKE.AT

Dealer Email
edwin.bosscha@nec-unified.com

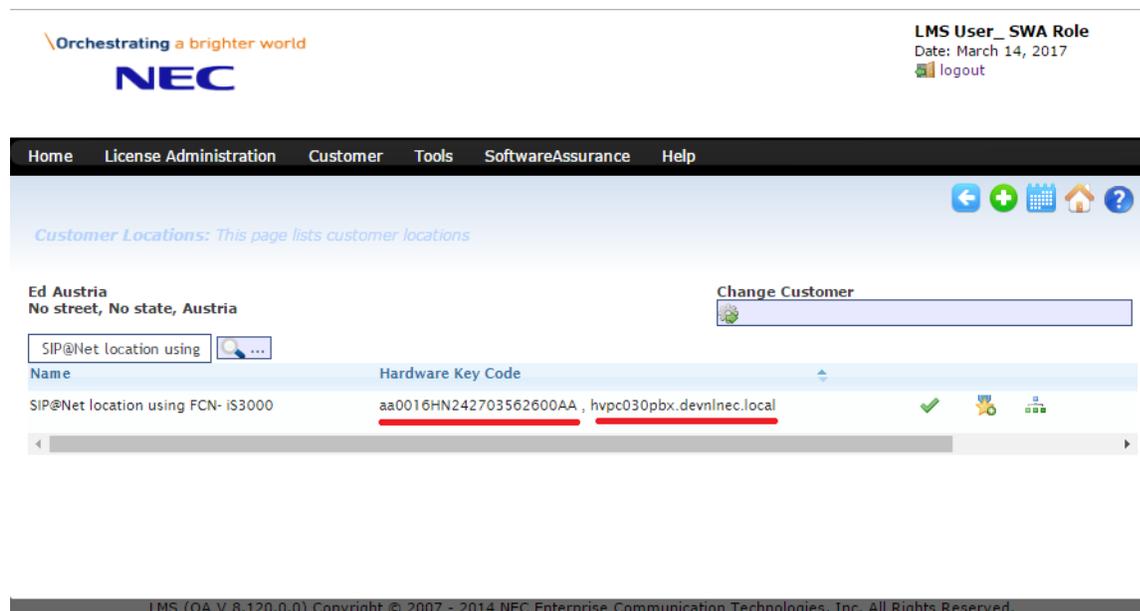
Reference Note(Optional)
|

Verticals
None

"click"

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The result in LMS will be that a Customer Location is created with a unique Hardware Key Code. Note that the Full Computer Name is displayed as well.



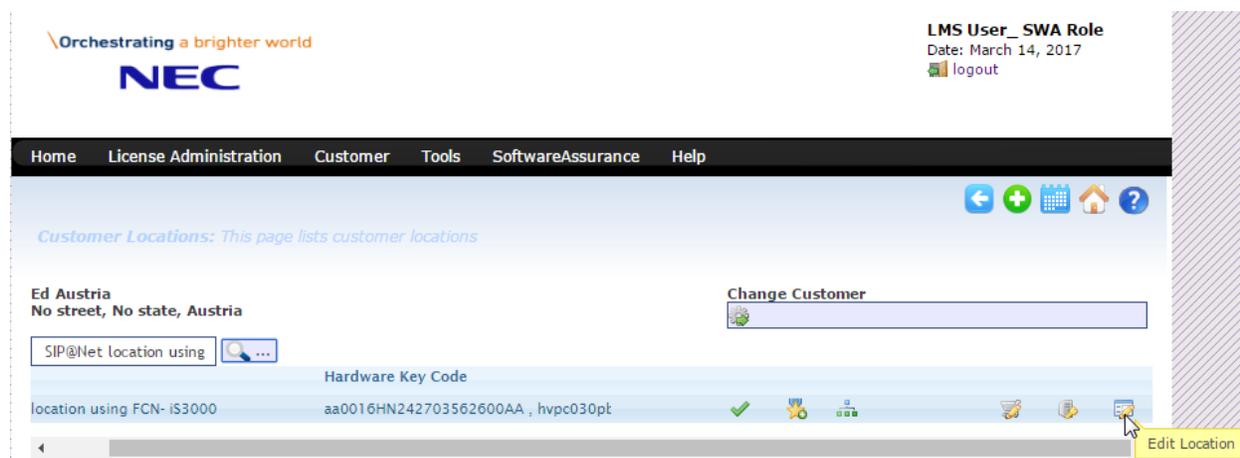
Remark:

Once the Customer Location is being created, with virtual HWKC aa0016HN242703562600AA, it will never have to be replaced. So a Hardware Replacement should not be requested for.

Changing Full Computer Name

In case the Full Computer Name has to be changed it can be updated as follows

- Search the Location and select Edit Location



- Change the FCN hvpc030pbx.devlnec.local → hvpc040pbx.devlnec.local
- Click Update

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NEC

LMS User_ SWA Role
Date: March 14, 2017
logout

Home License Administration Customer Tools SoftwareAssurance Help

← 📅 🏠 ?

Edit Customer Location Details: Edit and Update NEC customer location information

Location Name SIP@Net location using FCN	ProductName iS3000
Address No street	Primary Hardware Key Code (optional) aa0016HN242703562600AA
City No city	Full Computer Name hvpc040pbx.devlnec.local
Country Austria	Hardware Version (optional)
State/ Province No state	Software version (optional)
ZIP/ Postal Code 1234	Reference Note(Optional)
Customer Email (EULA email address) EdBos@PKE.AT	Dealer Email edwin.bosscha@nec-unified.com
	Verticals None ▼

"click"

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License Attachment and Activation for Dongle less method

Licenses will have to be attached and activated on the SIP@Net Hardware Key Code aa0016HN242703562600AA as usual.

iS3000 and SIP@Net Server in case SWA is applicable

A remark has to be made when SWA is applicable.

Remark:

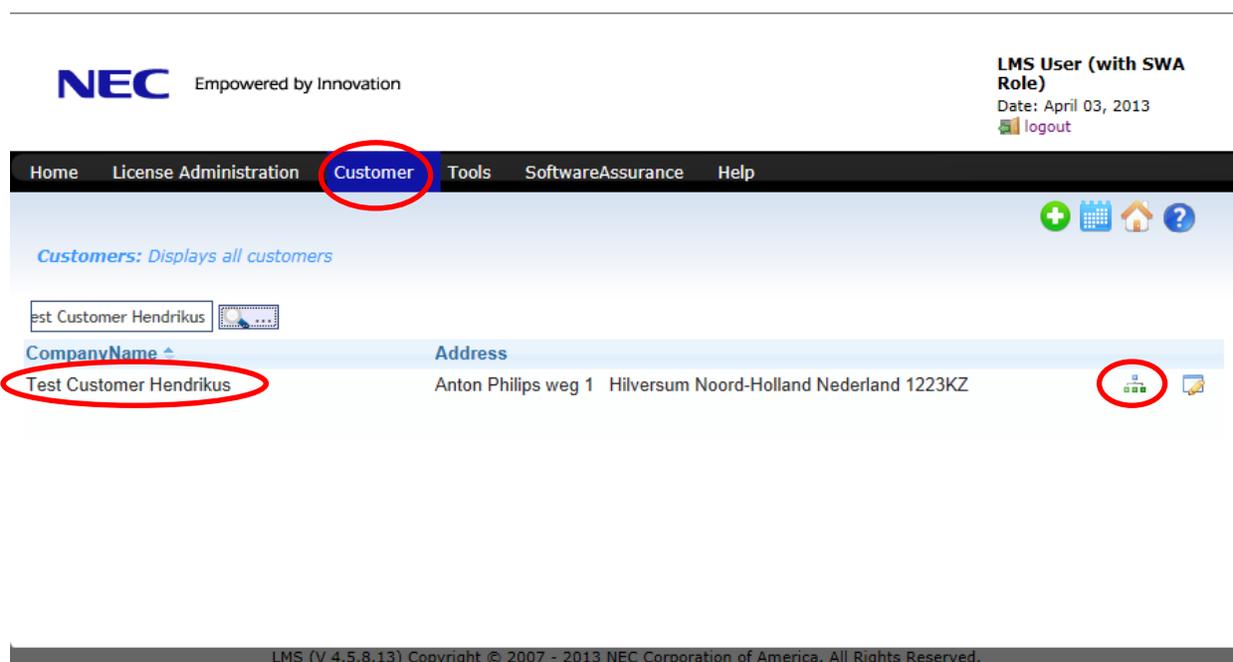
In case Software Assurance has been chosen on the Order, the Lic-073 upgrade allowance license is not included and can be obtained 'Free Of Charge' as Lic-078 from the LMS.

See also the Section about Free Of Charge Licenses.

Note: Lic-073 (or Lic-078) is absolutely required to make the iS3000/ SIP@Net Server System operational.

When SWA has been activated on the Customer Location (Hardware Key Code) of iS3000 /SIP@Net Server platform the Lic-078 can be obtained (instead of Lic-073) from the LMS as follows:

- In Customer Administration select the Customer and click on Customer Locations



NEC Empowered by Innovation

LMS User (with SWA Role)
Date: April 03, 2013
logout

Home License Administration **Customer** Tools SoftwareAssurance Help

Customers: Displays all customers

est Customer Hendrikus

CompanyName	Address
Test Customer Hendrikus	Anton Philips weg 1 Hilversum Noord-Holland Nederland 1223KZ

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- Select the Customer Location and click on the SWA Logo

NEC Empowered by Innovation

LMS User (with SWA Role)
Date: April 03, 2013
logout

Home License Administration Customer Tools SoftwareAssurance Help

Customer Locations: This page lists customer locations

Test Customer Hendrikus
Anton Philips weg 1 , Noord-Holland, Nederland

Change Customer

Name	Hardware Key Code	
SIP@Net - hvo13120003A- iS3000	aa0014SA2792883507AA	SWA

App Id--Agreement Number--Expiry Date
SIP@Net--50IS0-TMZK79764-N--02/28/2014
Click on the SWA Icon to Navigate to Assurance Download page

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- Click on the “Show Downloads” Icon

NEC Empowered by Innovation

LMS User (with SWA Role)
Date: April 03, 2013
logout

Home License Administration Customer Tools SoftwareAssurance Help

Software Assurance Home Page: View Manage software assurance license requests.

Base Hardware Key Code	aa0014SA2792883507AA
Location Name	Test Customer Hendrikus - SIP@Net - hvo13120003A
Location Address	Anton Philipsweg 1, Hilversum Noord Holand Nederland 1223KZ
External Location Id	d10d0af9-d78a-446b-932e-7cd38e8c637b

Assured Applications

Name	Agreement Number	Status	Expiry Date
iS3000	50IS0-TMZK79764-N	SWA	02/28/2014

Upgrade Licenses

Show Downloads

LMS (V 4.5.8.13) Copyright © 2007 - 2013 NEC Corporation of America. All Rights Reserved.

- Select the Lic-078 (iS3000 License Icon, right hand corner) and in Assured License box
- Click on the checkbox
- Click Attach

The screenshot displays the NEC LMS Software Assurance interface. At the top, the NEC logo is on the left, and the user's role 'LMS User (with SWA Role)' and date 'April 03, 2013' are on the right. A navigation bar includes 'Home', 'License Administration', 'Customer', 'Tools', 'Software Assurance', and 'Help'. Below the navigation bar, there are navigation icons and a message: 'Software Assurance Home Page: View Manage software assurance license requests.'

Key information fields are shown:

- Base Hardware Key Code: aa00145A2792883507AA
- Location Name: Test Customer Hendrikus - SIP@Net - hvo13120003A
- Location Address: Anton Philipsweg 1, Hilversum Noord Holand Nederland 1223KZ
- External Location Id: d10d0af9-d78a-

The 'Assured Applications' section shows:

- Name: iS3000
- Agreement Number: 50ISO-TM
- Upgrade Licenses: [Icon]

The 'Assured Licenses' dialog box is open, displaying the following licenses available:

Number	Name
<input checked="" type="checkbox"/> 960026473134	Lic 078 - SWA Upgrade Q4-2013

Selected Licenses will be applied to :
Test Customer Hendrikus - SIP@Net - hvo13120003A

The dialog box has 'Attach' and 'Close' buttons. The 'Attach' button is circled in red. In the background, the 'SWA' logo and date '02/28/2014' are visible. At the bottom, a table lists 'iS3000' licenses with version '5' and license icons. The icon in the bottom right row is circled in red.

Footer: LMS (V.4.5.8.13) Copyright © 2007 - 2013 NEC Corporation of America. All Rights Reserved.

- Select the Attached License
- Click Activate

LMS User (with SWA Role)
 Date: April 03, 2013
[logout](#)

Home
License Administration
Customer
Tools
SoftwareAssurance
Help

License Bin: All Attached and Activated Licenses for Customer Location

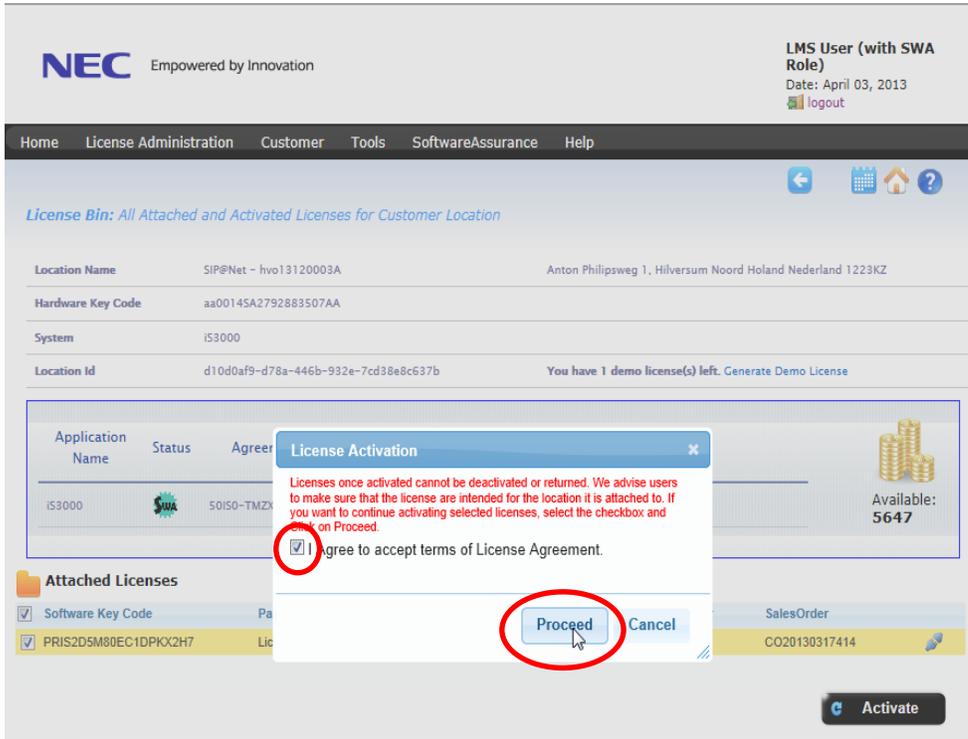
Location Name	SIP@Net - hvo13120003A	Anton Philipsweg 1, Hilversum Noord Holand Nederland 1223KZ
Hardware Key Code	aa00145A2792883507AA	
System	iS3000	
Location Id	d10d0af9-d78a-446b-932e-7cd38e8c637b	You have 1 demo license(s) left. Generate Demo License

Application Name	Status	Agreement#	Expires	SWA Units required
iS3000		50IS0-TMZX79764-N	02/28/2014	Available: 5647

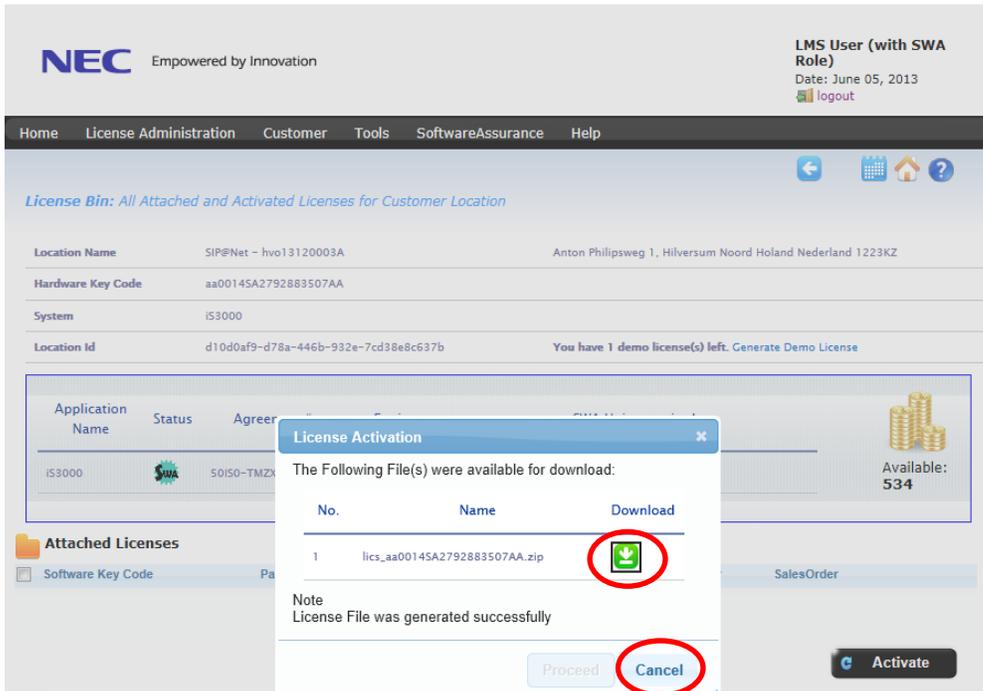
Attached Licenses

	Software Key Code	Part Name(Number)	Qty	Purchase Order	SalesOrder
<input checked="" type="checkbox"/>	PRIS2D5M80EC1DPKX2H7	Lic 078 - SWA Upgrade Q4-2013 (960026473134)	1	SA20130317414	CO20130317414

- Click on the checkbox
- Click Proceed



- And download the license file
- When done click cancel to close the Pop up window



3C and 3C CAT2

There are no deviations from the general way of working, but something has to be said about using the Hardware Key Code for 3C.

Domain name and Hardware Key Code for 3C and 3C CAT 2

For 3C product licensing the “Domain name” is required.

Since the “Domain name” may not be unique a “3C Hardware Key Code” is introduced as well.

This Hardware Key Code is automatically created by LMS when creating the Customer Location for 3C.

Create a Customer Location for 3C and 3C CAT2

On the Customer Location creation page:

- Enter the Location name
- Select the System type 3C or 3C CAT2 (whatever is applicable)
- Enter Domain name
- Click Create button

NEC Empowered by Innovation

LMS USER (with SWA Role)
Date: December 11, 2013
logout

Home License Administration Customer Tools SoftwareAssurance Help

Create New Customer Location: Define new NEC customer location information

ROMICO B.V.
Slokkerweg 14 , Rotterdam, Nederland

Location Name
3C System

Address
Slokkerweg 14

City
Rotterdam

State/ Province
Zuid-Holand

Country
Nederland

ZIP/ Postal Code
2470BD

System
3C

Domain Name
domain.local

IsUMG

Hardware Version(Optional)

Software Version(Optional)

Reference Note(Optional)

Create

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The result in LMS will be that a Customer Location is created with a unique Hardware Key Code.

The screenshot displays the NEC LMS interface. At the top left is the NEC logo with the tagline "Empowered by Innovation". At the top right, the user is identified as "LMS USER (with SWA Role)" with a date of "December 11, 2013" and a "logout" link. A navigation bar contains links for "Home", "License Administration", "Customer", "Tools", "SoftwareAssurance", and "Help". Below this, there are utility icons for back, add, calendar, home, and help. The main content area is titled "Customer Locations: This page lists customer locations". It shows details for "ROMICO B.V. Slokkerweg 14 , Zuid-Holand, Nederland" and a "Change Customer" button. A table lists customer locations with columns for "Name", "Hardware Key Code", and action icons. The first entry is "3C System- 3C" with a "Hardware Key Code" of "3CE9A629C0A6 domain.local", where the key code is highlighted with a red box. The footer contains the text "LMS (V 5.0.22.0) Copyright © 2007 - 2013 NEC Enterprise Communication Technologies, Inc. All Rights Reserved."

License Attachment and Activation for 3C and 3C CAT2

Licenses will have to be attached and activated on the 3C Hardware Key Code as usual.

MA4000 / MA4000 EM / CTI / UIP

There are no deviations from the general way of working.

Keep in mind that licensing of MA4000 System Management, MA4000 Expense Management , CTI and UIP is done with 'LMC' method, which is applicable for System Types SV8300, SV8500, SV9300, SV9500 , iS3000/SIP@Net Server and 3C.

In the 'LMC' method the MA4000 System Management, MA4000 Expense Management , CTI are using the License Manager Client application, that reads the Hardware Key Code of the IP-PBX which is used to attach and activate the licenses on.

In the 'LMC' method of UIP an internally in LMC generated Hardware Key Code is used to attach and activate licenses on.

Remark

MA4000, MA4000 EM and CTI share the same Hardware Key Code.

Way of working for MA4000 SM, MA4000 EM and CTI

Next steps have to be executed

- Create the new Customer (if existing skip this step)
- Create the new Customer Location (system name with Hardware Key Code)
 - For SV8300 and SV8500, SV9300 and SV9500 the location is already available in LMS, as a Child Location of the PBX.
 - For iS3000 create an MA4000 / MA4000 EM / CTI location, enter HWKC using format LMIS0014SA2792882418, LMIS0024IC960002104009xxx12345 or LMIS0024IA956215554211xxx12345

[remove 'aa' and 'AA' and add 'LMIS' to the iS3000 HWKC]

- Select and attach the licenses to the Customer Location

Note: check attaching to the proper HWKC format!

- SV8300 HWKC (example): LM18CYG-IPS-00000000BJZ02329QK
 - SV8500 HWKC (example): LM22CC538207AFD059020340CD57xO
 - iS3000 HWKC (example): LMIS0014SA2792882418
- Activate the licenses and download license file

DECT

In LMS a differentiation exists between Full DAP Controller DECT Systems and Unlicensed DAP Controller DECT Systems

Full DAP Controller DECT Systems

These are DECT Systems having one or more Access Point licenses (EU917062 - IPDECT 1 AP Cap Lic)

LMS System Type: IP DECT

Minimum licenses required

At least 1 license Part EU917062 (IPDECT 1 AP Cap Lic) must be selected (or be available on expansion) to create a license file.

Unlicensed DAP Controller DECT Systems

These are DECT Systems without Access Point licenses (EU917062 - IPDECT 1 AP Cap Lic)

LMS System Type: DECT - NS

Just one license allowed

The only license part that can be activated is the 1 x EU910010 - DMLS Discounted Messaging License.

Expansion with other license parts is not possible.

DECT License File Upload

From DECT Release 6 onwards licenses are being registered in LMS.

The purpose of DECT License File Upload is to enter the license details in LMS of an existing old DECT system, that is before Release 6,

When registered in LMS the DECT system can then be expanded with licenses needed for Release 6.

Note1:

DECT License File Upload can only be done once and should be done as a first action (no licenses may be activated already)

Note 2:

After having uploaded the license file into LMS please register a call to the [NEC License Desk](#) and request for deactivation of the PARI in the (old) PBC license generator database. This is mandatory for later system expansion and/or calculation of software assurance.

Next steps have to be executed:

- In the **DECT Manager** at the Customer site create a DECT license file of the existing system

Proceed in LMS with the general way of working:

- Create the new Customer (if existing skip this step)
- Create the new Customer Location (system name with Hardware Key Code)
 - Select System DECT
 - Enter Hardware Key code = PARI of the existing DECT system (example 1FFFFFF9)
 - Click Create

NEC Empowered by Innovation

LMS User of Distributor X
Date: November 04, 2014
logout
SWA Status Active

Home License Administration Customer Tools SoftwareAssurance Help

Create New Customer Location: Define new NEC customer location information
Once a customer location is successfully created the End User License agreement is sent automatically to the EULA email address defined under the customer information.

Ed's Business
→ → Holland

Location Name: DECT System

Address: -

City: -

State/ Province: -

Country: Holland

ZIP/ Postal Code: 1234AB

Customer Email (EULA email address): Ed@nec.com

System: DECT

Primary Hardware Key Code optional: 1FFFFFF9

Hardware Version (Optional):

Software Version (Optional): 5

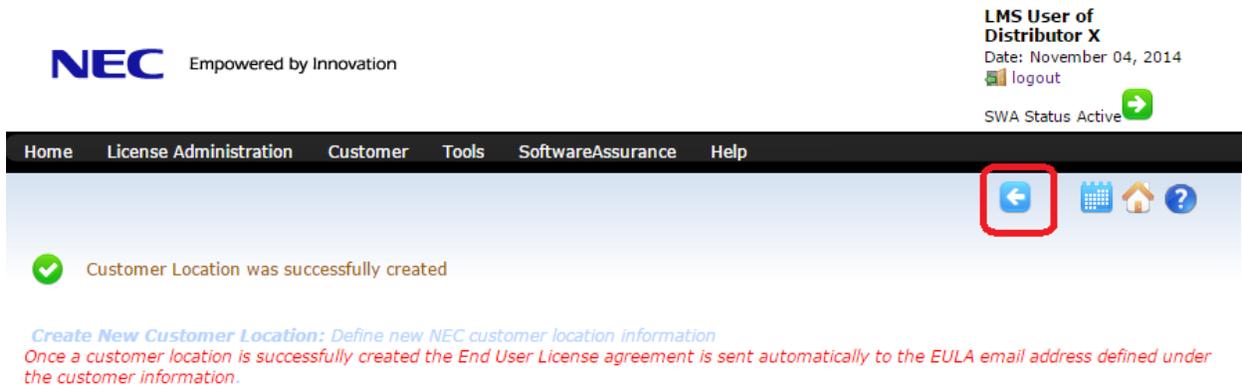
Reference Note(Optional):

Dealer Email: e.bosscha@nec-unified.com

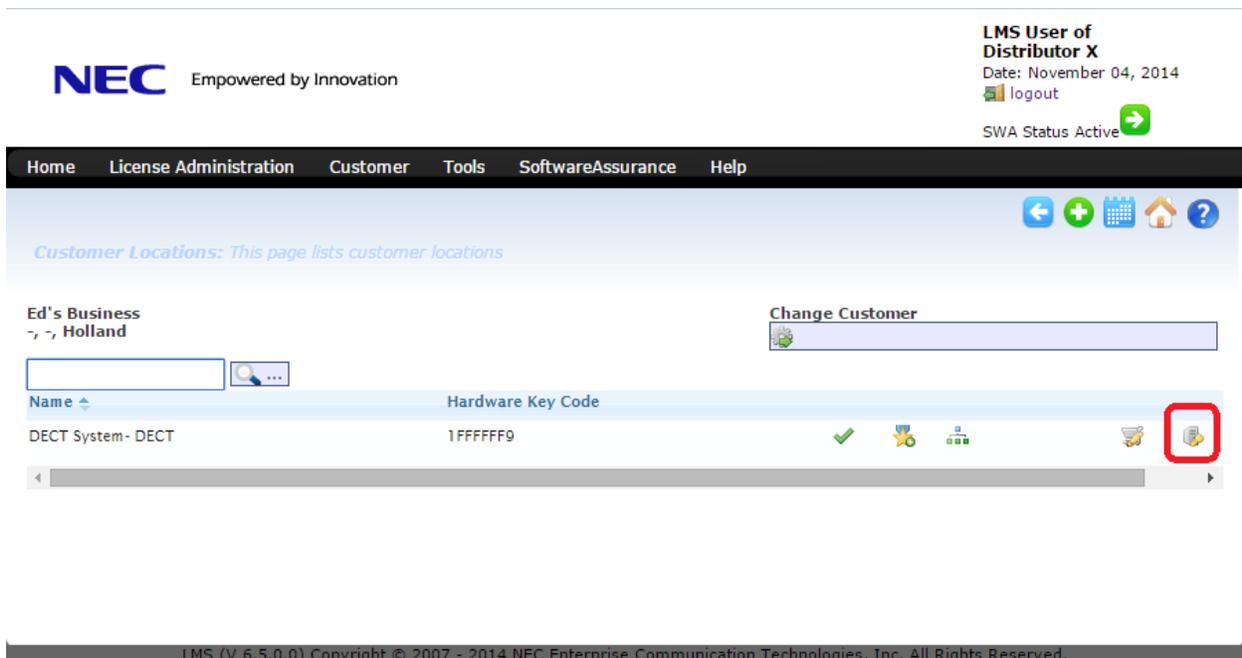
Create

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- Location was created successfully
 - Click back arrow



- On Customer Location page click on the Licenses Icon of DECT Location



- On the License page of the DECT Location click on License File Upload Icon

NEC Empowered by Innovation

LMS User of Distributor X
 Date: November 04, 2014
 logout
 SWA Status Active

Home License Administration Customer Tools SoftwareAssurance Help

License Bin: All Attached and Activated Licenses for Customer Location

Location Name	DECT System	-- - Holland 1234AB
Hardware Key Code	1FFFFFF9	
System	DECT	
Location Id	307425a6-1016-4871-817b-ffc136f92f83	

- Now **Browse** to the DECT license file and **click Upload File**, or click Back Arrow if you do not have a DECT Upload File or if you want to do Upload later (next section)

NEC Empowered by Innovation

LMS User of Distributor X
 Date: November 04, 2014
 logout
 SWA Status Active

Home License Administration Customer Tools SoftwareAssurance Help

DECT License Data import : Import License information from existing DECT system by uploading special file generated from DECT system. In case of a new Location skip this page (click Back Arrow)

Bestand kiezen

- Now verify the uploaded licenses details and if correct click Import button

Home License Administration Customer Tools SoftwareAssurance Help

Verify License File details.

DECT License Data import : Import License information from existing DECT system by uploading special file generated from DECT system. In case of a new Location skip this page (click Back Arrow)

Bestand kiezen Geen bestand gekozen Upload File

Customer Name	Ed's Business
Customer Location Name	DECT System
Address	-
System	DECT
Hardware Key Code	1 FFFFFFF9

#	Part Name - Number	Qty
1	IPDECT 1 AP Cap Conv Lic- EU917017	50
2	IPDECT Messaging 1 AP Lic- EU917027	50
3	IPDECT Location 1 AP Lic- EU917028	50
4	IPDECT Redundancy Lic- EU917005	1
5	IPDECT Branch Survivab. Lic- EU917006	1
6	IPDECT Cruise Lic- EU917024	1
7	IPDECT Large Configuration Lic- EU917023	1
8	IPDECT I755x Lic- EU917012	1
9	IPDECT Reflection Cancelling Lic- EU917022	1
10	IPDECT Upgrade Allowance 1 AP Lic- EU917029	50

Import

- The result is existing licenses registered on the PARI of the existing DECT system

Empowered by Innovation

LMS User of Distributor X
 Date: November 04, 2014
[logout](#)
 SWA Status Active ➔

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License Administration
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Tools
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Help

←
📅
🏠
?

License Bin: All Attached and Activated Licenses for Customer Location

Location Name	DECT System	--- Holland 1234AB
Hardware Key Code	1FFFFFF9	
System	DECT	
Location Id	307425a6-1016-4871-817b-ffc136f92f83	

Attached Licenses

<input type="checkbox"/> Software Key Code	Part Name(Num ber)	Qty	Purchase Order	SalesOrder
<div style="background-color: #333; color: white; padding: 5px 10px; display: inline-block;"> ➔ Activate </div>				

Activated Licenses

Software Key Code	Part Name(Num ber)	Qty	Purchase Order	SalesOrder	Activated
XWDEMVMUNJMDCH1VNL2E	IPDECT Cruise Lic (EU917024)	1	M-120140416372	M-120140416372	11/04/2014
N6DE9EUXBC1F1TTRDEP0	IPDECT Redundancy Lic (EU917005)	1	M-120140416372	M-120140416372	11/04/2014
T0DE8JXW65R041GK8ENT	IPDECT 1 AP Cap Conv Lic (EU917017)	50	M-120140416372	M-120140416372	11/04/2014
EUDEEAVCUPKETCKLVJUH	IPDECT Reflection Cancelling Lic (EU917022)	1	M-120140416372	M-120140416372	11/04/2014
2NDEL2RTHBEWFNNNHM19	IPDECT I755x Lic (EU917012)	1	M-120140416372	M-120140416372	11/04/2014
P6DEVG870FFRK72UPKFD	IPDECT Upgrade Allowance 1 AP Lic (EU917029)	50	M-120140416372	M-120140416372	11/04/2014
B0DEVNE3D0UGN5KMDUMJ	IPDECT Messaging 1 AP Lic (EU917027)	50	M-120140416372	M-120140416372	11/04/2014
3CDEJUN0DJ4BR3DLLGAA	IPDECT Branch Survivab. Lic (EU917006)	1	M-120140416372	M-120140416372	11/04/2014
J4DE4FJ0T0MWN94B27MN	IPDECT Location 1 AP Lic (EU917028)	50	M-120140416372	M-120140416372	11/04/2014
NFDEKJH1MF01GW8V4E4T	IPDECT Large Configuration Lic (EU917023)	1	M-120140416372	M-120140416372	11/04/2014

⏪ ⏩
Page 1 of 1
View 1 - 10 of 10

➔ **Regenerate**

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DECT License File Upload later

- In case you decided to upload the DECT license file later then go to the Customer Location and click on License Information Icon

NEC Empowered by Innovation

LMS User of Distributor X
Date: July 02, 2013
logout

Home License Administration Customer Tools Help

Customer Locations: This page lists customer locations

Dirks Business
KOC 139 , Noord-Holland, Nederland

1FFFFFF5

Change Customer

Name	Hardware Key Code
DECT - 1FFFFFF5- DECT	1FFFFFF5

License Info

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- Then click on the License file Upload button

NEC Empowered by Innovation

LMS User of Distributor X
Date: July 02, 2013
logout

Home License Administration Customer Tools Help

License Bin: All Attached and Activated Licenses for Customer Location

Location Name: DECT - 1FFFFFF5
STREET, TOWN STATE COUNTRY ZIP CODE

Hardware Key Code: 1FFFFFF5

System: DECT

Location Id

Attached Licenses

Software Key Code	Part Name(Number)	Qty	Purchase Order	SalesOrder
-------------------	-------------------	-----	----------------	------------

Activate

Activated Licenses

Software Key Code	Part Name(Number)	Qty	Purchase Order	SalesOrder	Activated
-------------------	-------------------	-----	----------------	------------	-----------

Regenerate

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- Then browse to and import the License file as described earlier

Error messages and what should I do?

Following error messages may occur:

UNKNOWN_ERROR

User action: Contact the LMS Administrator

NOT_APPLICABLE

User action: Contact the LMS Administrator

INVALID_HARDWARE_KEYCODE

User action: Enter a valid Hardware Key Code, format 8 hex digits starting with 1 (e.g. 1009FFFE)

INVALID_FEATURE_CODE_STRING

User action: Check if minimal 1 x IPDECT 1 AP Cap Lic (EU917062) is included.

INVALID_FEATURE_CODE

User action: Contact the LMS Administrator

INVALID_FEATURE_QUANTITY

User action:

1. Check if minimal 1 x IPDECT 1 AP Cap Lic (EU917062) is included.
2. Check if number of DSWU (upgrade feature) licenses is equal to the number of DAP licenses.
3. Check if the number of Messaging and/or Location licenses is equal or higher than the number of DAP licenses.

INVALID_FEATURE_TIMESTAMP

User action: Contact the LMS Administrator

CANNOT_WRITE_LICENSE_FILE

User action: Contact the LMS Administrator

BCT

For BCT there are no deviations from the general way of working.

BCT can be licensed in a number of ways, without a Dongle (Dongle less) or with a Dongle

Without a Dongle

There are 4 ways of BCT Licensing, dependent on the System type

LMC

In this method the BCT licenses have to be activated on the HWKC of the PBX (preceded by LM or LMIS). This method can be used for BCT licensing on SV8300, SV9300, SV8500, SV9500, 3C, SIP@Net Server, iS3000, SV7000, 2000IPS.

Note:

An LMC location (Child location) is automatically created in case a location for SV8300, SV9300, SV8500, SV9500 platform was created.

For other PBXs the LMC location has to be created manually, the system type is: License Manager Client.

3C and 3C CAT2

In case BCT is used on 3C or 3C CAT2 the BCT licenses have to be activated on the HWKC of the 3C System.

Note: Alternatively BCT can be licensed on 3C using LMC method.

SV8100

In case BCT is used on SV8100 the BCT licenses have to be activated on the HWKC of the SV8100 System

SV9100

In case BCT is used on SV9100 the BCT licenses have to be activated on the HWKC of the SV9100 System

Using a Dongle

A Dongle is the USB Protection key that contains a unique code (Hardware Key Code)

In this method Licenses have to be activated on this unique HWKC.

Choose System type: BCT.

This method has to be used when Dongle less method cannot be used; e.g. when BCT is connected to a non NEC PBX.

BX / OVOC

For BX / OVOC there are no deviations from the general way of working.

Hardware based and Software based products

There is a difference w.r.t. location creation of Hardware based and Software based products

- BX500, BX800 and BX1000 are hardware based products
- BX9000 / BX9000 Redundant is a software based product
- OVOC / OVOC Redundant is software based product

Create a Customer Location for Hardware based products

On the Customer Location creation page:

- Enter the Location name
- Select the System type BX/OVOC
- Enter the **“Serial Number”** (length 7 or 8! digits) in the **Primary Hardware Key Code** field
- Enter the **“Delivery Serial Number”** (DT...see bottom of the Product) , in the **Product Key** field
- Click Create button

NEC Orchestrating a brighter world

LMS User_ SWA Role
Date: July 09, 2019
Logout

Home License Administration Customer Tools SoftwareAssurance Help

Create New Customer Location: Define new NEC customer location information

UAT BX Series 30 Oktober 2017
Olympia 4, Hilversum, Netherlands

Location Name: 5-BX500

Address: Olympia 4

City: Hilversum

State/ Province: Noord-Holland

Country: Netherlands

ZIP/ Postal Code: 1213NT

System: BX/OVOC

Primary Hardware Key Code: 9551484

Product Key: DT2729220

Hardware Version (Optional):

Software Version (Optional):

Customer Email: no.email@available.nl

Dealer Email: edwin.bosscha@nec-unified.com

Reference Note(Optional):

Verticals: Education

Create

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Create a Customer Location for Software based product For BX9000 / OVOC primary location

On the Customer Location creation page:

- Enter the primary Location name
- Select the System type BX/OVOC
- Enter primary “BX Machine ID” / “OVOC Serial Number” in the **Primary Hardware Key Code field**
- **Leave the Product Key field empty !**
- Click Create button

For redundant BX9000 /OVOC please first make the secondary location before activating any licenses !

[Product Key]

The Product key field is automatically populated at first time license activation.


Orchestrating a brighter world

LMS User_ SWA Role
Date: July 09, 2019
 Logout

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Help



Create New Customer Location: Define new NEC customer location information

UAT BX Series 30 Oktober 2017
Olympia 4, Hilversum, Netherlands

<div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> Location Name 3-BX9000-Redundant </div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> Address Olympia 4 </div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> City Hilversum </div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> State/ Province Noord-Holland </div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> Country Netherlands </div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> ZIP/ Postal Code 1213NT </div>	<div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> System BX/OVOC </div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> Primary Hardware Key Code 23345678901234 </div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> Product Key </div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> Hardware Version (Optional) </div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> Software Version (Optional) </div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> Customer Email no.email@available.nl </div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> Dealer Email edwin.bosscha@nec-unified.com </div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> Reference Note(Optional) </div> <div style="border: 1px solid #ccc; padding: 5px; margin-bottom: 5px;"> Verticals Education </div>
---	--

+ Create

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For BX9000 /OVOC secondary location (redundant only)

On the Customer Location page:

- Search the primary BX9000 /OVOC location
- Click on the Add Child location Icon

NEC Orchestrating a brighter world

LMS User_ SWA Role
Date: July 09, 2019
Logout

Home License Administration Customer Tools Software Assurance Help

Customer Locations: This page lists customer locations

UAT BX Series 30 Oktober 2017
Olympia 4, Noord-Holland, Netherlands

23345678901234

Name	Hardware Key Code			
3-BX9000-Redundant- BX/OVOC	23345678901234	✓		

Change Customer

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- Enter a Location name
- Enter secondary “BX Machine ID” / “OVOC Serial Number” in the **Hardware Key Code** field
- Click Create button
- Select Authorization checkbox
- Click Proceed

Add Child Location

Customer Location Details

Customer Name UAT BX Series 30 Oktober 2017

Location Name 3-BX9000-Redundant

Address Olympia 4 Hilversum Noord-Holland NL 1213NT

Location Name
BX-OVOC-redundant

HardwareKeyCode
23345678901235

By selecting the checkbox you are authorizing creation of location as Child Location for the above customer location. To continue click on Proceed.

Proceed Cancel

You may verify the secondary location by clicking on the Child locations Icon

NEC Orchestrating a brighter world

LMS User_ SWA Role
Date: July 10, 2019
Logout

Home License Administration Customer Tools SoftwareAssurance Help

Customer Locations: This page lists customer locations

UAT BX Series 30 Oktober 2017
Olympia 4, Noord-Holland, Netherlands

23345678901234

Change Customer

Name	Hardware Key Code
3-BX9000-Redundant- BX/OVOC	23345678901234

Child Locations

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Location License

Name	HKC	System
3-BX9000-Redundant-BX-OVOC-redundant	23345678901235	BX/OVOC

Cancel

Attach and Activate BX / OVOC licenses and obtain the license file

Attach and activate licenses on the primary location only.

For BX/OVOC the license file created is a zip file.

example: AA_91FA4F6DBFF01B3_out.zip (BX9000) or AA_DT2729220_out.zip (BX500).

This zip file will contain one license file like: AA_91FA4F6DBFF01B3_out.lic or AA_DT2729220_out.lic and a log file AA_91FA4F6DBFF01B3_out.log or AA_DT2729220_out.log

For redundant BX9000 /OVOC the zip file will contain two license files and a log file

example AA_V1D50EAF7FF016S3_out.zip contains two license files like:

AA_NEC890D3BFF01RC2_out.lic

AA_V1D50EAF7FF016S3_out.lic

And one log file

AA_V1D50EAF7FF016S3_out.log

Univerge Integration Platform (UIP)

For UIP there are no deviations from the general way of working.

UIP license method (LMC)

UIP uses the LMC method for activating licenses.

The Hardware Key Code to be used in LMS is obtained from the LMC.

Example of a HWKC as generated by LMC is LM16717688D912171C3E3E603E1836

Create a Customer Location for UIP

On the Customer Location creation page:

- Enter the Location name
- Select the System type License Manager Client
- Enter the LM Hardware Key Code (30 characters) in the **Primary Hardware Key Code** field
- Click Create button

External Product License and SWA handling

External Products are products for which the licenses are not (yet) created by the LMS.

These licenses originate from an external source, but can be obtained from LMS.

Note: for SWA handling you need the SWA Distributor Admin role or SWA Dealer Admin role in LMS

How to deal with external product licenses and SWA in LMS

External product licenses are being registered in LMS to obtain the external product license file and to be able to activate Software Assurance on it.

License part numbers have to be attached and activated on the Hardware Key Code of the External Product according the general way of working, however LMS will not produce a License file.

The License file comes from an external source and can be downloaded from LMS as soon as it is available, either directly (RCC) or later (UM4730 etc....)

The User will receive a notification E-mail from BusinessNet.

RCC

To obtain the License File for RCC follow the general way of working in LMS, as for an NEC system.

Steps are summarized below

- I. Create the new Customer (if existing skip this step)
- II. Create the new Customer Location
 - select **System RCC**
 - enter **Fingerprint of the Dongle** (e.g. aa0014SA2792123456AA) as Hardware Key Code
- III. Select and attach the licenses by selecting the Purchase Order, **the PO cannot be split up!**
- IV. Activate licenses and download license file, **activate SWA directly (Recommended)**
 - Select the Location by entering (part of) the Location name or Hardware Key Code
 - Activate the licenses by clicking the Activate button
 - Enter the data in the SWA activation pop-up window and click "Proceed"
 - Finalize the SWA activation until you see the SWA agreement and expiry date
 - Click on "License File Downloads" Link to download the RCC license file

Alternatively:

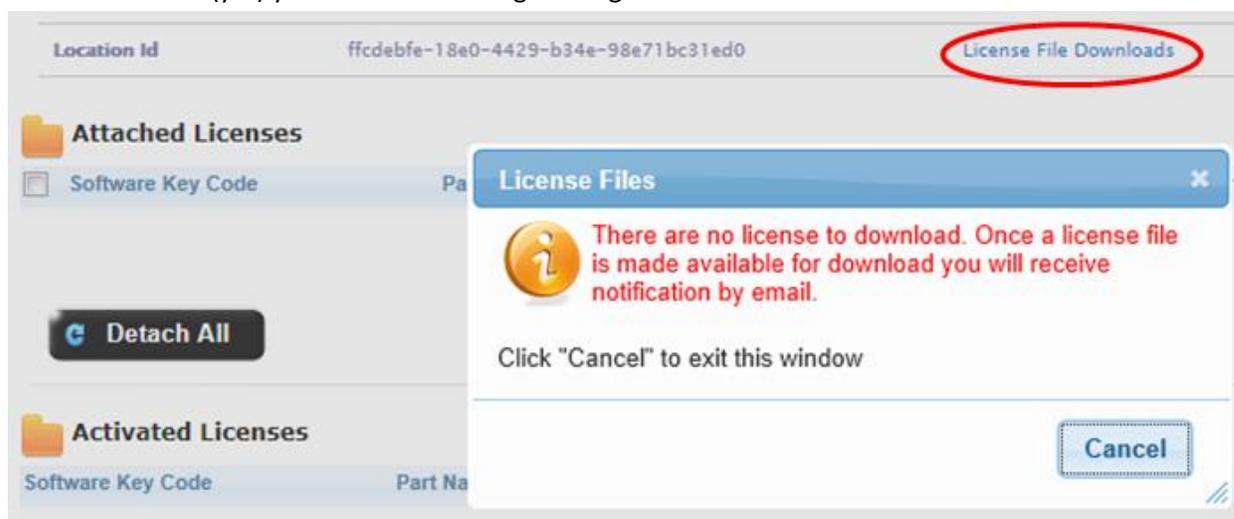
- V. Activate the licenses and download license file, **activate SWA later (Not recommended)**
 - Select the Location by entering (part of) the Location name or Hardware Key Code
 - Activate the licenses by clicking the Activate button
 - Click Cancel button in case you want to activate SWA later.....
 - Download the RCC license file

UM4730

To obtain the License File for UM4730 follow the general way of working in LMS, as for an NEC system.

Steps are summarized below

- I. Create the new Customer (if existing skip this step)
- II. Create the new Customer Location
 - select **System UM4730**
 - enter the **SerialNumber** (example: 11-10433345) as Hardware Key Code
- III. Select and attach the licenses by selecting the Purchase Order, **the PO cannot be split up!**
- IV. Activate licenses and **activate SWA directly (Recommended)**
 - Select the Location by entering (part of) the Location name or Hardware Key Code
 - Activate the licenses by clicking the Activate button
 - Enter the data in the SWA activation pop-up window and click "Proceed"
 - Finalize the SWA activation until you see the SWA agreement and expiry date
- V. Click on "License File Downloads" Link to download the UM4730 license file. If the License file is not available (yet) you will see following message:



Wait until you receive an e-mail notification saying "your License file for Sales Order 1234567 is available".

In case you think it takes too long you may also submit a Call in the Call Registration on BusinessNet to request for the License File.

URL= <http://businessnet.nec-enterprise.com/Processes/Call-Registration/Pages/Home.aspx>

- i. Subject: a short description of the problem
 - ii. **Application:** <select> **License Desk**
 - iii. Description; describe as clearly as possible what the problem is.
- VI. Then click on the "License File Downloads Link" to download the final license file

Alternatively:

- VII. Activate the licenses and download license file, **activate SWA later (Not recommended)**
- Select the Location by entering (part of) the Location name or Hardware Key Code
 - Activate the licenses by clicking the Activate button
 - Click Cancel button in case you want to activate SWA later.....
 - Download the UM4730 license file or wait for the e-mail notification.....

Expense Management – ME (protect.dat file based)

To obtain the License File for Expense Management follow the general way of working in LMS, as for an NEC system.

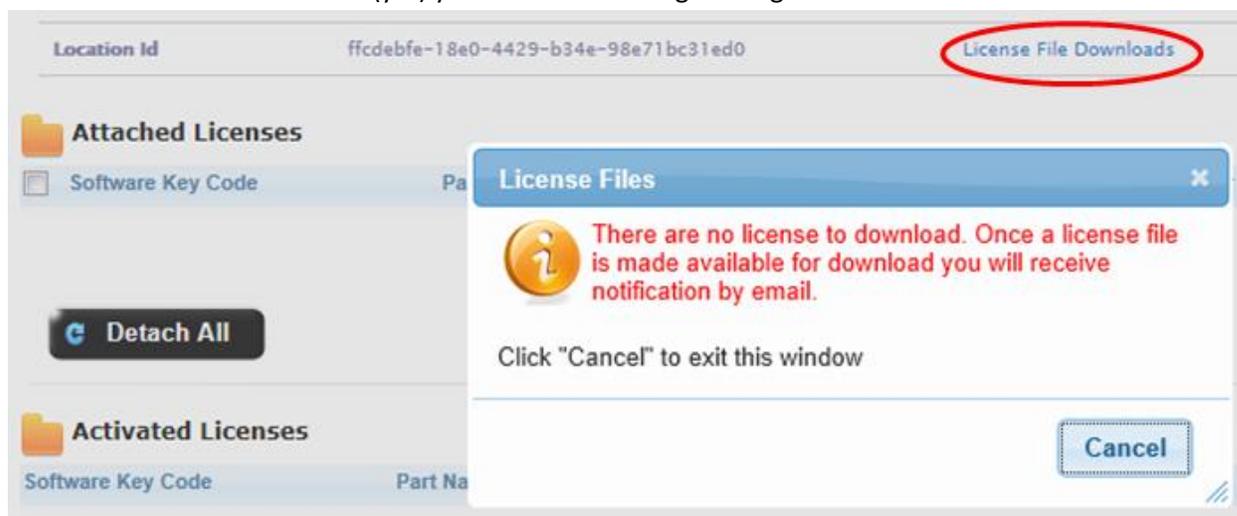
Steps are summarized below

- I. Create the new Customer (if existing skip this step)
- II. Create the new Customer Location
 - select **System ExpenseManagement**
 - enter the **“Dongle ID”** as Hardware Key Code
- III. Select and attach the licenses by selecting the Purchase Order, **the PO cannot be split up!**
- IV. Activate licenses and **activate SWA directly (Recommended)**
 - Select the Location by entering (part of) the Location name or Hardware Key Code
 - Activate the licenses by clicking the Activate button
 - Enter the data in the SWA activation pop-up window and click “Proceed’
 - Finalize the SWA activation until you see the SWA agreement and expiry date
- V. To obtain the final license file submit a Call in the Call Registration on BusinessNet

URL= <http://businessnet.nec-enterprise.com/Processes/Call-Registration/Pages/Home.aspx>

- i. Subject: a short description of the problem
- ii. **Application: <select> License Desk**
- iii. Description; describe as clearly as possible what the problem is.
- iv. **protect.dat file attached to the Call**

- VI. Click on “License File Downloads” Link to download the Expense Management license file. If the License file is not available (yet) you will see following message:



- VII. Wait until you receive an e-mail notification saying “your License file for Sales Order 1234567 is available”.
- VIII. Then click on the “License File Downloads Link” to download the final license file
Alternatively:

- IX. Activate the licenses and download license file, **activate SWA later (Not recommended)**
- Select the Location by entering (part of) the Location name or Hardware Key Code
 - Activate the licenses by clicking the Activate button
 - Click Cancel button in case you want to activate SWA later.....
 - Download the Expense Management license file or wait for the e-mail notification.....

MobiCall

To obtain the License File for MobiCall follow the general way of working in LMS, as for an NEC system.

MobiCall Stand Alone

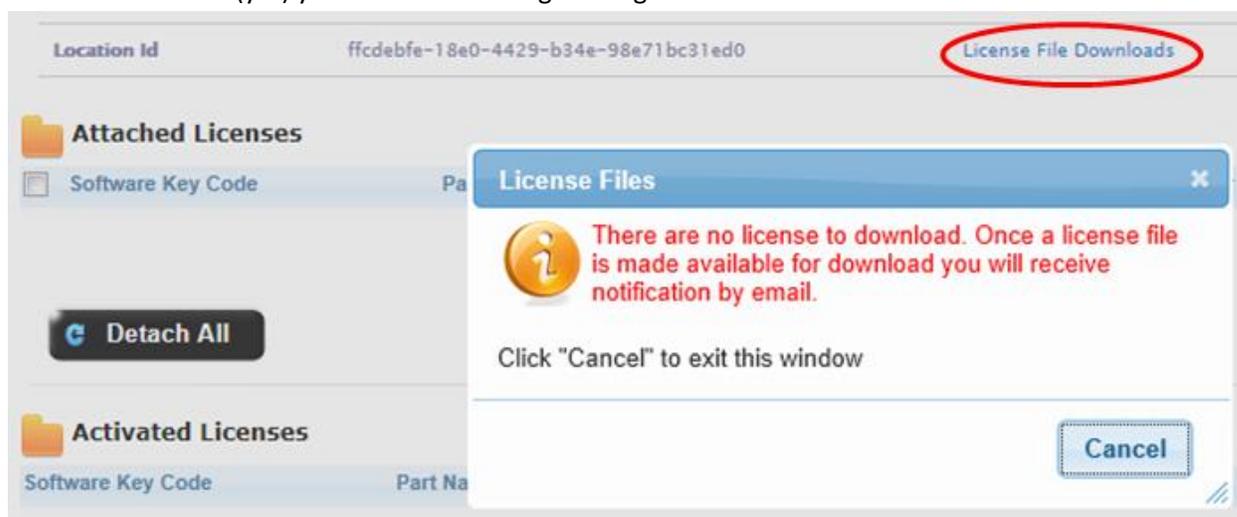
In this case you have to create **one Customer location**; system type Mobicall Master

MobiCall Redundant

In this case you have to create **two Customer locations**; one of system type Mobicall Master and one of system type Mobicall Supervisor

Steps are summarized below

- I. Create the new Customer (if existing skip this step)
- II. Create the new Customer Location(s)
 - select **System Mobicall Master or Mobicall Supervisor**
 - enter the **Dongle Id** (example: 1234) as Hardware Key Code
- III. Select and attach the licenses by selecting the Purchase Order, the PO cannot be split up!
 - PO with licenses without –M have to be attached to the MobiCall Master Location
 - PO with licenses with –M have to be attached to the MobiCall Supervisor Location
- IV. Activate licenses and activate SWA
 - Select the Location by entering (part of) the Location name or Hardware Key Code
 - Activate the licenses by clicking the Activate button
 - Enter the data in the SWA activation pop-up window and click “Proceed’
 - Finalize the SWA activation until you see the SWA agreement and expiry date
- V. Click on “License File Downloads” Link to download the MobiCall license file(s). If the License file is not available (yet) you will see following message:



Wait until you receive an e-mail notification saying “your License file for Sales Order 1234567 is available”.

In case you think it takes too long you may also submit a Call in the Call Registration on BusinessNet to request for the License File.

URL= <http://businessnet.nec-enterprise.com/Processes/Call-Registration/Pages/Home.aspx>

- I. Subject: a short description of the problem
- II. **Application:** <select> **License Desk**
- III. Description; describe as clearly as possible what the problem is.
- VI. Then click on the “License File Downloads Link” to download the final license file

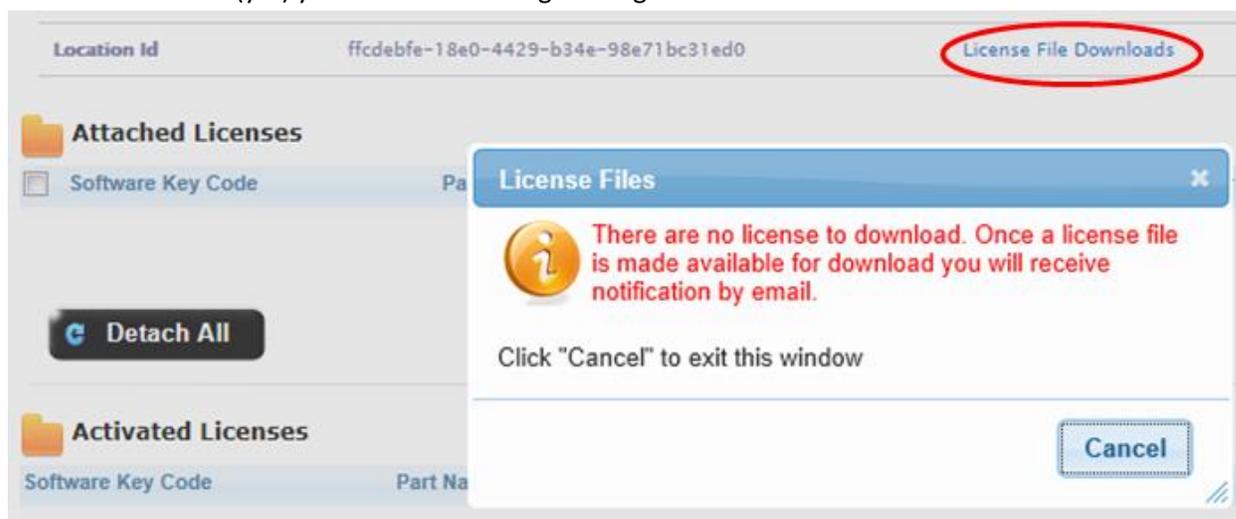
MobiBox

To obtain the License File for MobiBox follow the general way of working in LMS, as for an NEC system.

MobiBox uses a subset of the Mobical Master licenses only (No Supervisor licenses!)

Steps are summarized below

- I. Create the new Customer (if existing skip this step)
- II. Create the new Customer Location(s)
 - select **System MobiBox**
 - enter the **Dongle Id** (example: 1234) as Hardware Key Code
- III. Select and attach the licenses by selecting the Purchase Order, the PO cannot be split up!
 - PO with licenses (without –M) have to be attached to the MobiBox Location
- IV. Activate licenses and activate SWA
 - Select the Location by entering (part of) the Location name or Hardware Key Code
 - Activate the licenses by clicking the Activate button
 - Enter the data in the SWA activation pop-up window and click “Proceed”
 - Finalize the SWA activation until you see the SWA agreement and expiry date
- V. Click on “License File Downloads” Link to download the MobiBox license file(s). If the License file is not available (yet) you will see following message:



Wait until you receive an e-mail notification saying “your License file for Sales Order 1234567 is available”.

In case you think it takes too long you may also submit a Call in the Call Registration on BusinessNet to request for the License File.

URL= <http://businessnet.nec-enterprise.com/Processes/Call-Registration/Pages/Home.aspx>

- I. Subject: a short description of the problem
 - II. **Application:** <select> **License Desk**
 - III. Description; describe as clearly as possible what the problem is.
- VI. Then click on the “License File Downloads Link” to download the final license file

Migrations

Some systems can be converted into another system, with licenses and SWA being converted as well. This is called migration. Migration candidates available in LMS are described below.

SV9100 CP10 to CP20 Migration

An SV9100 equipped with CP10 CPU board and activated licenses (incl. SWA) can be migrated to an SV9100 with CP20 CPU board with (mostly) same licenses and SWA.

Click SV9000 Migration button

- Click on the SV9000 Migration Button on the Customer Location License Page of the CP10 to start migration from CP10 to CP20 CPU board.

The screenshot shows the NEC LMS interface for a customer location. At the top, the NEC logo and tagline 'Orchestrating a brighter world' are visible. The user is logged in as 'Ed Distributor X' on 'July 17, 2019'. The navigation menu includes Home, License Administration, Customer, Tools, Software Assurance, and Help. The main content area displays details for a customer location: 'Olympia 4 Hilversum Noord-Holland Holland 1213NT'. A red arrow points to the 'SV9000 Migration' button, which is accompanied by a green icon of a person moving. Below this, a table titled 'System/Application Activation Dates' shows one entry for 'SV9100 CP10' with an activation date of '23/08/2016'. A yellow banner below the table encourages adding the location to the NEC Software Assurance program. At the bottom, there are sections for 'Attached Licenses' and 'Activated Licenses', each with a table of license details. The 'Activated Licenses' table includes columns for Software Key Code, Part Name, Qty, Purchase Order, SalesOrder, Activated date, NEC PO, and NEC SO.

Location Name	SV9100-4	Olympia 4 Hilversum Noord-Holland Holland 1213NT
Hardware Key Code	341006761783	
System	SV9100 CP10	SV9000 Migration
Location Id	2bf0de1c-887b-479c-8e2b-13ba21d4ae3d	You have 2 demo licenses left. Generate Demo License

Application Id	System	Activation Date
34	SV9100 CP10	23/08/2016

Software Key Code	Part Name(Number)	Qty	Purchase Order	SalesOrder
[Empty row]				

Software Key Code	Part Name(Number)	Qty	Purchase Order	SalesOrder	Activated	NEC PO	NEC SO
MM3440NEDH392FR549M1	BCT Agent - Skillbased Routing Lic. (96002618001	1	SV91-4 Lics	SV91-4 Lics	23/08/2016		
4N346R8310HVR14PNDLL	SV9100 INMAIL INT-01 LIC (BE114063)	8	SV91-4 Lics	SV91-4 Lics	23/08/2016		

Enter new Hardware Key Code of CP20

- Enter the new Hardware Key Code of the CP20 board and click the Submit button

The screenshot shows the NEC LMS interface. At the top left is the NEC logo with the tagline 'Orchestrating a brighter world'. At the top right, it displays 'Ed Distributor X', 'Date: July 17, 2019', and a 'Logout' button. A navigation bar contains 'Home', 'License Administration', 'Customer', 'Tools', 'SoftwareAssurance', and 'Help'. Below this, there are navigation icons for back, calendar, and home. The main content area shows details for a customer location: 'Location Name: SV9100-4', 'Hardware Key Code: 341006761783', 'System: SV9100 CP10', and 'Location Id: 2bf0de1c-887b-479c-8e2b-13ba21d4ae3d'. A 'System Migration' dialog box is open, showing a table with 'Application Id' 34 and a 'Hardware Key Code' input field containing '441018029547'. A red arrow points to the input field, and a red box highlights the 'Submit' button.

NEC Orchestrating a brighter world

Ed Distributor X
Date: July 17, 2019
Logout

Home License Administration Customer Tools SoftwareAssurance Help

License Bin: All Attached and Activated Licenses for Customer Location

Location Name	SV9100-4	Olympia 4 Hilversum Noord-Holland Holland 1213NT
Hardware Key Code	341006761783	
System	SV9100 CP10	SV9000 Migration
Location Id	2bf0de1c-887b-479c-8e2b-13ba21d4ae3d	You have 2 demo license(s) left. Generate Demo License

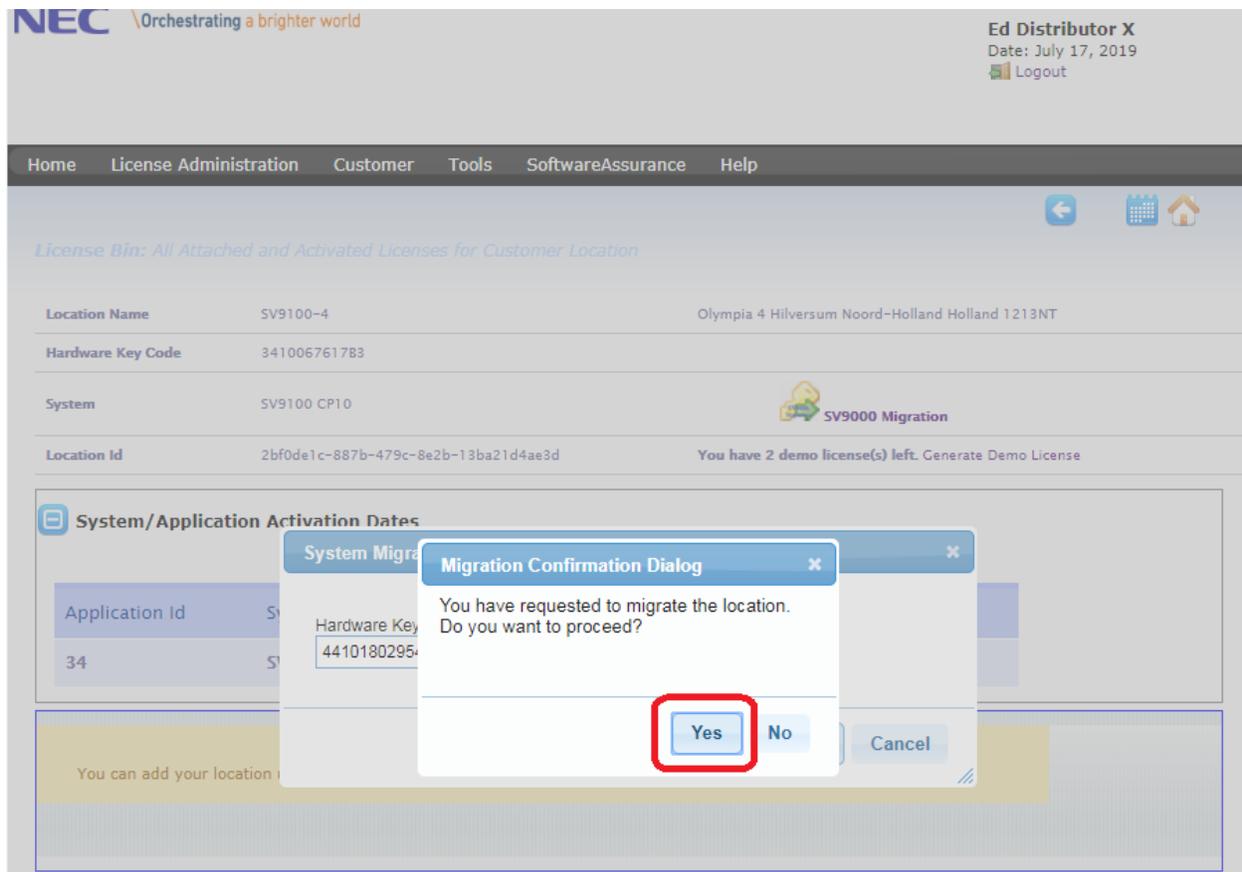
System/Application Activation Dates

Application Id	System	Hardware Key Code
34	SV9100 CP10	441018029547

Submit Cancel

Confirm to proceed with migration

- Click yes to confirm you want to proceed with migration



If all goes well LMS will show a “migration done successful” message

Migration done successfully message

A Migration done successfully message should be shown by LMS.


Orchestrating a brighter world

Ed Distributor X
 Date: July 17, 2019
 Logout

Home
License Administration
Customer
Tools
SoftwareAssurance
Help





 **Migration done successfully**

License Bin: All Attached and Activated Licenses for Customer Location

Location Name	SV9100-4	Olympia 4 Hilversum Noord-Holland Holland 1213NT
Hardware Key Code	441018029547	
System	SV9100 CP20	
Location Id	2bf0de1c-887b-479c-8e2b-13ba21d4ae3d	You have 2 demo license(s) left. Generate Demo License

 **Attached Licenses**

<input type="checkbox"/>	Software Key Code	Part Name(Number)	Qty	Purchase Order	SalesOrder

 **Detach**

 **Activate**

Location License Page of the new Migrated System

On the Location License Page of the new Hardware key Code the migrated licenses are shown.

- PO and SO are converted to MIGSU_Date of Migration+unique ID.
- History button is available to show the original system
- Click the History button

NEC Orchestrating a brighter world

Ed Distributor X
Date: July 23, 2019
Logout

Home License Administration Customer Tools Software Assurance Help

License Bin: All Attached and Activated Licenses for Customer Location

Location Name	SV9100-4	Olympia 4 Hilversum Noord-Holland Holland 1213NT
Hardware Key Code	441018029547	
System	SV9100 CP20	
Location Id	2bf0de1c-887b-479c-8e2b-13ba21d4ae3d	You have 2 demo license(s) History Demo License

Attached Licenses

Software Key Code	Part Name(Number)	Qty	Purchase Order	SalesOrder
-------------------	-------------------	-----	----------------	------------

Detach Activate

Activated Licenses

Software Key Code	Part Name(Number)	Qty	Purchase Order	SalesOrder	Activated	NEC PO	NEC SO
GK448TG9MXF4BN36ATXL	BCT Post Call Survey Lic (EU910096)	1	MIGSU_2019071769	MIGSU_2019071769	16/02/2017	ChKr16022017	ChKr1602
UF44J2MPACHTX7VK5DFJ	SV9100 NETWORKING-01 LIC (BE114066)	4	MIGSU_2019071769	MIGSU_2019071769	03/07/2018	ChKr add lics for	ChKr add
F444HT4V1TTD5FBJBURX	BCT Operator Lic. (960026172000)	6	MIGSU_2019071769	MIGSU_2019071769	23/08/2016	SV9100-4lics	SV91-4 lic
6444NFGM628214TX7PHU	SV9100 IN-UC WEB CLIENT-01 LIC (BE116985)	1	MIGSU_2019071769	MIGSU_2019071769	03/07/2018	ChKr add lics for	ChKr add
M344JECWXD41NNXTAED3	BCT Agent - Skillbased Routing Lic. (960026180)	1	MIGSU_2019071769	MIGSU_2019071769	23/08/2016	SV91-4 Lics	SV91-4 Lic
R9442T1UD66KNC05XA10	BCT Essential Employee Lic. (960026428000)	10	MIGSU_2019071769	MIGSU_2019071769	23/08/2016	SV91-4 Lics	SV91-4 Lic
4U443B15581A330JA7TF	SV9100 XMLPRO LIC (BE114081)	1	MIGSU_2019071769	MIGSU_2019071769	03/07/2018	ChKr add lics for	ChKr add
E044H7XJTGRC90XCLWCF	SV9100 ACD AGENT-01 LIC (BE114074)	1	MIGSU_2019071769	MIGSU_2019071769	23/08/2016	SV91-4 Lics	SV91-4 Lic
R444NDLVFREJ18K8LLEA	BCT Phone Based Agent Lic. (960026178000)	50	MIGSU_2019071769	MIGSU_2019071769	23/08/2016	SV91-4 Lics	SV91-4 Lic
FW449H27BX46P3L50L07	BCT Web Callback Lic. (960026431000)	1	MIGSU_2019071769	MIGSU_2019071769	23/08/2016	SV9100-4lics	SV91-4 lic

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Regenerate

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History button

After clicking the History button the original Hardware Key Code and licenses are shown.

This is just for information, no changes are possible anymore.


Orchestrating a brighter world

Ed Distributor X
 Date: July 23, 2019
 Logout

Home
License Administration
Customer
Tools
Software Assurance
Help



License Bin: All Activated Licenses for Customer Location

Location Name	SV9100-4	Olympia 4 Hilversum Noord-Holland Holland 1213NT
Primary Hardware Key Code	341006761783	
System	SV9100 CP10	Location Id 2bf0de1c-887b-479c-8e2b-13ba21d4ae3d

Parent Location License History

Software Key Code	Part Name(Number)	Qty	Purchase Order	SalesOrder	Activated
MM3440NEDH392FR549M1	BCT Agent - Skillbased Routing Lic. (960026180000)	1	SV91-4 Lics	SV91-4 Lics	23/08/2016
4N346R8310HVR14PNDLL	SV9100 INMAIL INT-01 LIC (BE114063)	8	SV91-4 Lics	SV91-4 Lics	23/08/2016
F534DT3DTP3L7RCXB4VU	SV9100 IP TRUNK-01 LIC (BE114065)	60	BCT Load Testing	BCT Load Testing	30/11/2016
5R343X3KHEEW8JB5W6DP	SV9100 VERSION LIC (R2) (BE114044)	1	SV91-4 Lics	SV91-4 Lics	23/08/2016
KH348UUDU4T8K9UK4C6X	SV9100 OnBoard Apps Toll Fraud Lic (EU000285)	1	ChKr add lics for In Apps	ChKr add lics for In Apps	03/07/2018
003472FR5MVLCL3RN2KH	BCT Additional Language Lic. (960026187000)	5	SV91-4 Lics	SV91-4 Lics	23/08/2016
WH34T7LBVWT990KJML5K	BCT UCC Employee Lic. (960026489000)	10	SV9100-4lics	SV91-4 lics	23/08/2016
FW347NDTTL73CBHP106F	SV9100 STD SIP NEC ONLY LIC (EU901002)	300	BCT Load Testing	BCT Load Testing	30/11/2016
P234A5273NPD2LPLBLD9	BCT Essential Employee Lic. (960026428000)	10	SV91-4 Lics	SV91-4 Lics	23/08/2016
9734MDN27A567G23LBC5	BCT Web Chat Lic. (EU910081)	1	SV9100-4lics	SV91-4 lics	23/08/2016

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Software Assurance handling

Software Assurance (SWA) can be assigned in LMS.

For this purpose the Software Assurance Unit (SWA Unit) is introduced.

The SWA Unit is a Part Number, like a license, that can be shipped to a Business Partner in LMS.

SWA Units shipped will arrive in the SWA Units Bin of the Business partner in LMS.

Similar to Licenses SWA Units can be assigned to a Customer Location.

Remark:

The LMS User should have SWA Distributor Admin role or SWA Dealer Admin role to access the Software Assurance menu (SWA page) and for the assignment of SWA Units to a Customer Location.

General way of working (overview)

When Licenses of Products, potentially having Software Assurance, are being activated on a Customer Location the LMS will come with a pop-up window (Quote) offering the assignment of SWA Units to that Customer Location.

Software Assurance can (within the “grace period”) be assigned at a later moment, on the SWA Page using the link “Prospective Software Assurance Locations”

Software Assurance can (outside the ‘grace period”) be assigned on the Customer Location License page by clicking on a dedicated “add your location under NEC Software Assurance program” link

SWA Icons used

From LMS version 6.5 new SWA Icons have been introduced. See table below for Icons used.

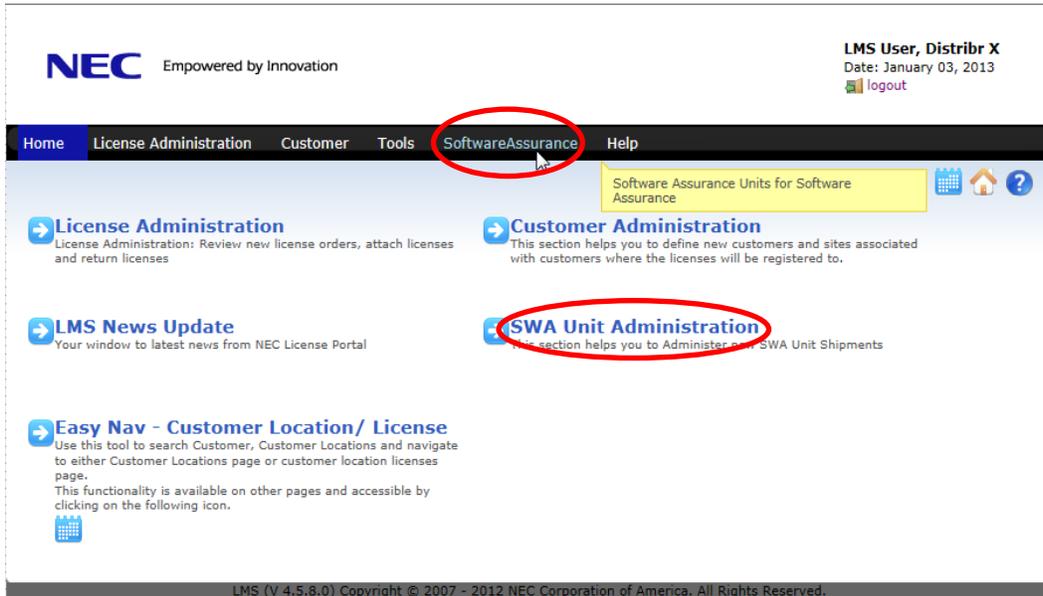
Meaning of Icon	LMS 6.0	LMS 6.5 and up
Expired SWA		
Active SWA		
Grace period active, no SWA		
Customer Location, can be renewed		

Software Assurance Units Bin (only visible with SWA Role)

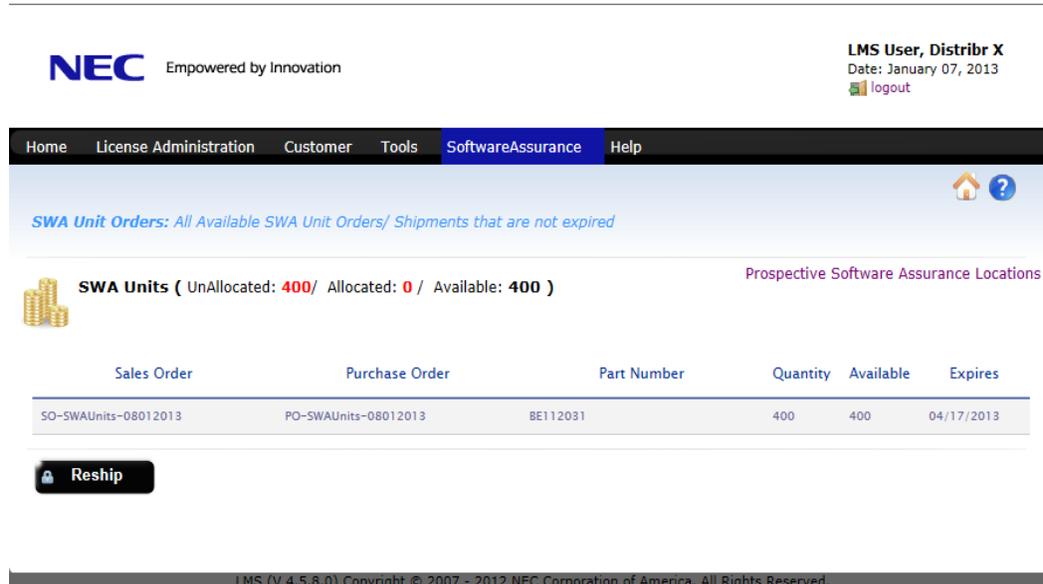
For SWA Units there is a SWA Units Bin in LMS, separate from the Licenses Bin.

Access the SWA Units Bin as follows:

- Click on menu “Software Assurance” or click on Link “SWA Unit Administration”



The SWA Units Bin shows up, displaying SWA Units purchased with Order details.



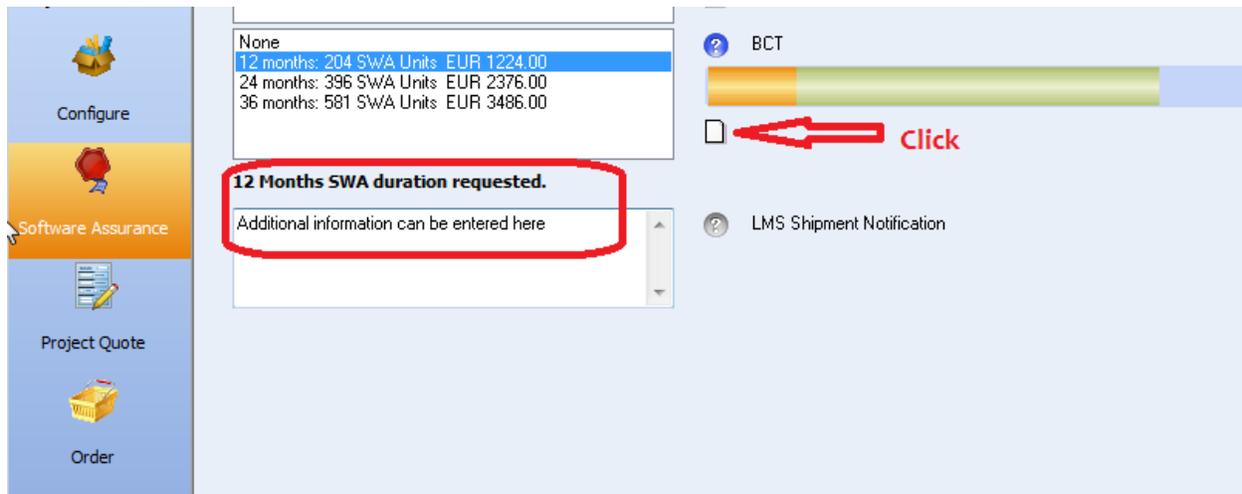
Note: SWA Units purchased are having an Expiry Date!

SWA additional information visible in License Bin

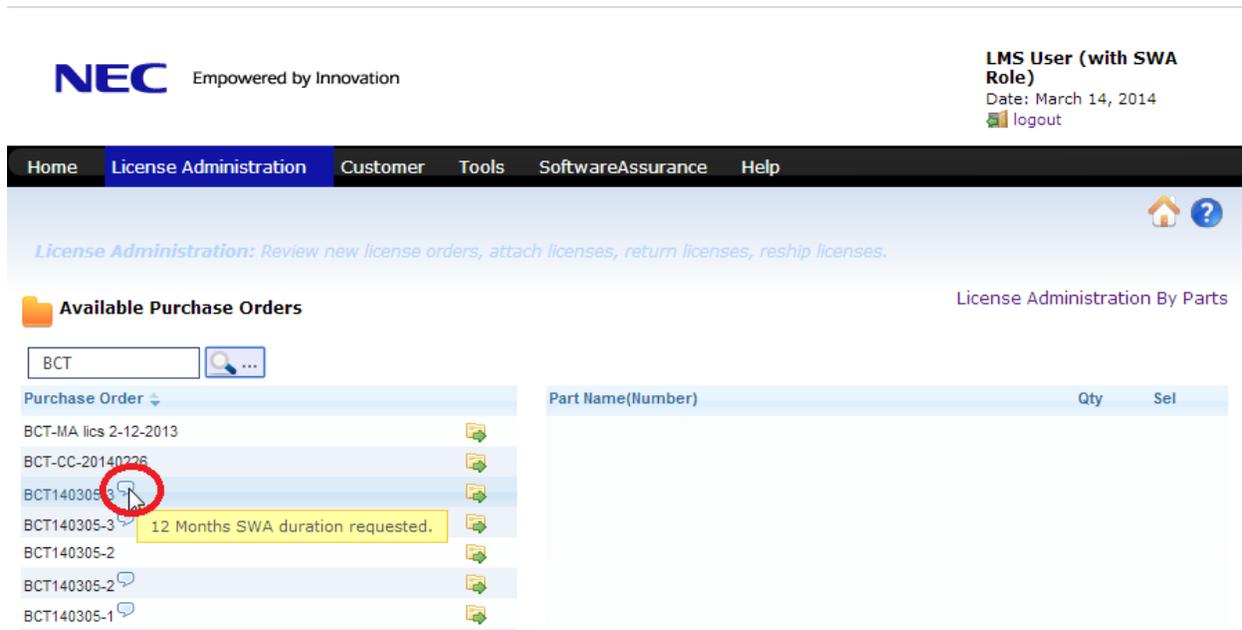
In the License Administration additional information from a configured order is made visible on a Purchase Order (PO).

1. The requested SWA duration from the SWA page in Prophix per PO is being displayed
2. Optionally any additional information entered on the SWA Page in Prophix per PO will be displayed as well.

Prophix page



LMS Page



Software Assurance Assignment

There are three procedures to assign Software Assurance to a Customer Location

SWA assignment directly (immediately following License activation)

In this procedure (**recommended**) both License Activation and Software Assurance assignment are done in one go.

The steps to be followed are:

- I. Login LMS (you need SWA Distributor Admin role or SWA Dealer Admin role)
- II. Attach and activate Licenses on a Customer Location
- III. Assign SWA Units for requested time period
- IV. Activate SWA now or after 24hours

SWA assignment later, within the grace period (Licenses already activated)

In this procedure the Software Assurance assignment is done at a later moment, using the **“Prospective Software Assurance Locations”** link on the SWA Page.

This procedure is used when e.g. Licenses have been activated before, on another day.

The steps to be followed are:

- I. Login LMS (you need SWA Distributor Admin role or SWA Dealer Admin role)
- II. On the SWA page click on the link **“Prospective Software Assurance Locations”**
- III. Select the wanted Customer location
- IV. Assign SWA Units for requested time period
- V. Activate SWA now or after 24 hours

SWA assignment later, outside the grace period (Licenses already activated)

In this procedure the Software Assurance assignment is done at a later moment, using the dedicated **“add your location under NEC Software Assurance program”** link on the Customer Location Licenses page.

This procedure is used when e.g. Licenses have been activated some time ago and the grace period has expired already.

The steps to be followed are:

- I. Login LMS (you need SWA Distributor Admin role or SWA Dealer Admin role)
- II. Go to the Customer Location licenses page (Tools-Locations (enter HWKC) – Licenses Icon) and click on the **“add your location under NEC Software Assurance program”** link.
- III. Now an SWA quote will pop up, select SWA Units, enter information, click proceed
- IV. Activate SWA now or after 24 hours

Above procedures will be explained in more detail in next sections.

SWA assignment directly (immediately following License activation)

Note : you need to have SWA Distributor Admin or SWA Dealer Admin role

Attach and activate Licenses on a Customer Location

Refer to Chapter LMS License Handling procedure [general way of working]

- I. Create the new Customer (if existing skip this step)
- II. Create the new Customer Location (system name with Hardware Key Code)
- III. Select and attach the licenses
- IV. Activate the licenses and download license file
- V. Proceed with SWA Units assignment and SWA activation (see next sections)

Assign SWA Units for requested time period

Directly after License activation the LMS will display a Quote for SWA Unit assignment.
[example see below]

Make following selections for SWA activation:

- Select SWA Units for the requested time period (e.g. 264 SWA Units for 12 months)
- Enter a reference number (or any other reference)
- Select the checkbox to approve for SWA Units taken from the SWA Units bin
- Click Proceed button

The screenshot shows a 'Quote Information' dialog box with the following content:

Quote Information [Close]

Name: **Test Customer Hendrikus - SV8300 system**
18CYG-IPS-00000000BJ300643sE

SWA Units Available: **5985**

Application Name	SWA Units Required (Term Months)
SV 8300	<input checked="" type="radio"/> 264 units for 12 months
	<input type="radio"/> 513 units for 24 months
	<input type="radio"/> 753 units for 36 months
	<input type="radio"/> 0 Activate SWA later

A total of **264 SWA Units** will be activated to maintain Software Assurance on this site.

If you wish to add a reference number please add below:

By selecting the checkbox you are authorizing that SWA units will be extracted from your SWA unit bin to activate SWA on the application(s)

Activate SWA now or after 24 hours

Activate SWA either directly or after 24 hours.

Automatically after 24 hours (cooling-off period)

- If nothing is done SWA will be activated automatically after 24 hours

Direct Activation

- For Direct Activation click “Process Immediately”

The screenshot displays the NEC LMS interface. At the top left is the NEC logo with the tagline "Empowered by Innovation". On the top right, it identifies the user as "LMS User (with SWA Role)" with a date of "March 26, 2013" and a "logout" link. A navigation bar includes "Home", "License Administration", "Customer", "Tools", "SoftwareAssurance", and "Help". Below this is a "License Bin" section for a customer location, showing details like "Location Name", "Hardware Key Code", "System", and "Location Id".

The main focus is a table of licenses with the following columns: Application Name, Status, Agreement#, Expires, and SWA Units required. A single license entry is shown for "SV 8300" with a status of "SWA" and "N/A" for agreement and expiration. To the right of this entry, there is a "Time left for this activation will be finalized (hh:mm): 23:59" and two buttons: "Cancel" (with a red 'X' icon) and "Process Immediately" (with a green right-pointing arrow icon, which is circled in red). To the right of the table, there is a stack of gold coins icon and the text "Available: 5721".

Below the license table is an "Attached Licenses" section with a table header including "Software Key Code", "Part Name(Number)", "Qty", "Purchase Order", and "SalesOrder".

- Click the Proceed button

NEC Empowered by Innovation

LMS User (with SWA Role)
Date: March 26, 2013
logout

Home License Administration Customer Tools SoftwareAssurance Help

License Bin: All Attached and Activated Licenses for Customer Location

Location Name: SV8300 system Home address: Town State Netherlands 1234HH

Hardware Key Code: 18CYG-IPS-000000008J300643e

System: SV8300 License Manager Client Licenses

Location Id: 1e9a05ec-683e-4362-b6e7-43812c3f8de1

SWA Unit Activation Update

SWA Unit Activation once Pushed will be finalized cannot be cancelled. A reason is required for documentaion purpose on why you are Pushing this SWA Unit Activation. Once reason Click on Proceed.

Reason:
Need to activate SWA Immediately

Proceed Cancel

Available: 5721

Application Name	Status	Agreement#	Expires	SWA Units required
SV 8300	SWA	N/A		

Attached Licenses

Software Key Code	Part Name(Number)	Qty	Purchase Order	SalesOrder

SWA activated

If SWA has been activated successfully the LMS will show a green SWA Logo, an Agreement number and an expiry date.

NEC Empowered by Innovation

LMS User (with SWA Role)
Date: March 26, 2013
logout

Home License Administration Customer Tools SoftwareAssurance Help

SWA Pending Activation was Pushed successfully.

License Bin: All Attached and Activated Licenses for Customer Location

Location Name: SV8300 system Home address: Town State Netherlands 1234HH

Hardware Key Code: 18CYG-IPS-000000008J300643e

System: SV8300 License Manager Client Licenses

Location Id: 1e9a05ec-683e-4362-b6e7-43812c3f8de1

Application Name	Status	Agreement#	Expires	SWA Units required
SV 8300	SWA	50180-EVGY45796-N	06/30/2014	

Available: 5721

Attached Licenses

Software Key Code	Part Name(Number)	Qty	Purchase Order	SalesOrder

SWA assignment later, within the grace period (Licenses already activated)

Note : you need to have SWA Distributor Admin or SWA Dealer Admin role

Licenses have been activated earlier on a Customer Location, without SWA being activated.

On the SWA page select “Prospective Software Assurance Locations”

- On the SWA Page click on the link Prospective Software Assurance Locations

NEC Empowered by Innovation

LMS User (with SWA Role)
Date: March 26, 2013
logout

Home License Administration Customer Tools **SoftwareAssurance** Help

SWA Unit Orders: All Available SWA Unit Orders/ Shipments that are not expired

SWA Units (UnAllocated: 5985/ Allocated: 0 / Available: 5985)

Sales Order	Purchase Order	Part Number	Quantity	Available	Expires
1287838	hvo07020003	BE112031	648	112	05/18/2013
1287839	hvo11020001	BE112031	29	29	05/22/2013
1287840	hvo11020002	BE112031	23	23	05/22/2013
1287842	hvo11020004	BE112031	47	47	05/22/2013
1287841	hvo11020003	BE112031	149	149	05/22/2013
1287850	hvo1302004	BE112031	820	820	05/25/2013

- Select the Customer location for which SWA must be activated

NEC Empowered by Innovation

LMS User (with SWA Role)
Date: March 26, 2013
logout

Home License Administration Customer Tools **SoftwareAssurance** Help

Prospective SWA Locations: This page lists new customer locations which are prospective candidates for Software Assurance.

Customer - Location Base Hardware Key Code

Test Customer Hendrikus-SV8300 system	18CYG-IPS-00000000BJ300643sE
NECAMTEST-test2-sv8300	18CYG-IPS-00000000BJ600242qA

Assign SWA Units for requested time period

A Quote for SWA Unit assignment will show up.

Make following selections for SWA activation:

- Select SWA Units for the requested time period (e.g. 264 SWA Units for 12 months)
- Enter a reference number (or any other reference)
- Select the checkbox to approve for SWA Units taken from the SWA Units bin
- Click Activate button

Quote Information ✕

Name **Test Customer Hendrikus - SV8300 system**
18CYG-IPS-00000000BJ300643sE

SWA Units Available **5985**

Application Name	SWA Units Required (Term Months)
SV 8300	<input checked="" type="radio"/> 264 units for 12 months <input type="radio"/> 513 units for 24 months <input type="radio"/> 753 units for 36 months <input type="radio"/> 0 Activate SWA later

A total of **264 SWA Units** will be activated to maintain Software Assurance on this site.

If you wish to add a reference number please add below:

By selecting the checkbox you are authorizing that SWA units will be extracted from your SWA unit bin to activate SWA on the application(s)

Activate SWA now or after 24 hours

Activate SWA either directly or after 24 hours.

Automatically after 24 hours (cooling-off period)

- If nothing is done SWA will be activated automatically after 24 hours

Direct Activation

- For Direct Activation click “Process Immediately”

The screenshot displays the NEC LMS interface. At the top left is the NEC logo with the tagline "Empowered by Innovation". At the top right, it identifies the user as "LMS User (with SWA Role)" with a date of "March 26, 2013" and a "logout" link. A navigation bar includes "Home", "License Administration", "Customer", "Tools", "SoftwareAssurance", and "Help".

The main content area is titled "License Bin: All Attached and Activated Licenses for Customer Location". It shows details for a location named "SV8300 system" with a home address in the Netherlands. Below this, a table lists license details:

Application Name	Status	Agreement#	Expires	SWA Units required
SV 8300	SWA	N/A	N/A	Time left for this activation will be finalized (hh:mm): 23:59

For the SV 8300 license, there are two action buttons: "Cancel" (with a red 'X' icon) and "Process Immediately" (with a green right-pointing arrow icon, which is circled in red in the image). To the right of the table, it indicates "Available: 5721" SWA units.

Below the table is a section titled "Attached Licenses" with a table header including "Software Key Code", "Part Name(Number)", "Qty", "Purchase Order", and "SalesOrder".

- Click the Proceed button

NEC Empowered by Innovation

LMS User (with SWA Role)
Date: March 26, 2013
logout

Home License Administration Customer Tools SoftwareAssurance Help

SWA Pending Activation was Pushed successfully.

License Bin: All Attached and Activated Licenses for Customer Location

Location Name	SV8300 system	Home address, Town State Netherlands 1234HH
Hardware Key Code	18CYG-IPS-00000000BJ300643sE	
System	SV8300	License Manager Client Licenses
Location Id	1e9a05ec-683e-4362-b6e7-43812c3f8de1	

Application Name	Status	Agreement#	Expires	SWA Units required
SV 8300		50180-EVCY45796-N	06/30/2014	

Available: 5721

Attached Licenses

Software Key Code	Part Name(Number)	Qty	Purchase Order	SalesOrder

SWA activated

If SWA has been activated successfully the LMS will show a green SWA Logo, an Agreement number and an expiry date

NEC Empowered by Innovation

LMS User (with SWA Role)
Date: March 26, 2013
logout

Home License Administration Customer Tools SoftwareAssurance Help

SWA Pending Activation was Pushed successfully.

License Bin: All Attached and Activated Licenses for Customer Location

Location Name	SV8300 system	Home address, Town State Netherlands 1234HH
Hardware Key Code	18CYG-IPS-00000000BJ300643sE	
System	SV8300	License Manager Client Licenses
Location Id	1e9a05ec-683e-4362-b6e7-43812c3f8de1	

Application Name	Status	Agreement#	Expires	SWA Units required
SV 8300		50180-EVCY45796-N	06/30/2014	

Available: 5721

Attached Licenses

Software Key Code	Part Name(Number)	Qty	Purchase Order	SalesOrder

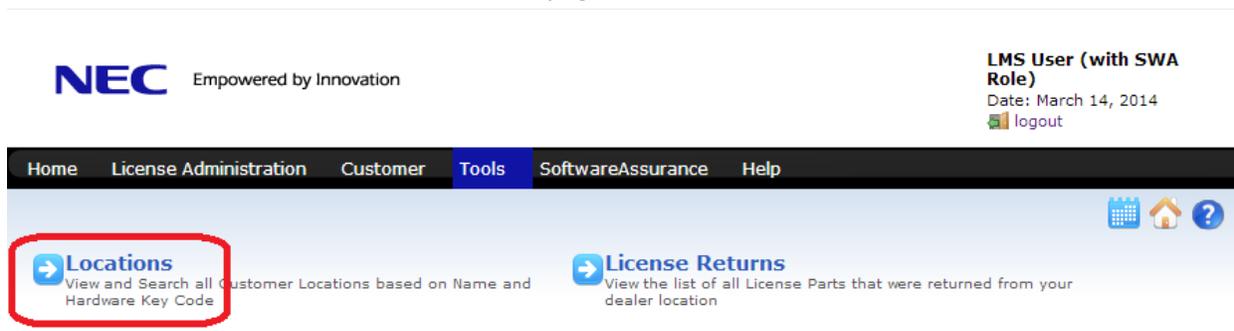
SWA assignment later, outside the grace period (Licenses already activated)

Note : you need to have SWA Distributor Admin or SWA Dealer Admin role

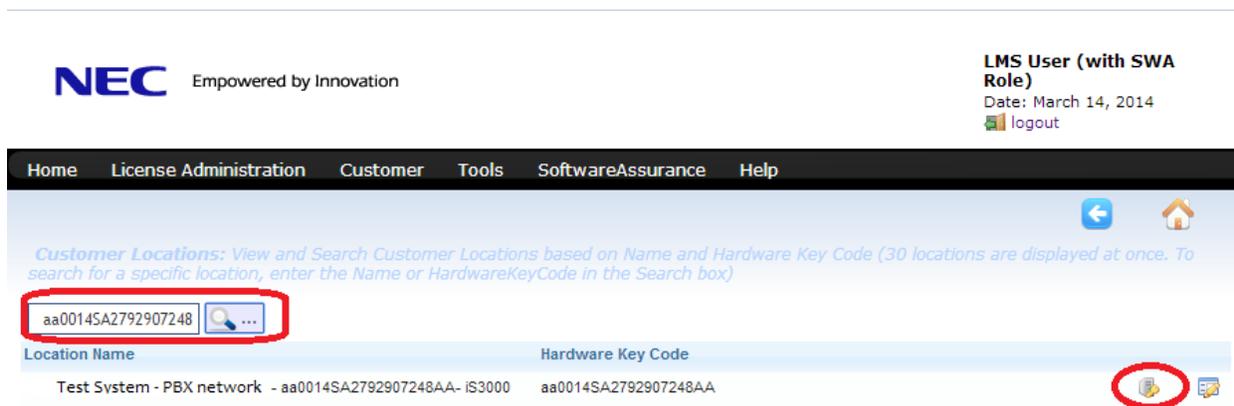
Licenses have been activated earlier on a Customer Location, without SWA being activated.

Go To Customer Location Licenses Page

- Go to the Customer Location licenses page (Tools-Locations)



- Enter HWKC (or Customer Location name)
- Click on the License Information Icon



Get an SWA Quote for the System

- Click on “here” to get an SWA Quote

The screenshot shows the NEC LMS interface. At the top left is the NEC logo with the tagline "Empowered by Innovation". At the top right, it displays "LMS User (with SWA Role)", "Date: March 14, 2014", and a "logout" button. Below this is a navigation bar with links for Home, License Administration, Customer, Tools, SoftwareAssurance, and Help. The main content area shows a "License Bin" for a customer location. It contains a table with the following data:

Location Name	aa00145A2792907248AA	ND ND ND ND ND
Hardware Key Code	aa00145A2792907248AA	
System	IS3000	
Location Id	942696B7-E197-413B-9CCF-BC5AF2AC990D	You have 2 demo license(s) left. Generate Demo License

Below the table is a yellow banner with the text: "You can add your location under NEC Software Assurance program. To get a Quote please click [here](#)". The word "here" is circled in red in the original image.

An SWA Quote will pop up.

Make following selections for SWA activation:

- Select SWA Units for the requested time period (e.g. 168 SWA Units for 36 months)
- Enter a reference number (or any other reference)
- Select the checkbox to approve for SWA Units taken from the SWA Units bin
- Click Proceed button

NEC Empowered by Innovation

LMS User (with SWA Role)
Date: March 14, 2014
logout

Home License Administration Customer Tools SoftwareAssurance Help

Quote Information

Name: TEST System PBX Network
- aa0014SA2792907248AA
aa0014SA2792907248AA

SWA Units Available: 989

Application Name	SWA Units Required (Term Months)
SIP@NET	<input type="radio"/> 59 units for 12 months <input type="radio"/> 115 units for 24 months <input checked="" type="radio"/> 168 units for 36 months

This system was activated before June 1, 2013. You can specify an end date for SWA. Minimum is 3 months - maximum is determined by product.

A reenlisting fee is applicable but is at this moment waived out. A total of **168 SWA Units** will be activated to maintain Software Assurance on this site.

If you wish to add a reference number please add below:

By selecting the checkbox you are authorizing that SWA units will be extracted from your SWA unit bin to activate SWA on the application(s)

Proceed Cancel

SWA Activation outside Grace period or Active SWA period (reinstatement)

LMS will quote a reinstatement fee (calculate extra SWA units) in case SWA is activated when the system is no longer in the grace period or if the system is not renewed within the active SWA period.

- Click on Get Quote Icon

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LMS User (with SWA Role)
Date: June 30, 2015
logout
SWA Status Active

Home License Administration Customer Tools SoftwareAssurance Help

License Bin: All Attached and Activated Licenses for Customer Location

Location Name: SIP@Net Server No street No city No state Austria 1234
Hardware Key Code: aa00145A2792654321AA
System: iS3000
Location Id: 61a03ecd-5e14-4ba2-b20e-78c08b8a9611 You have 2 demo license(s) left. Generate Demo License

You can add your location under NEC Software Assurance program. To get a Quote please click here 

Attached Licenses

Software Key Code	Part Name(Number)	Qty	Purchase Order	SalesOrder
				

Activated Licenses

Software Key Code	Part Name(Number)	Qty	Purchase Order	SalesOrder	Activated
4AIS05XPJV4PVX8FG5CG	Lic 071 - SIP@Net on Server (960026138000)	1	lic071	lic071	03/05/2015
VFISJ93BJW5HD2R3DPMN	Lic 001 - SIP@Net Server 96 Ext (EU920000)	1	Lic001 for SIP@Net Ser	Lic001 for SIP@Net Ser	03/05/2015
71IS8EMR5AFW6D6GRBME	Lic 059 - ISG 10 channels (960025871000)	4	add lics for SIP@Net Se	add lics for SIP@Net Se	03/05/2015
7TIS2B1657KBA0AAF703	Lic 069 - SIP Ext 10 seats (960026036000)	2	add lics for SIP@Net Se	add lics for SIP@Net Se	03/05/2015
V4IS84XPA0HM1G4VDVEF	Lic 081 - Gateway Extension (EU920014)	40	lic081 -test(2)	lic081 -test(2)	12/15/2014
7BISRR9GFR14FKK9UJKM	Lic 073 - SIP@Net Q1-2015 96 Ext (EU92067151)	1	SIP@Net Lic073	SIP@Net Lic073	03/05/2015



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In the SWA Portal we can see for this example the Grace period has expired per 31-03-2015.

Location Name	↓ Today		5Yrs ↓
SIP@Net Server	61a03ecd-5e14-4ba2-b20e-78c08b8a9611		
iS3000			
Agreement	50ISO-FHTY11751-W	• SWA Certificate	<u>Start date</u> <u>End date</u>
Product	iS3000	• LMS License Information	Grace Period 15-12-2014 31-03-2015
HWKey	aa0014SA2792654321AA	• LMS Upgrade Licenses	SWA Period - -
Ref. Note			

Agreement History

Now (after 3 months) the SWA quote is: (304 SWA units for 60 Months + 17 SWA Units reinstatement)

- Make selections and complete information in the quote below

Quote Information

Name: Ed Austria - SIP@Net Server
 aa0014SA2792654321AA

SWA Units Available: 8967

Application Name	SWA Units Required (Term Months)
	<input type="radio"/> 66 units for 12 months
	<input type="radio"/> 129 units for 24 months
	<input type="radio"/> 189 units for 36 months
	<input type="radio"/> 251 units for 48 months
	<input checked="" type="radio"/> 304 units for 60 months
	<input type="radio"/> 0 Activate SWA later

Reinstatement Fees are applicable
 Months 3
 SWA Units 17

A total of 321 SWA Units will be activated to maintain Software Assurance on this site.

If you wish to add a reference number please add below:

By selecting the checkbox you are authorizing that SWA units will be extracted from your SWA unit bin to activate SWA on the application(s)

Proceed **Cancel**

- Click on Proceed to activate SWA for 60 months, including reinstatement fee.

Reship SWA Units (only with SWA Distributor Role)

SWA Units can easily be reshipped by a Distributor to a Dealer/Reseller.

Remark: to reship SWA Units the LMS user needs SWA Distributor Role.

Reship SWA Units as follows:

- Go to the SWA Units Bin (click on menu “Software Assurance”)
- Click on the “Reship” button

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LMS User, Distribr X
Date: January 07, 2013
logout

Home License Administration Customer Tools SoftwareAssurance Help

SWA Unit Orders: All Available SWA Unit Orders/ Shipments that are not expired

SWA Units (UnAllocated: 400/ Allocated: 0 / Available: 400)

Sales Order	Purchase Order	Part Number	Quantity	Available	Expires
SO-SWAUnits-08012013	PO-SWAUnits-08012013	BE112031	400	400	04/17/2013

Reship

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- Enter the Dealer information and quantity of SWA Units to be reshipped (e.g. 250)
- Click the “Ship Order” button

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LMS User, Distribr X
Date: January 07, 2013
logout

Home License Administration Customer Tools SoftwareAssurance Help

New Shipment Order

Dealer E-mail address
LMS User, Dealer Y (edwin.bosscha@nec-unified.com)

Sales Order Number
SO-SWAreship08012013

Purchase Order Number
PO-SWAreship08012013

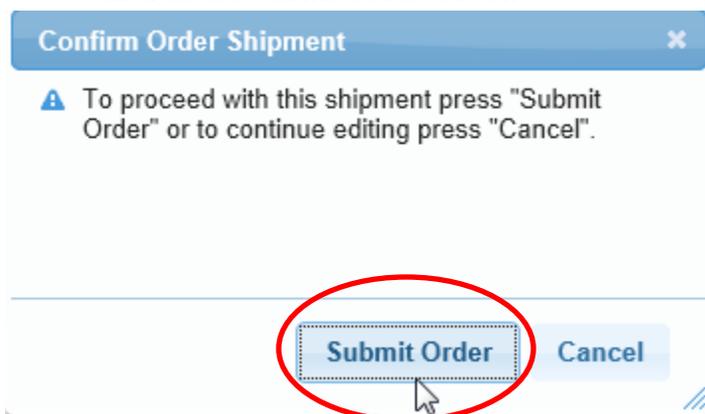
Quantity
250
(Available: 400)

Associate Information
Associate Name: Dealer Y
Location Name:Edwins Dealer Location
Address: Vechtstraat 41,,, Den Ham, Drenthe, Nederland

Ship Order

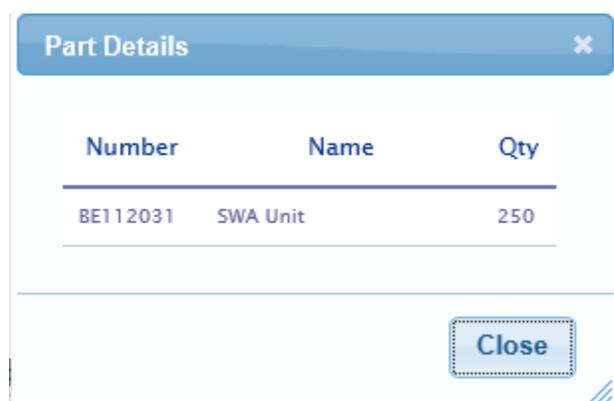
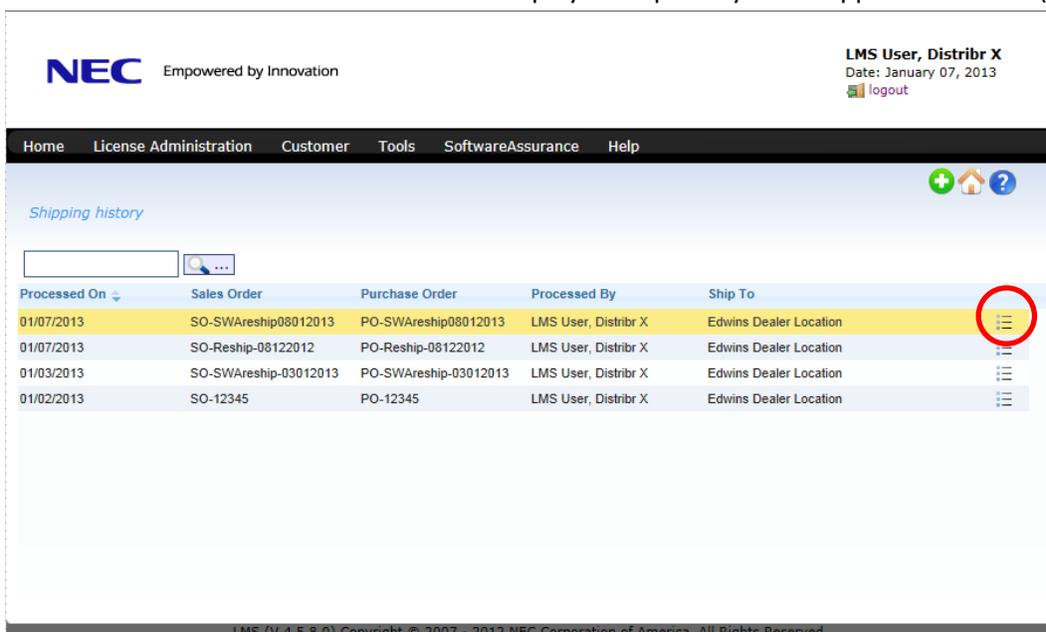
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- Click on the “Submit Order” button



After a while the LMS shows the reshipped (resold) SWA Units Purchase Order

- Click on the “Part details button” displays the quantity of reshipped SWA Units (250)



The SWA Units Bin at the Dealer shows the SWA Units received from the Distributor.

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LMS User, Dealer Y
 Date: January 07, 2013
 logout

Home
License Administration
Customer
Tools
Software Assurance
Help




SWA Unit Orders: All Available SWA Unit Orders/ Shipments that are not expired



SWA Units (UnAllocated: 250 / Allocated: 0 / Available: 250)

Prospective Software Assurance Locations

Sales Order	Purchase Order	Part Number	Quantity	Available	Expires
SO-SWAreship08012013	PO-SWAreship08012013	BE112031	250	250	04/17/2013

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Free of Charge Licenses

In case a Customer location has Software Assurance activated then the Business Partner may obtain the latest version licenses for that Customer Location in LMS, free of charge.

Remark:

1. No Purchase Order is required for obtaining 'free of charge' licenses.
2. **Systems in the grace period can also make use of Free of charge license**

Example Free of Charge Licenses when SWA Active

Looking at the Customer Location page having Software Assurance activated

- Click on the SWA icon

Home License Administration Customer Tools SoftwareAssurance Help

License Bin: All Attached and Activated Licenses for Customer Location

Location Name: SV8300 - hvo18110005 Anton Philipsweg 1, Hilversum Noord-Holland Nederland 1223KZ

Hardware Key Code: 18CYG-IPS-00000000BJ300642rC

System: SV8300 License Manager Client Licenses

Location Id

Application Name	Status	Agreement#	Expires	SWA Units required
SV 8300		50180-RXJE47947-N	02/28/2015	

Available: **8202**

- Click on the "Show Downloads" Icon

Home License Administration Customer Tools SoftwareAssurance Help

Software Assurance Home Page: View Manage software assurance license requests.

Base Hardware Key Code: 18CYG-IPS-00000000BJ300642rC

Location Name: Test Customer Hans van Os - SV8300 - hvo18110005

Location Address: Anton Philipsweg 1, Hilversum Noord-Holland Nederland 1223KZ

External Location Id

Assured Applications

Name	Status	Agreement Number	Expiry Date
SV 8300		50180-RXJE47947-N	02/28/2015

Upgrade Licenses

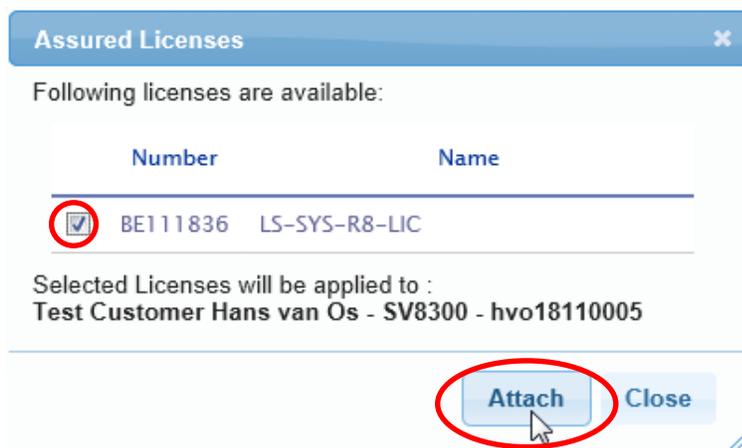
Show Downloads

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- Click on the License Downloads Icon



- Mark the checkbox for the “free of charge” System R8 license
- Select and click Attach (and continue to activate the license as usual)



- Download the new license file

Example Free of Charge Licenses when System is in grace period

Looking at the Customer Location in “grace period” (yellow Icon)

- Click on the yellow SWA icon

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LMS User (with SWA Role)
Date: March 14, 2014
logout

Home License Administration Customer Tools SoftwareAssurance Help

Customer Locations: View and Search Customer Locations based on Name and Hardware Key Code (30 locations are displayed at once. To search for a specific location, enter the Name or HardwareKeyCode in the Search box)

aa00145A2792887557

Location Name	Hardware Key Code
BCT - 20140221 - Dear Associate - BCT	aa00145A2792887557AA

Grace Period for SWA is Active

- Click on the “Show Downloads” Icon

NEC Empowered by Innovation

LMS User (with SWA Role)
Date: March 14, 2014
logout

Home License Administration Customer Tools SoftwareAssurance Help

Software Assurance Home Page: View Manage software assurance license requests.

Base Hardware Key Code	aa00145A2792887557AA
Location Name	New Test Customer Hendrikus - BCT - 20140221 - Dear Associate
Location Address	Anton Philips weg 1 Hilversum - Noord Noord-Holland (Noord) Nederland 1223KZ
External Location Id	18eada84-333d-4282-b2fe-1ca00f978b9e

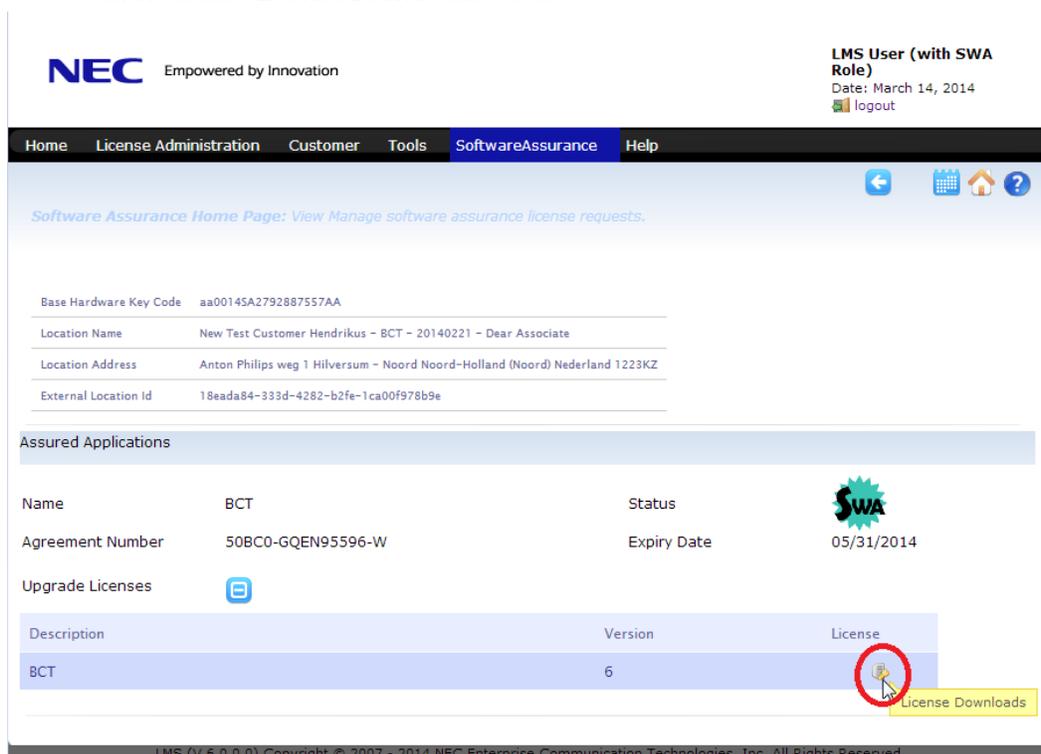
Assured Applications

Name	Agreement Number	Status	Expiry Date
BCT	50BC0-GQEN95596-W		05/31/2014

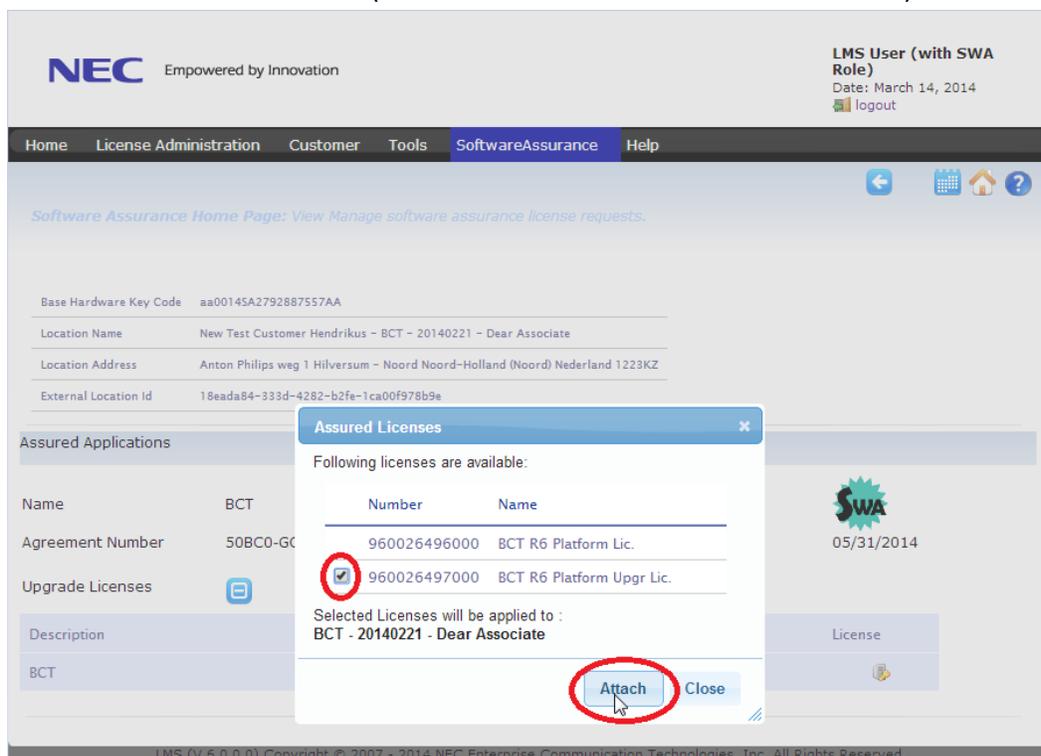
Show Downloads

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- Click on the “License Downloads” Icon



- Select and click Attach (and continue to activate the license as usual)



- Download the new license file

Arrive at the SWA Renewal page

The SWA Renewal page will be shown.

By default an initial quote will be shown for renewal Activation 'Today' and 12 Months duration.



Empowered by Innovation

LMS User (with SWA Role)
 Date: July 16, 2014
[logout](#)
 SWA Status Active ➔

Home
License Administration
Customer
Tools
Software Assurance
Help

Software Assurance Renewals: View Manage software assurance Renewals for all locations under a customer.

Renewal Customer, 321665
 Anton Philips weg 1 Hilversum Noord-Holland Netherlands 1223KZ

All systems available for renewal are selected. You can deselect by removing the check in the check field. This may change the start moment, so remember to press Get Quote again.
 The duration of the renewal can also be expanded up to 36 months depending per product. To get a new quote remember to press Get Quote.
 if you coterm (renew more than one system in the same go) minimum one system requires SWA duration of 12 months.
 For an individual system the minimum of 12 months is also applicable.

Renewal activation moment:

Renewal end date:

Duration for Renewal:

Get Quote
Refresh

Renew and Co-term all existing and expired Software Assurance agreements for this customer.

Location: uMobility 1

Renew and Co-term all existing and expired Software Assurance agreements for this Location.

<input type="checkbox"/> uMobility 53A4AA19110F	<div style="width: 100%; height: 15px; background: linear-gradient(to right, #90EE90, #800080, #6495ED);"></div>	44
--	--	----

Location: RCC 1

Renew and Co-term all existing and expired Software Assurance agreements for this Location.

<input type="checkbox"/> RCC aa00145A2792654189AA	<div style="width: 100%; height: 15px; background: linear-gradient(to right, #90EE90, #800080, #6495ED);"></div>	117
--	--	-----

Location: 3C 1

Renew and Co-term all existing and expired Software Assurance agreements for this Location.

3C 3C342CB25F2C	<div style="width: 100%; height: 15px; background: linear-gradient(to right, #90EE90, #800080, #6495ED);"></div> ✖	
--------------------	--	--

Location: BCT1

Renew and Co-term all existing and expired Software Assurance agreements for this Location.

Remarks:

- Rule: 'at least one location should have 12 months renewal'
- Duration can be changed (per month), Click Get Quote for new calculation
- In case the quote fails you will see an error symbol.

Hovering over the error symbol will display the reason for quote failure.

Location: 3C 1

Renew and Co-term all existing and expired Software Assurance agreements for this Location.

3C 3C342CB25F2C	<div style="width: 100%; height: 15px; background: linear-gradient(to right, #90EE90, #800080, #6495ED);"></div> ✖	
--------------------	--	--

Location: BCT1

Renew and Co-term all existing and expired Software Assurance agreements for this Location.

<input type="checkbox"/> BCT aa00145A2792165335AA	<div style="width: 100%; height: 15px; background: linear-gradient(to right, #90EE90, #800080, #6495ED);"></div>	
--	--	--

Location: UM4730 1

Renew and Co-term all existing and expired Software Assurance agreements for this Location.

Quotes are available for less than 5 year agreement due to Maintenance. Quotes are available for less than 5 year agreement due to MAX SWA. DesiredEndMonth is earlier than SWAStartDate. Quote Failed: DesiredEndMonth=2017/05, SWAStartDate=2017-7-1 0:0:0, AppID=3C, SystemSerialCode=3C342CB25F2C, AgreementNumber=503CO-ZRNL16308-R02.

Start SWA Renewal

Now you can make a choice, either.....

Co-term all locations of a Customer

- Check the upper Renew and co-term checkbox (top left)
- Click Renew button (bottom right)

Observe the Total number of SWA Units required for SWA renewal

Renew and Co-term all existing and expired Software Assurance agreements for this customer.

Location:uMobility_1
 Renew and Co-term all existing and expired Software Assurance agreements for this Location.
 uMobility 53A4AA19110F  44

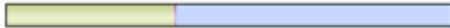
Location:RCC_1
 Renew and Co-term all existing and expired Software Assurance agreements for this Location.
 RCC aa00145A2792654189AA  117

Location:3C_1
 Renew and Co-term all existing and expired Software Assurance agreements for this Location.
 3C 3C342CB25F2C  44

Location:BCT1
 Renew and Co-term all existing and expired Software Assurance agreements for this Location.
 BCT aa00145A2792165335AA  243

Location:UM4730_1
 Renew and Co-term all existing and expired Software Assurance agreements for this Location.
 UM4730 7654765347654  205

Location:DECT_1
 Renew and Co-term all existing and expired Software Assurance agreements for this Location.
 DECT 1FF0022F  469

Location:iS3000_1
 Renew and Co-term all existing and expired Software Assurance agreements for this Location.
 iS3000 aa00145A2792978543AA  44

There are 6415 token currently available for use.
 A total of 1078 SWA Units will be activated to maintain Software Assurance on this site.

If you wish to add a reference number please add below:

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Or.....

Select one (or more) locations

- Check the proper checkbox(s)
- Click Renew button (bottom right)

Observe the Total number of SWA Units required for SWA renewal

Renew and Co-term all existing and expired Software Assurance agreements for this customer.

Location:uMobility 1

Renew and Co-term all existing and expired Software Assurance agreements for this Location.

uMobility 53A4AA19110F  44

Location:RCC 1

Renew and Co-term all existing and expired Software Assurance agreements for this Location.

RCC aa0014SA2792654189AA  117

Location:3C 1

Renew and Co-term all existing and expired Software Assurance agreements for this Location.

3C 3C342CB25F2C  x

Location:BCT1

Renew and Co-term all existing and expired Software Assurance agreements for this Location.

BCT aa0014SA2792165335AA  243

Location:UM4730 1

Renew and Co-term all existing and expired Software Assurance agreements for this Location.

UM4730 7654765347654  205

Location:DECT 1

Renew and Co-term all existing and expired Software Assurance agreements for this Location.

DECT 1FF0022F  469

Location:iS3000 1

Renew and Co-term all existing and expired Software Assurance agreements for this Location.

iS3000 aa0014SA2792978543AA 

There are 6415 token currently available for use.
A total of 469 SWA Units will be activated to maintain Software Assurance on this site.

If you wish to add a reference number please add below:



Finish renewal

Suppose you have chosen one location for renewal

- Click Proceed

Location:3C 1
 Renew and Co-term all existing and expired Software Assurance agreements for this Location.
 3C
 3C342CB25F2C

Location:BCT1
 Renew and Co-term all existit
 BCT
 aa00145A2792165335

Location:UM4730 1
 Renew and Co-term all existit
 UM4730
 7654765347654

Location:DECT 1
 Renew and Co-term all existing and expired Software Assurance agreements for this Location.
 DECT
 1FF0022F

Quote Information
 To Proceed with SWA Renewals for selected sites, Click on Proceed.
 Proceed Cancel

243
205
469

After a while you will see the SWA renewal was successful message....

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LMS User (with SWA Role)
 Date: July 21, 2014
 logout
 SWA Status Active

Home License Administration **Customer** Tools Software Assurance Help

SWA Renewal was processed successfully

Check renewal

- Click Menu Tools – Locations and then enter and search for the HWKC (PARI) 1FF0022F
- Check Agreement was renewed (R02 means 2nd time renewal, with new expiry date)

License Bin: All Attached and Activated Licenses for Customer Location

Location Name	DECT 1	Anton Philips weg 1 Hilversum Noord-Holland Netherlands 1223KZ
Hardware Key Code	1FF0022F	
System	DECT	
Location Id	2c17b2a8-1f2c-4d65-8f61-ce9885b28e9b	

Application Name	Status	Agreement#	Expires	SWA Units required
DECT	SWA	50DE0-APPG37376-R02	05/31/2017	

Available: **5946**

Contact Information (APPENDIX)

Whom to contact in case of questions or problems.

Contact your Channel Manager in case of:

- Pending LMS user account and or User Role approval

Contact the LMS Administrator in case of:

- LMS related license problems (no files, registration problems, license activation fails)
- Hardware replacement (license transfer in case of defective CPU)

Please enter a Call in our Call Registration System for Business Application Users

URL= <http://businessnet.nec-enterprise.com/Processes/Call-Registration/Pages/Home.aspx>

- Subject: a short description of the problem
- **Application: <select> License Desk**
- Description; describe as clearly as possible what the problem is.

Contact the Technical Support department in case of:

- System (HW and SW) related problems

Contact should preferably be made via ITE Portal

Contact the Prophix Support team in case of:

- Prophix tool related problems

Please enter a Call in our Call Registration System for Business Application Users

URL= <http://businessnet.nec-enterprise.com/Processes/Call-Registration/Pages/Home.aspx>

- Subject: a short description of the problem
- **Application: <select> Prophix**
- Description; describe as clearly as possible what the problem is.

Contact the Presales Support team in case of:

- License configuration problems

E-mail: **PortfolioSupport@emea.nec.com**

HISTORY

V1

Changes compared with LMS 10.x User Guide V1 - August 2019.docx

- LMS Functional changes
 - Unlicensed DAP Controller DECT added
 - SV9500 Small Enterprise Model (SE) Added
- LMS Textual changes
 - Added SV9500 SE Hardware Key Code format (example)