NEC

Using Prophix

to Replicate an SV8100 to an SV9100

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Contents

1. SV8100 TO SV9100 REPLICATION VIA PROPHIX

Replication of an existing SV8100 system to an SV9100 system where the customer wishes to re-use/migrate their existing SV8100 hardware.

Refer to the list of parts at the end of this guide for details of which parts can/cannot be migrated from an SV8100 to the SV9100 system.

SV8100 licenses cannot be re-used with an SV9100; you must purchase new SV9100 licenses. Prophix can retrieve the SV8100 licenses from LMS and add the equivalent SV9100 licenses to you project.

This allows you to re-use selected SV8100 hardware when migrating an existing customer to the SV9100.

Overview of the replication process
1. Obtain the details of the existing SV8100 system
2. Use Prophix to replicate the hardware and licenses required for an SV9100
3. Check the Prophix report for any warnings or missing parts
4. Request rebate for MyCalls Applications or move of BCT licenses

Prophix retrieves the license details of the SV8100 from LMS; it uses the Hardware Key Code to identify the system within LMS.

Prophix can only replicate the items retrieved from LMS, ALL other items must be replicated manually.

LMS does not contain <u>any</u> details of the hardware installed within the SV8100 – you must enter this manually as part of the Replication process.

Some features are licensed differently on the SV9100 (eg Mobile Extensions), you must also enter these manually.

1.1 Summary - Migration of an SV8100 to the SV9100

The SV9100 system can accommodate the majority of system parts from an existing SV8100 system:
* All chassis parts and battery boxes can be migrated
* All DT300/DT400 & DT700/DT800 terminals can be migrated, IP Terminal license required
* Most interface cards can be migrated, Hardware Migration license required
* UM8000 voicemail can be migrated, Hardware Migration & UM8000 licenses required

* SV8100 licenses <u>cannot</u> be migrated; they must be re-purchased for the SV9100.

MyCalls
* MyCalls Applications can be migrated but must be at V4.5 prior to the migration and must be re-purchased for the SV9100
* MyCalls call recorder hardware can be re-used on the SV9100
* MyCalls Call recorder licenses must be re-purchased for the SV9100
* Rebates are available for MyCalls applications and Call recorder licenses

IPDECT
* IPDECT DAP Manager can be re-used on the SV9100
* IPDECT handsets can be re-used on the SV9100, IP Extension licenses must be re-purchased

BCT
* BCT Applications can be re-used on the SV9100, OAI license must ne re-purchased
* BCT licenses are moved by NEC License desk

UC Desktop Suite
* UC Desktop Suite Applications must be re-purchased for the SV9100
* SV9100 <u>does not</u> support all of the SV8100 Desktop Suite applications

Hospitality
* Hospitality Applications can be re-used on the SV9100
* Any platform based Hotel or PMS licenses must be re-purchased
* PVAA card and AKS-PVA CF can be migrated, licenses required

1.2 Obtain the details of the SV8100

You must have these details of the SV8100 system:

1. SV8100 Hardware Key Code
2. List of hardware installed in the SV8100 system
3. Details of any Netlink or Networking to other system
4. Quantity of InMail voicemail users
5. Quantity of Mobile Extension users
6. Applications in use, Hotel/PMS, MyCalls, BCT etc

Refer to Obtaining Details of the SV8100 prior to Replication for details of how to obtain the details of the SV8100.

1.3 Use Prophix to replicate the licences

To begin the Replication Process select the **Create a New Project** option.

1.3.1 Select SV9100 at the Prophix Start Page

Within the Start Page check **Existing System** and choose the **SV9100** Product Line.
Click **OK**
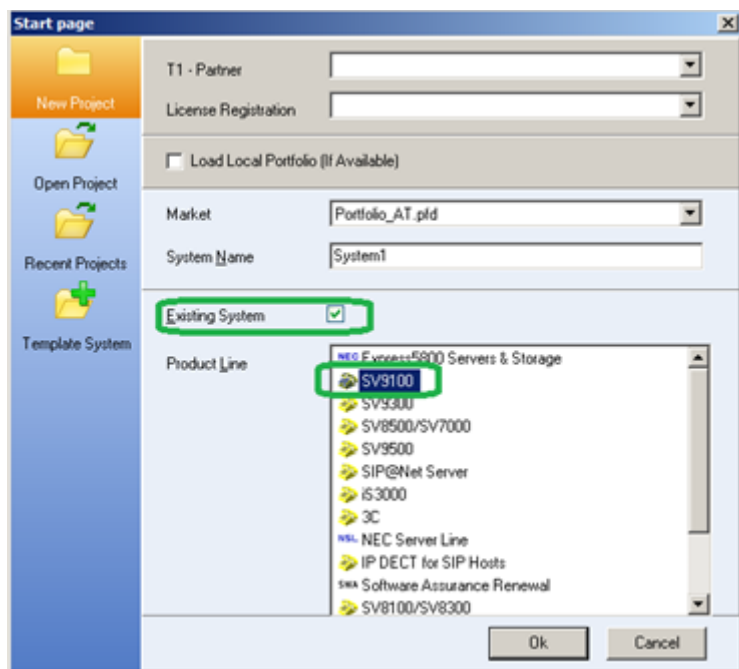
1.3.2 Enter SV8100 Hardware Key Code

Within the System Information TAB enter the HKC of the SV8100 to be replicated.

Prophix will detect this HKC as being an SV8100 Product Line and begin the Replication Process.

1.3.3 Prophix Warning Messages

It is possible that LMS may contain SV8100 license information that is not recognized by Prophix.
Prophix will give a warning message indicating any part codes that are not recognized.
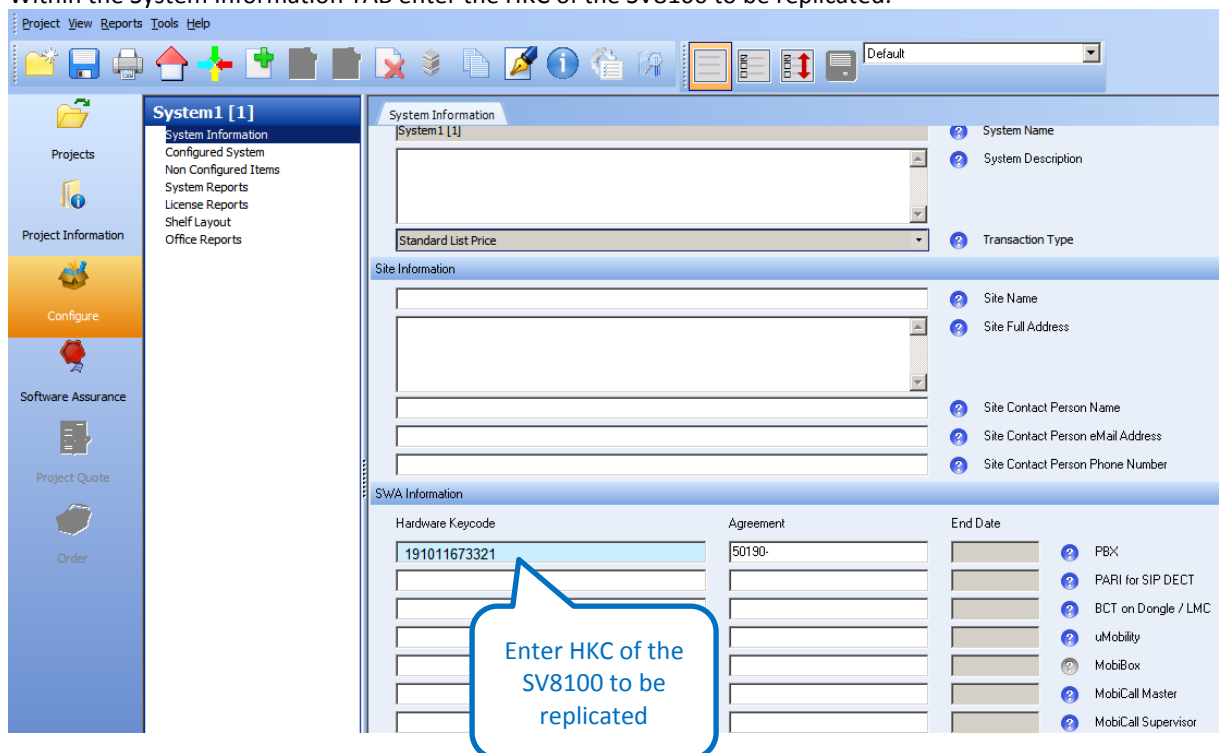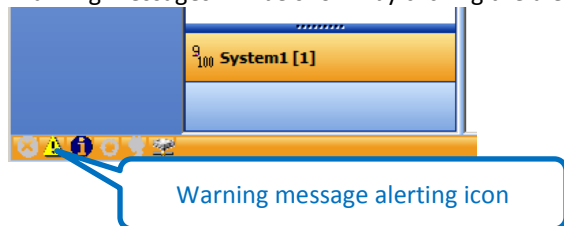
Warning messages will be shown by clicking the alerting icon at the bottom left of the screen.

Warning message alerting icon

- **Any parts that generate a warning message will <u>not be replicated to the SV9100</u>.**
- **You must ensure that you add these parts manually to the SV9100 before completing the process within Prophix.**
- **Refer to the list of parts at the end of this guide for details of which parts can/cannot be migrated from an SV8100 to the SV9100 system, if the part code is not shown on this list then please contact your channel manager.**

1.3.4 Select Upgrade or Expanded system

The replicated SV9100 is added by selecting the **Create an Upgrade or Expanded System** option.

The Replicated SV9100 system
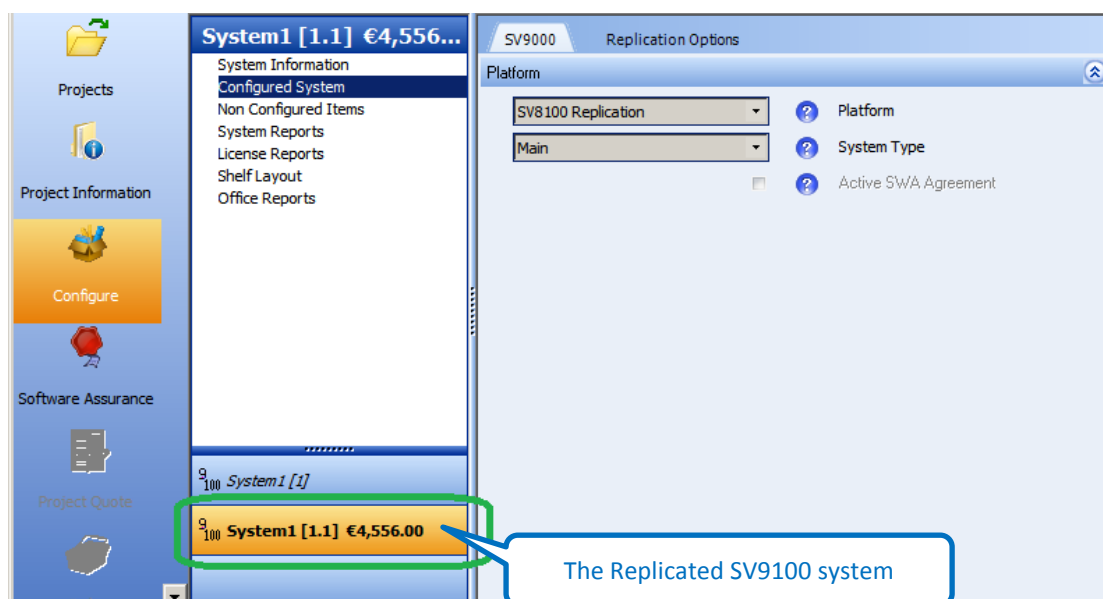
The replicated SV9100 will be created by retrieving the license details of the SV8100 from LMS.
The SV9000 TAB within the expanded system will also be set to read only, with 'SV8100 Replication' selected for the Platform option, as shown above; this confirms that the SV9100 system has been created from the SV8100 details retrieved from LMS.

1.3.5 Manually Enter the SV9100 Hardware and Selected Licenses

Select the Replicated SV9100 system and then select the Replication Option Tab.
This TAB is only available within the Replication process.

Hardware Section
Replacement CPU's
Shows that an SV9100 GCD-CP10 card has been configured.

Replacement CPU's for Remote Systems (NetLink)
Shows the quantity of remote or Netlinked systems retrieved from LMS.
Each remote system will configure:
1 x GCD-CP10 card
1 x IPLE card
1 x SD-A1/SD-B1 card (as selected)
1 x Netlink License
Prophix will also add the IPLE card for the Main system.

SD Memory Card Option
Select the SD-A1 or SD-B1 memory card required.
This option will select the SD card for each system within a NetLink network.

CD-LTB cards to be replaced by GCD-LTA

The CD-LTB card cannot be installed into the SV9100 system.

If any are installed in the existing SV8100 systems then you must either:

  a) Replace them with GCD-LTA cards
  b) Move the ports to another Analogue Station card

The CD-LTB provides: 2 x SLT ports and supports the connection of a PZ-BRIA daughter card.

The GCD-LTA provides: 2 x SLT ports plus 8 x Digital extension ports and also supports the connection of a PZ-BRIA daughter card.

If Replacing

You can replace the CD-LTB cards with GCD-LTA cards by adding the quantity of cards in this option.

The extension ports of the GCD-LTA cards will <u>not</u> be counted within the SV9100 system port capacity calculation; you can include any GCD-LTA cards within your SV9100 Port Capacity Licenses; you must add 10 ports (2 x analogue extension and 8 x Digital extension) for each GCD-LTA added to the SV9100.

The Hardware Migration license is not required for the GCD-LTA as this is an SV9100 card.

If Moving

If you wish to move the 2 x SLT ports of the CD-LTB card then the following cards are available:

SV8100 Analogue Extension cards		Hardware Migration License required?
BE106346	CD-4LCA	Yes
BE106347	PZ-4LCA	
BE106348	CD-8LCA	
BE106349	PZ-8LCE	
BE113434	GCD-4LCF	No
BE113435	GCD-8LCF	
BE113436	GPZ-4LCF	
BE113437	GPZ-8LCF	

Note –

  • If the CD-LTB card had the PZ-2BRIA daughter card installed then you must also replace these as they cannot be installed onto analogue extension cards.
  • If you are adding additional analogue station cards then you must ensure there are sufficient slots available within the chassis; Prophix does not add any additional chassis as part of the Replication process.

Extensions Section

Total Analogue Extension Interfaces

Enter the quantity of analogue extension interfaces (ports) that will be required to support the cards you are migrating from the SV8100.

This includes these SV8100 cards:

BE106899	CD-4DIOPB (4 ports)
BE106346	CD-4LCA (4 ports)
BE106347	PZ-4LCA (4 ports)
BE106349	PZ-8LCE (8 ports)
BE106348	CD-8LCA (8 ports)

Include any GCD-LTA cards that you may have requested:

BE113170	GCD-LTA (2 ports)

The value is used to calculate the quantity of SV9100 Port Capacity licenses that may be required.

Total Digital Extension Interfaces

Enter the quantity of digital extension interfaces (ports) that will be required to support the cards you are migrating from the SV8100.

This includes these SV8100 cards:

BE106345	CD-16DLCA (16 ports)
BE106344	CD-8DLCA (8 ports)
BE106416	PZ-8DLCB (8 ports)

The value is used to calculate the quantity of SV9100 Port Capacity licenses that may be required.

Total IP Extensions

This quantity is retrieved from LMS, you cannot alter this value.

Includes all IP extension licenses retrieved from LMS: NEC IP Terminals, 3rd Party IP terminals, IPDECT handsets & BCT port licenses.

Details can be viewed within the License Reports.

The SV9100 includes 4 built in licenses for IP Extensions; these will be allocated to the first four NEC IP terminals, they will not be used for 3rd Party IP extensions.

The value is used to calculate the quantity of SV9100 Port Capacity licenses that may be required.

Mobile Extension Ports

Enter the quantity of Mobile Extension ports that will be required on the SV9100.

There are 4 licenses built in with the system, these will be used when Prophix calculates the licenses required.

The value is used to calculate the quantity of SV9100 Port Capacity licenses that may be required.

Trunks Section

Total Analogue Trunk Interfaces
Enter the quantity of analogue trunk interfaces (ports) that will be required to support the cards you are migrating from the SV8100.
This includes these SV8100 cards:
BE106350   CD-4COTA (4 ports)
BE106352   PZ-4COTE (4 ports)
BE106900   CD-4ODTB (4 ports)

The value is used to calculate the quantity of SV9100 Port Capacity licenses that may be required.

Total Digital Trunk Interfaces
Enter the quantity of digital trunk interfaces (ports) that will be required to support the cards you are migrating from the SV8100.
This includes these SV8100 cards:
BE106359   CD-PRTA (30 ports)
BE106355   CD-2BRIA (4 ports)
BE106356   PZ-2BRIA (4 ports)

The value is used to calculate the quantity of SV9100 Port Capacity licenses that may be required.

Total IP Trunk Interfaces
This quantity is retrieved from LMS, you cannot alter this value.
Details can be viewed within the License Reports.

The value is used to calculate the quantity of SV9100 Port Capacity licenses that may be required.

Licenses Section
SV9100 Port Capacity Licenses
Shows the quantity of SV9100 Port Capacity licenses that are required to support the migrated hardware and replicated licenses.
- You can alter this value if required to allow for additional cards/licenses that may be installed at a later date.
- It is not recommended that you reduce this value otherwise the SV9100 system will not be able to support all of the installed interfaces.

Note – Common to all Prophix calculated values: Once altered manually then Prophix will not re-calculate the value if you add/remove other interfaces, to enable automatic calculation again, right click within the box and select the 'Reset Requirement: …' option.
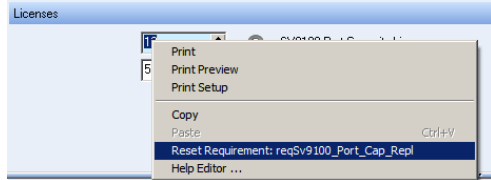
Prophix will calculate the quantity of SV9100 Port Capacity licenses using these rules:
- The SV9100 has 64 Port Capacity licenses included.
- There are 12 allocated to the built in licenses for the 4 IP Extensions, 4 Mobile Extensions and 4 SIP trunks; leaving 52 remaining.
- Once the remaining 52 are allocated then Prophix will add additional Port Capacity licenses.

SV9100 InMail Users
Prophix will retrieve the quantity of InMail users from the LMS.
If the quantity is 49 or less than you cannot alter it.
If the quantity is 50 or more then you have the option to increase the value; this is because on the SV8100 a quantity of 50 users gave a site wide license for up to 512 users. For the replication process you must confirm the actual quantity required on the SV9100.
The maximum value is limited to 512 as this was the maximum quantity from the SV8100.

OAI License for BCT
Prophix will retrieve the OAI license details from the LMS if it was installed on the SV8100.
If an OAI license is retrieved this box will be checked.
Any port licenses required for BCT will be retrieved from LMS and replicated to the SV9100.
If the SV8100 had BCT licenses via a dongle then there will not be an OAI license to retrieve from LMS, check this box to add the OAI license to the SV9100.

The BCT Application Licenses are moved by NEC License Desk after you have migrated the system to the SV9100. The request to move the licenses is made via BusinessNet.

Hardware Migration License
Prophix will add the Hardware Migration license once you add any trunk/extension interfaces; as these will indicate that you are migrating hardware from the SV8100 system.
The following items will add the Hardware Migration license:
- **Total Analogue Extension Interfaces**
- **Total Digital Extension Interfaces**
- **Total Analogue Trunk Interfaces**
- **Total Digital Trunk Interfaces**
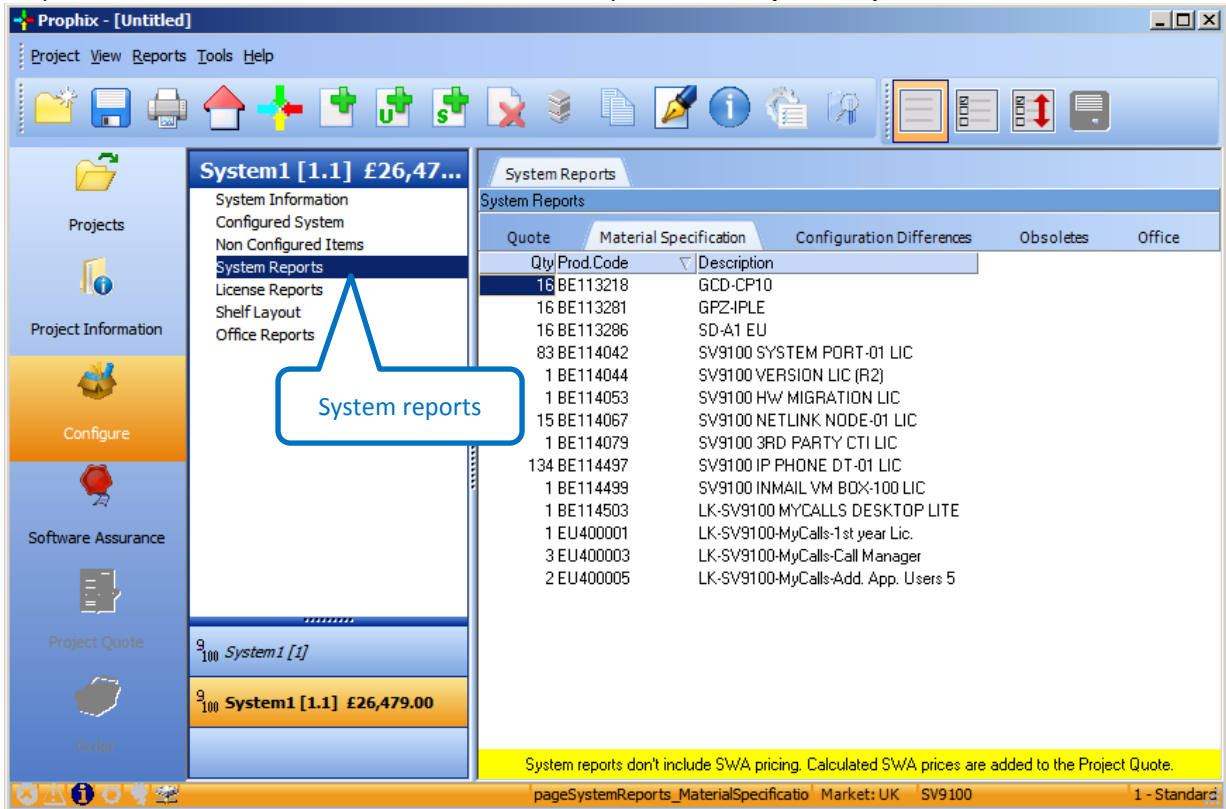
You can also manually select the Hardware Migration license if you wish.

1.4 Check the report for any warnings or missing parts

You must check that Prophix has replicated the SV8100 system to your requirements.

Prophix shows the items to be ordered for the SV9100 system, select **System Reports**.

Prophix shows the SV8100 licenses retrieved from LMS and the equivalent SV9100 licenses, select **License Reports.**

Setting up the columns in the license report.
Within the Reports screen right click over the column header and select **Report Properties**
Select the **Columns** tab and choose the columns you want to see.
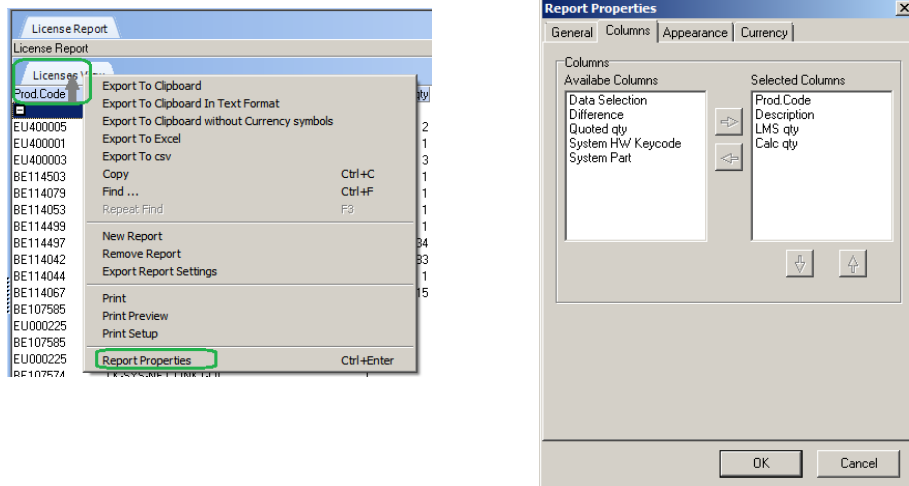
Checking the Warning Messages
First confirm that there are no warning messages generated by Prophix when retrieving the SV8100 licenses from LMS, refer to Prophix Warning Messages earlier in this document.

Identify the description of any license codes within the License Report.
If the item is included within the **Non Configured Items** within Prophix then you can add it to the SV9100 project.
If not, you will need to contact NEC to confirm the replacement part for the SV9100.

Checking the License Report
Check the License Report and confirm that all SV8100 licenses have been replicated to the equivalent SV9100 part.
Check the quantities are as required by the customer.
The report can be exported and printed by right clicking over the column header and selecting **Export To…**

The License Report can show the SV8100 licenses retrieved from LMS (**LMS Qty**) and the SV9100 licenses that will be ordered (**Calc Qty**).

1.5 Software Assurance (SWA)

It is not possible to add Software Assurance to the Replicated SV9100 project within Prophix.
SWA can be added to the system after installation by either re-entering the system details into a new Prophix project or retrieving the licenses details from LMS.
The Replicated SV9100 system will have the 12 months Grace Period for SWA.

If a price is required to quote for SWA then you can re-enter the SV9100 details into a new Prophix project.

1.6 Request the Rebate for MyCalls Applications

A rebate for the MyCalls licenses replicated to the SV9100 can be requested via BusinessNet.
Instructions are available on the BusinessNet page.

The MyCalls Application running on the SV8100 can be migrated to the SV9100 with certain requirements:

1. The MyCalls Application on the SV8100 must be at V4.5 before being migrated to the SV9100, this is a chargeable upgrade
2. The equivalent SV9100 MyCalls licenses for the SV9100 are purchased at current list price
   The rebate for the SV8100 MyCalls licenses is requested via BusinessNet and requires you to return the SV8100 CPU to NEC. The SV8100 CPU card will be scrapped by NEC, it will not be returned to the reseller.
3. There is an Administration fee applicable for the rebate of MyCalls licenses
4. A rebate is only available for like-for-like replication.

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┌─────────────────────┐        ┌─────────────────────┐
│  SV8100 Customer    │ ─────► │  Migrate to SV9100  │
└─────────────────────┘        └─────────────────────┘

        ┌────────────────────────────────┐
        │ Reseller uses Prophix to       │
        │ replicate the SV8100 to an     │
        │ SV9100. SV8100 HKC code is     │
        │ required Includes MyCalls      │
        └────────────────────────────────┘
                      ┆
        ┌────────────────────────────────┐
        │ No further action is required  │
        │ UNLESS MyCalls or BCT is       │
        │ included in the migration      │
        └────────────────────────────────┘
                      ┆
        ┌────────────────────────────────┐
        │ MyCalls rebate or Move of BCT  │    Request must be made
        │ licenses is requested via      │    within 90 days of ordering
        │ BusinessNet                    │    the SV9100
        └────────────────────────────────┘
        ┌────────────────────────────────┐
        │ SV8100 CPU card is returned to │
        │ NEC for MyCalls rebates        │
        └────────────────────────────────┘
        ┌────────────────────────────────┐
        │ 'NEC Admin' rebate the reseller│
        │ for the MyCalls licenses.      │
        │ NEC License desk move the BCT  │
        │ licenses on LMS                │
        └────────────────────────────────┘
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1.6.1 MyCalls parts list for rebates

SV8100 MyCalls License		Equivalent SV9100 MyCalls License that a rebate is requested for	
SV8100 MyCalls License Description	**SV8100 Code**	**SV9100 Code**	**Is rebate available**
MyCalls Basic	EU000002	EU400002	Yes
MyCalls Call Manager	EU000003	EU400003	Yes
Additional Client User Positions	EU000004	EU400004	Yes
Additional Client User Positions (5 Pack)	EU000005	EU400005	Yes
Agent Desktop User Positions	EU000006	EU400004	Yes
Agent Desktop User Positions (5 Pack)	EU000007	EU400005	Yes
Enterprise Site	EU000010	EU400010	Yes
MyCalls Call Centre functionality for 5 users	EU000012	EU400012	Yes
MyCalls Call Centre functionality for 10 users	EU000013	EU400013	Yes
MyCalls Call Centre functionality for 20 users	EU000014	EU400014	Yes
MyCalls Call Centre functionality for 30 users	EU000015	EU400015	Yes
MyCalls Call Centre functionality for 40 users	EU000016	EU400016	Yes
MyCalls Call Centre functionality for 50 users	EU000017	EU400017	Yes
Additional MyCalls Call Centre functionality for 10 users	EU000018	EU400018	Yes
Additional MyCalls Call Centre functionality for 1 user	EU000019	EU400019	Yes
Additional MyCalls Call Centre functionality for 1 Supervisor	EU000020	EU400020	Yes
Additional MyCalls Call Centre functionality for 5 Supervisors	EU000021	EU400021	Yes
Allow Agent Control Functionality From Mycalls	EU000044	EU400044	Yes
MyCalls Wallboard	EU000071	EU400071	Yes
MyCalls-Netlink	EU000102	EU400102	Yes
MyCalls-Single Ver. Upgrade	EU000117	EU400117	No
MyCalls- Any Ver. Upgrade	EU000118	EU400118	No
MyCalls-Agent Single Ver. Upg	EU000122	EU400122	No
MyCalls-Agent Any Ver. Upgrade	EU000123	EU400123	No
Enhanced call player	EU100021	EU400030	Yes
Call Recording Auditor	EU100022	EU400031	Yes
MyCalls-Console 1 User	EU000280	EU400034	Yes
MyCalls Console Adv.	EU000281	EU400035	Yes
Rec.Start-Stop	EU000284	EU400038	Yes
Presence User	EU000276	EU400039	Yes
Presence User 50	EU000277	EU400223	Yes
Presence User 100	EU000278	EU400224	Yes
Presence User 500	EU000279	EU400225	Yes
MyCalls Desktop			
MyCalls Desktop 5 User	EU000095	EU400095	Yes
MyCalls Desktop 10 User	EU000096	EU400096	Yes
MyCalls Desktop 25 User	EU000097	EU400097	Yes
MyCalls Desktop 50 User	EU000098	EU400098	Yes
MyCalls Desktop 100 User	EU000099	EU400099	Yes
MyCalls Desktop 512 User	EU000100	EU400100	Yes
MyCalls Desktop 5 Additional Users	EU000107	EU400107	Yes
MyCalls Desktop 10 Additional Users	EU000108	EU400108	Yes
MyCalls Desktop 25 Additional Users	EU000109	EU400109	Yes

SV8100 MyCalls License		Equivalent SV9100 MyCalls License that a rebate is requested for	
SV8100 MyCalls License Description	SV8100 Code	SV9100 Code	Is rebate available
SV8100 MyCalls Call Recorder **These are packages of Hardware + License**		SV9100 License only for call recorder parts	
Call recording for upto 4 Channels of Basic Rate ISDN	EU909002/ EU000047	EU400137	Yes
Call recording for upto 8 Channels of Basic Rate ISDN	EU909003 / EU000048	EU400138	Yes
Call recording for upto 16 Channels of Basic Rate ISDN	EU909004 / EU000049	EU400139	Yes
Call recording for upto 8 Channels of Primary Rate ISDN	EU909008 / EU000054	EU400138	Yes
Call recording for upto 16 Channels of Primary Rate ISDN	EU909005 / EU000050	EU400139	Yes
Call recording for upto 30 Channels of Primary Rate ISDN	EU909006 / EU000051	EU400142	Yes
Call recording for upto 60 Channels of Primary Rate ISDN	EU909007 / EU000052	EU400141	Yes
Call recording for upto 90 Channels of Primary Rate ISDN	EU000114	EU400110	Yes
Call recording for upto 120 Channels of Primary Rate ISDN	EU000115	EU400111	Yes
Call recording for upto 4 Analogue Trunks	EU909000 / EU000045	EU400135	Yes
Call recording for upto 8 Analogue Trunks	EU909001 / EU000046	EU400136	Yes
Call recording for upto 4 SIP Trunks	EU909009	EU400159	Yes
Call recording for upto 8 SIP Trunks	EU909010	EU400160	Yes
Call recording for upto 16 SIP Trunks	EU909011	EU400161	Yes
Call recording for upto 30 SIP Trunks	EU909012	EU400162	Yes
Call recording for upto 60 SIP Trunks	EU909013	EU400163	Yes
LK-SV9100-MyCalls-Rec. Pse PBX	EU000221	EU400221	No
LK-SV9100-MyCalls-Rec. Pse Callr	EU000222	EU400222	No

Notes for MyCalls.
A. The MyCalls table above shows the equivalent SV9100 part code.

- A rebate will be available when the SV8100 part is replaced with an equivalent SV9100 part.
- A rebate will not be available if the SV8100 part is not replaced.
- A rebate will be available if replaced with a higher specification part. You must indicate this when returning the SV8100 CPU for a rebate.
- A rebate will not be available if replaced with a lower specification part.

Example.

SV8100 MyCalls License Description	SV8100 Code	Replaced with SV9100 Code	Is rebate available
MyCalls Call Centre functionality for 10 users	EU100013	EU400012 (5 users)	No
MyCalls Call Centre functionality for 10 users	EU100013	EU400014 (20 users)	Yes – for EU400013 (10 users)

1.6.2 Migrating MyCalls Call Recorder from SV8100 to SV9100

MyCalls Call Recorder will need to be re-licensed after the migration of MyCalls from SV8100 to SV9100.
The Call recorder hardware can be re-used on the SV9100.

Call recorders are usually purchased as packages that include hardware and licenses, these packages are not suitable for migration as the customer will then have duplicate Call Recorder hardware.

There are specific Call Recorder Licenses available for migration which are used by Prophix for the replication process.

Call Recorder license	SV8100 package code (Hardware + License)	SV9100 license code for migration
Call Recorder 4BRI	EU909002 EU000047	EU400137
Call Recorder 8BRI	EU909003 EU000048	EU400138
Call Recorder 16BRI	EU909004 EU000049	EU400139
Call Recorder 8PRI	EU909008 EU000054	EU400140
Call Recorder 16PRI	EU909005 EU000050	EU400141
Call Recorder 30PRI	EU909006 EU000051	EU400142
Call Recorder 60PRI	EU909007 EU000052	EU400041
Call Recorder 90PRI	EU000114	EU400110
Call Recorder 120PRI	EU000115	EU400111
Call Recorder 4CO	EU909000 EU000045	EU400135
Call Recorder 8CO	EU909001 EU000046	EU400136
Call Recorder 4SIP	EU909009	EU400159
Call Recorder 8SIP	EU909010	EU400160
Call Recorder 16SIP	EU909011	EU400161
Call Recorder 30SIP	EU909012	EU400162
Call Recorder 60SIP	EU909013	EU400163

These are purchased as part of the SV9100 Replication process within Prophix and then a rebate is claimed via BusinessNet.
Notes for MyCalls Call Recorders.
A. If you are changing the MyCalls Call recorder to a different specification/product then you must purchase new Call Recorder packages that include hardware and license. A rebate will not be available for the SV8100 or SV9100 Call Recorder parts (hardware or licenses).

1.6.3 Call Recorder licenses that cannot be rebated

The following call recorder licenses cannot be rebated as they are not Kelmar licenses

Call Recorder license	SV8100	SV9100 license code for migration
LK-SV9100-MyCalls-Rec. Pse PBX	EU000221	EU400221
LK-SV9100-MyCalls-Rec. Pse Callr	EU000222	EU400222

These licenses must be purchased for the SV9100.

1.7 Request the move of BCT licenses to the SV9100

BCT Applications are not replicated to the SV9100; you must request that the licenses are moved from the SV8100 to the new SV9100. The request is made via BusinessNet and NEC will move the licenses in the LMS. Instructions are included within the BusinessNet page.

1.8 Parts List of Replicated Items

The following table shows the SV8100 hardware parts and if they are supported on the SV9100 system.

SV8100 Part code	Description	Supported by the SV9100 CPU card	Hardware Migration license required	Comment
BE106529	CHS2U-EU (19" chassis)	Yes	No	
BE107102	CHS2U B-EU (9.5" chassis)	Yes	No	
BE107363	CD-CP00-EU	N/A	N/A	Not required for the SV9100
BE106911	PZ-32IPLA	No	-	Use the IPLE card
BE106340	PZ-64IPLA	No	-	Use the IPLE card
BE106341	PZ-128IPLA	No	-	Use the IPLE card
BE110791	PZ-32IPLB	No	-	Use the IPLE card
BE110792	PZ-64IPLB	No	-	Use the IPLE card
BE110793	PZ-128IPLB	No	-	Use the IPLE card
BE107322	PZ-ME50-EU	No	-	Not required for the SV9100
BE106339	PZ-VM21	No	-	Not required for the SV9100
BE107682	AKS InMail EU	No	-	Not required for the SV9100
BE106342	PZ-BS10	Yes	Yes	
BE106343	PZ-BS11	Yes	Yes	
BE106346	CD-4LCA	Yes	Yes	
BE106347	PZ-4LCA	Yes	Yes	
BE106348	CD-8LCA	Yes	Yes	
BE106349	PZ-8LCE	Yes	Yes	
BE106344	CD-8DLCA	Yes	Yes	
BE106416	PZ-8DLCB	Yes	Yes	
BE106345	CD-16DLCA	Yes	Yes	
BE106899	CD-4DIOPB	Yes	Yes	
BE106905	CD-LTA	Yes	Yes	
BE106906	CD-LTB	No	-	LTB has 2 SLT ports – use any other Analogue Extension card on the SV9100
BE106350	CD-4COTA	Yes	Yes	
BE106352	PZ-4COTE	Yes	Yes	
BE106900	CD-4ODTB	Yes	Yes	
BE106355	CD-2BRIA	Yes	Yes	
BE106356	PZ-2BRIA	Yes	Yes	
BE106359	CD-PRTA	Yes	Yes	
BE106420	CD-ETIA	Yes	Yes	
BE106403	CHS2U BATT MTG KIT	Yes	No	
BE106737	CHS2U BATT CA INT	Yes	No	
BE106908	CHS LARGE BATT BOX	Yes	No	
BE106405	CHS2U RACK MOUNT KIT	Yes	No	
BE106406	CHS BASE UNIT	Yes	No	
BE106407	CHS1U/2U WALL MOUNT KIT	Yes	No	
BE106414	CHS2U JOINT BRACKET KIT	Yes	No	
BE106915	IP1E-1SLTAD	Yes	No	
BE106902	IP1WW-2PGDAD	Yes	No	
9600 589 91488	DX4NA Door phone	Yes	No	

SV8100 Part code	Description	Supported by the SV9100 CPU card	Hardware Migration license required	Comment
BE106415	CHS2U BLANK SLOT COVER KIT	Yes	No	
BE107691	CHSGW SMALL BATT BOX	Yes	No	
BE106419	CD-RTB	No	-	No replacement currently available
BE106422	PVAA Card CD-PVAA	Yes	Yes	
EU000174	AKS-PVA PMS CF	Yes	Yes	
BE106421	CD-VM00	Yes	Yes	
BE107683	AKS UM-2G EU	Yes	No	Must be installed to the GCD-VM00 card BE113046
BE107684	AKS UM-8G EU	Yes	No	Must be installed to the GCD-VM00 card BE113046

Mixing main and daughter cards within the SV9100 system

- It is possible to mix an SV8100 CD card with and SV9100 GPZ daughter card with the Hardware Migration license installed

- It is possible to mix an SV9100 GCD card with and SV8100 PZ daughter card with the Hardware Migration license installed

- It is possible to mix SV8100 and SV9100 cards in the same chassis/system with the Hardware Migration license installed

- If the Hardware Migration license is not installed onto the SV9100 then you cannot mix SV8100 and SV9100 main and daughter cards, you must use only SV9100 cards.

Mixing main and daughter cards within the SV8100 system
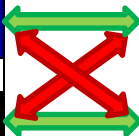
- It is possible to mix an SV8100 CD card with and SV9100 GPZ daughter card

- It is possible to mix an SV9100 GCD card with and SV8100 PZ daughter card

- It is possible to mix SV8100 and SV9100 cards in the same chassis/system

Daughter card –
SV8100: PZxxxx
SV9100: GPZxxxx

Main card –
SV8100: CDxxxx
SV9100: GCDxxxx
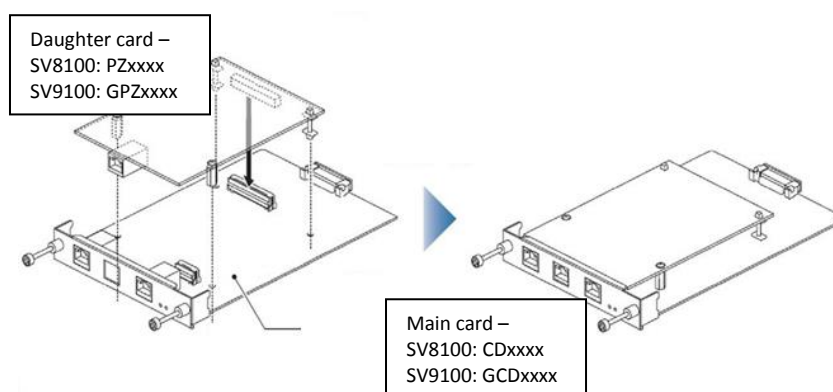
Analogue Station cards

Table below shows that there **are hardware restrictions** when mixing these SV8100 and SV9100 main and daughter cards.

It is **not possible** to mix SV8100 and SV9100 Analogue Station Main/Daughter cards.

SV8100 CD or SV9100 GCD card			SV8100 PZ or SV9100 GPZ daughter card	
SV8100 main card			**SV8100 daughter card**	
BE106346	CD-4LCA		BE106347	PZ-4LCA
BE106348	CD-8LCA			
SV9100 main card			**SV9100 daughter card**	
BE113434	GCD-4LCF		BE113436	GPZ-4LCF
BE113435	GCD-8LCF		BE113437	GPZ-8LCF

SV8100 Main and daughter cards　　　　or　　　　**SV9100 Main and daughter cards**

Daughter card –
SV8100: PZxxxx

Main card –
SV8100: CDxxxx

Daughter card –
SV9100:GPZxxxx

Main card –
SV9100: GCDxxxx
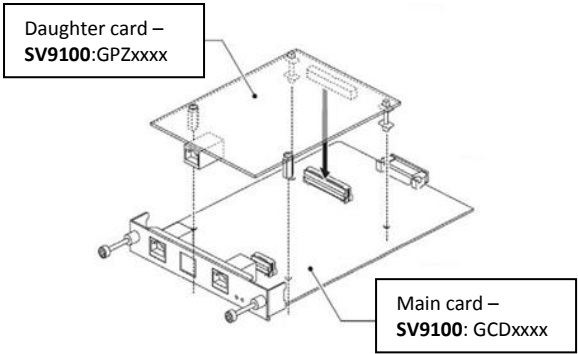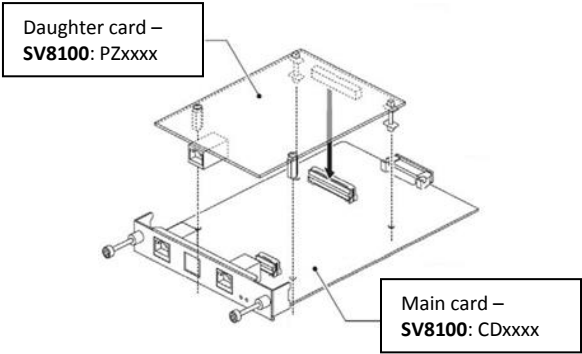
1.9 Migration of Licenses from an SV8100 to SV9100

It is **not possible** to migrate / install the SV8100 licenses to the SV9100.
The following table shows the SV8100 licenses and the equivalent SV9100 license.

SV8100 Part code	Description	Equivalent SV9100 Part code	Description	Comment
BE107572	LK-SYS-UNLIMT PORT-LIC	BE114042	SV9100 SYSTEM PORT-01 LIC	Different port based license scheme for the SV9100
BE107573	LK-SYS-256 PORT-LIC			
BE107574	LK-SYS-NET LINK1-LIC	BE114067	SV9100 NETLINK NODE-01 LIC	
BE107575	LK-SYS-HM-LIC (inc PMS)	BE114071	SV9100 HOTEL LIC	SV8100 has combined Hotel & PMS license SV9100 has separate licenses
		BE114072	SV9100 PMS LIC	
BE107576	LK-SYS-SMDR-LIC	N/A		Included with SV9100
BE107577	LK-SYS-3RD-CTI-CLIENT-LIC	BE114079	SV9100 3RD PARTY CTI LIC	
BE107578	LK-SYS-OAI-LIC	BE114077	SV9100 OAI LIC	
BE107579	LK-SYS-ACD-PEVENT-LIC	BE114075	SV9100 ACD P-EVENT LIC	
BE107580	LK-SYS-1ST-CTI1-LIC	BE114078	SV9100 1ST PARTY CTI-01 LIC	
BE107581	LK-SYS-ACD-CLIENT1-LIC	BE114074	SV9100 ACD AGENT-01 LIC	
BE107582	LK-SYS-IP-TRUNK1-LIC	BE114065	SV9100 IP TRUNK-01 LIC	
BE107583	LK-SYS-KCCIS-IP-LIC	BE114066	SV9100 NETWORKING-01 LIC	
BE107584	LK-SYS-FEATURE-NETWORKNG-LIC	BE114066	SV9100 NETWORKING-01 LIC	
BE107585	LK-SYS-IP-TERMINAL-1-LIC	BE114497	SV9100 IP PHONE DT-01 LIC	
BE107586	LK-SYS-IP-TERMINAL-SIP1-LIC	BE114054	SV9100 IP PHONE-01 LIC	
EU000080	3rd Party SIP for SIP DECT Handset	EU909001	SV9100 3rd Party NEC IP PHONE01 LIC	Used for IPDECT handsets. Equivalent to BE114054
EU909033	NEC SIP Licence	EU901002	SV9100 STD SIP NEC ONLY LIC	Used for uMobility. Equivalent to BE114054
BE107587	LKS-VM-LANGUAGE1-LIC	N/A		Included with SV9100
BE107588	LKS-VM-USER1-LIC	BE114083 BE114498 BE114499 BE114500 BE114501 BE114502	SV9100 INMAIL VM BOX-01 LIC SV9100 INMAIL VM BOX-50 LIC SV9100 INMAIL VM BOX-100 LIC SV9100 INMAIL VM BOX-200 LIC SV9100 INMAIL VM BOX-400 LIC SV9100 INMAIL VM BOX-896 LIC	Different licensing scheme for the SV9100
BE108415	LK-SYS-ENCRYPTION-LIC	BE114068	SV9100 ENCRYPTION LIC	
BE108834	LK-SYS-NAPT-LIC	N/A		Included with SV9100
BE108863	LKS-SP E Client- IP 1-LIC	BE114058	SV9100 SOFTPHONE-01 LIC	Different licensing scheme for the SV9100
BE108866	LKS-SP E Client- IP 16-LIC			
BE108867	LKS-SP E Client- IP 64-LIC			
BE110211	LK-SYS-PVA PMS EU-LIC	BE114099	SV9100 PVA-PMS EU LIC	
BE110213	LK-SYS-SIPT38-LIC	N/A		Included with SV9100
BE110214	LK-SYS-SIPVIDEO-LIC	N/A		Included with SV9100
BE110868	LK-SYS-XMLPro-LIC	BE114081	SV9100 XMLPRO LIC	
BE110869	LK-SYS-ACD-ADVANCE-LIC	BE114076	SV9100 ACD SKILL/CID BASE LIC	
BE107593	LKS-UMS-FAX-LIC	EU914319	AV91 UM8K FAX PORT-1 LIC	
BE107594	LKS-UMS-TTS-PORT-LIC	EU914317	AV91 UM8K SYS TTS PORT-1 LIC	
BE107595	LKS-UMS-CLIENT1-LIC	EU914311	AV91 UM8K UMS CLIENT-1 LIC	
BE107596	LKS-UMS-CLIENT4-LIC	-	No Equivalent	Use multiples of BE107595

SV8100 Part code	Description	Equivalent SV9100 Part code	Description	Comment
BE107597	LKS-UMS-CLIENT8-LIC	-	No Equivalent	Use multiples of BE107595
BE107598	LKS-UMS-CLIENT16-LIC	-	No Equivalent	Use multiples of BE107595
BE107599	LKS-UMS-CLIENT32-LIC	-	No Equivalent	Use multiples of BE107595
BE107600	LKS-UMS-LANGUAGE1-LIC	EU914316	AV91 UM8K LANGUAGE-1 LIC	
BE107601	LKS-UMS-HOTEL-PMS-LIC	EU914320	AV91 UM8K HOTEL & PMS LIC	
BE107602	LKS-UMS-HOTEL-LANGUAGE-LIC	EU914321	AV91 UM8K HOTEL LANGUAGE-1 LIC	
BE107604	LKS-UMS-TTS-LANGUAGE-LIC	EU914318	AV91 UM8K TTS LANGUAGE-1 LIC	
BE107915	LKS-UMS-PORT 2 LITE-LIC	EU914312	AV91 UM8K PORT -2 Lite Lic	
BE107916	LKS-UMS-PORT 4 LITE-LIC	EU914313	AV91 UM8K PORT-4 LIC	
BE107917	LKS-UMS-PORT 8 LITE-LIC	EU914314	AV91 UM8K PORT-8 LIC	
BE107918	LKS-UMS-PORT 16 LITE-LIC	EU914315	AV91 UM8K PORT-16 LIC	
BE107920	LKS-UMS-PORT 2 LITE UPG-LIC	EU914322	AV91 UM8K PORT 2 LITE UPG-LIC	
Following features were not licensed on the SV8100				
		BE114055	SV9100 MOBILE EXT-01 LIC	New license on SV9100
		BE114084	SV9100 INMAIL EMAIL CLT-01 LIC	New license on SV9100
		BE114073	SV9100 REMOTE CONF-01 LIC	New license on SV9100
Following features were available on the SV8100 and are no longer available on the SV9100				
BE108868	LK-DT Client IP 1-LIC			
BE108869	LK-DT Client IP 4-LIC			
BE108870	LK-DT Client IP 8-LIC			
BE108871	LK-DT Client IP 16-LIC			
BE108872	LK-DT Client IP 64-LIC			
BE108873	LK-DT SP E Client-IP 1 LIC			
BE108874	LK-DT SP E Client-IP 4 LIC			
BE108875	LK-DT SP E Client-IP 8 LIC			
BE108876	LK-DT SP E Client-IP 16 LIC			
BE108877	LK-DT SP E Client-IP 64 LIC			
BE108878	LK-SYS SHARED SVC-LIC			
BE111199	LK-DT CRM INTEGRATION-LIC			
BE111390	LK-SYS-MAINTENANCE-LIC			
BE112003	LK-SYS-DT-INMAIL INTG 128-LIC			
BE112732	LK-DT ENHANCEMENT 6-LIC			

1.10 IP DECT

IPDECT handsets configure an IP Extension license on the SV8100, these will be replicated to the equivalent SV9100 license when retrieved from LMS.
The licenses will be shown in the Total IP Extensions quantity.

Other IPDECT licenses are attached to the PARI via the DAP Manager which can be re-used on the SV9100.

1.11 Desktop Suite

The SV9100 does not support the full range of Desktop Suite licenses that were available on the SV8100.
The licenses are retrieved from LMS and re-purchased for the SV9100 within the replication process.

The following table shows the licenses that can be replicated to the SV9100.

Code	Description	Replication to an SV9100	
SV8100		Replace with SV9100 license	Description
BE108863	LKS-SP E Client- IP 1-LIC	BE114058	SV9100 SOFTPHONE-01 LIC
BE108866	LKS-SP E Client- IP 16-LIC	-	No equivalent, use 16 x BE114058
BE108867	LKS-SP E Client- IP 64-LIC	-	No equivalent, use 64 x BE114058
BE108868	LK-DT Client IP 1-LIC	-	Not available
BE108869	LK-DT Client IP 4-LIC	-	Not available
BE108870	LK-DT Client IP 8-LIC	-	Not available
BE108871	LK-DT Client IP 16-LIC	-	Not available
BE108872	LK-DT Client IP 64-LIC	-	Not available
BE108873	LK-DT SP E Client-IP 1 LIC	-	Not available
BE108874	LK-DT SP E Client-IP 4 LIC	-	Not available
BE108875	LK-DT SP E Client-IP 8 LIC	-	Not available
BE108876	LK-DT SP E Client-IP 16 LIC	-	Not available
BE108877	LK-DT SP E Client-IP 64 LIC	-	Not available
BE108878	LK-SYS SHARED SVC-LIC	-	Not available
BE111199	LK-DT CRM INTEGRATION-LIC	-	Not available
BE112003	LK-SYS-DT-INMAIL INTG 128-LIC	-	Not available
BE112732	LK-DT ENHANCEMENT 6-LIC	-	Not available

1.12 Voicemail UM8000

UM8000 licenses from the SV8100 cannot be migrated to the SV9100, new SV9100 licenses must be purchased.
The CD-VM00 card can be migrated to the SV9100 by adding the Hardware Migration License.
The AKS compact flash card can be re-used within the GCD-VM00 card on the SV9100.

SV8100		SV9100 Equivalent	
BE106421	CD-VM00	BE113046	GCD-VM00 *The CD-VM000 card can also be installed into the SV9100, the Hardware Migration license is required*
BE107683	AKS UM-2G EU	-	CF card can be re-used in the GCD-VM00
BE107684	AKS UM-8G EU	-	CF card can be re-used in the GCD-VM00
BE107915	LKS-UMS-PORT 2 LITE-LIC	EU914312	AV91 UM8K PORT -2 Lite Lic
BE107916	LKS-UMS-PORT 4 LITE-LIC	EU914313	AV91 UM8K PORT-4 LIC
BE107917	LKS-UMS-PORT 8 LITE-LIC	EU914314	AV91 UM8K PORT-8 LIC
BE107918	LKS-UMS-PORT 16 LITE-LIC	EU914315	AV91 UM8K PORT-16 LIC
BE107920	LKS-UMS-PORT 2 LITE UPG-LIC	EU914322	AV91 UM8K PORT 2 LITE UPG-LIC
BE107593	LKS-UMS-FAX-LIC	EU914319	AV91 UM8K FAX PORT-1 LIC
BE107595	LKS-UMS-CLIENT1-LIC	EU914311	AV91 UM8K UMS CLIENT-1 LIC
BE107596	LKS-UMS-CLIENT4-LIC	-	No Equivalent, use multiples of single client license
BE107597	LKS-UMS-CLIENT8-LIC	-	No Equivalent, use multiples of single client license
BE107598	LKS-UMS-CLIENT16-LIC	-	No Equivalent, use multiples of single client license
BE107599	LKS-UMS-CLIENT32-LIC	-	No Equivalent, use multiples of single client license
BE107600	LKS-UMS-LANGUAGE1-LIC	EU914316	AV91 UM8K LANGUAGE-1 LIC
BE107594	LKS-UMS-TTS-PORT-LIC	EU914317	AV91 UM8K SYS TTS PORT-1 LIC
BE107604	LKS-UMS-TTS-LANGUAGE-LIC	EU914318	AV91 UM8K TTS LANGUAGE-1 LIC
BE107601	LKS-UMS-HOTEL-PMS-LIC	EU914320	AV91 UM8K HOTEL & PMS LIC
9600 016 66100	UM8000- PMS cable 9 Pin RS232	9600 016 66100	UM8000- PMS cable 9 Pin RS232
BE107602	LKS-UMS-HOTEL-LANGUAGE-LIC	EU914321	AV91 UM8K HOTEL LANGUAGE-1 LIC

1.13 Hospitality

Hotel applications are not licensed in the LMS so are not included in the replication process.
Hospitality Applications will need to be migrated outside of Prophix.

Hotel functionality and PMS Interface licensing has changed from SV8100 to SV9100.
The SV8100 had a combined Hotel + PMS license BE107575
The SV9100 has separate licenses: Hotel functionality = BE114071 & PMS Interface support = BE114072
When replicating an SV8100 that has the Hotel/PMS license BE107575 added then Prophix adds BE114071 for Hotel working to the replicated SV9100 system
The PMS license BE114072 can be added via non-configured items if required.

The Replication Options TAB will allow the user to add the Hardware Migration license if the SV8100 CD-PVAA card or AKS-PCA CF card is migrated to the SV9100; the SV9100 PVA-PMS license will also be required

Note - If you wish to add the SV9100 GCD-PVAA card and AKS-PVA CF card then this can be done via Non Configured Items; the SV9100 PVA-PMS license will also be required.

2. APPENDIX

2.1 Obtaining Details of the SV8100 prior to Replication

You must have these details of the SV8100 system:
1. SV8100 Hardware Key Code
2. List of hardware installed in the SV8100 system
3. Details of any Netlink or Networking to other system
4. Quantity of InMail voicemail users
5. Quantity of Mobile Extension users
6. Applications in use, Hotel/PMS, MyCalls, BCT etc

### 2.1.1 SV8100 Hardware Key Code

The 12 digit number unique to each SV8100 CD-CP00 card.
This can be found in any of the following ways:

Printed on the label on the CD-CP00 card installed in the SV8100

KEY = SV8100 CD-CP00 Hardware Key Code

From any NEC display terminal at the customer premises
At any idle terminal press **Feature** then keypad digit **3**

HKEY = SV8100 CD-CP00 Hardware Key Code
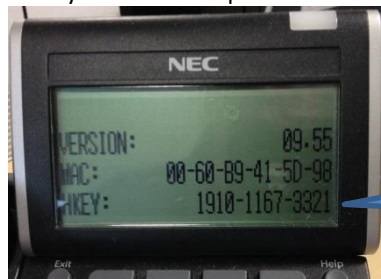
From LMS
Log into your LMS account via BusinessNet and select Tools->Customer Locations to view your systems.

From Prophix

Prophix also has an LMS search tool that will allow you to find the SV8100 Hardware Key Code.

Select the System details icon and search by the customer or location name

2.1.2 List of Hardware Installed in the SV8100 system

This can be found using an up to date PCPro file.

Use the Total values shown in the SV8100 PCPro summary screen and enter them into the corresponding entry within the Replication Options tab within Prophix.

Total Analogue Extension Interfaces = **SLT + VM**
Total Digital Extension Interfaces = **MLT + DSS + S-Point**
Total IP Extensions = **IP + IP***
Mobile Extension Ports = **Mobile ***

Total Analogue Trunk Interfaces = **CO + TLI**
Total Digital Trunk Interfaces = **BRI + PRI**
Total IP Trunk Interfaces = **IP + SIP + H323**

The following port types <u>do not need</u> to be included in the port calculations:
- InMail
- T-Point Loopback or S-Point Loopback

Extensions

Type	Ports	Extension Numbers	Total	
MLT	1~16, 49~56	200~215, 248~255	24	Total Digital Extension Interfaces
SLT	17~48, 57~58	216~247, 256~257	34	Total Analogue Extension Interfaces
IP			0	
IP*	59~70	258~269	12	
VM			0	Total Analogue Extension Interfaces
InMail	497~512	5196~5211	16	
VE	513~768		256	
DSS			0	Total Digital Extension Interfaces
S-Point			0	
S-Point Loopback			0	
Mobile*	100~104	299~2##, 300~303	5	Total Mobile Extensions
CNF			0	
IVR			0	
Tel*			0	
Not used	71~99, 105~496		421	

Prophix Replication Options tab

Extensions

Value	Description
34	Total Analogue Extension Interfaces
24	Total Digital Extension Interfaces
12	Total IP Extensions
5	Mobile Extension Ports

Trunks

Type	Ports	Total	
CO	1~8	8	Total Analogue Trunk Interfaces
BRI	39~50	12	
PRI	9~38	30	Total Digital Trunk Interfaces
T1		0	
CCH		0	
TLI		0	Total Analogue Trunk Interfaces
DID		0	
IP		0	
SIP	51~74	24	
H.323		0	
T-Point Loopback		0	
Trk*		0	
Not used	75~200	126	

Trunks

Value	Description
8	Total Analogue Trunk Interfaces
42	Total Digital Trunk Interfaces
24	Total IP Trunk Interfaces

Licenses

SV9100 Port Capacity Licenses
This is calculated by Prophix using the values you enter into the Extension and Trunk interface questions.

You can increase the quantity if required.

SV9100 InMail Users
This value is retrieved from LMS.
If the quantity is 49 or less than you cannot alter it, the value is greyed out.
If the quantity is 50 or more then you have the option to increase the value; this is because on the SV8100 a quantity of 50 users gave a site wide license for up to 512 users. For the replication process you must confirm the actual quantity required on the SV9100.
The maximum value is limited to 512 as this was the maximum quantity from the SV8100.

You cannot verify the quantity of InMail users by using the license report from the SV8100 as this may also show only 50 user licenses, when in reality there may be more in use.
The quantity of configured users should either be set to:
- The same quantity as the total of all extensions on the system

or
- The quantity of mailboxes assigned in PCPro Easy Edit-Voicemail-InMail-InMail Mailboxes-InMail Mailbox Options

Netlink or Networking to other systems
This is required as all systems within a Netlink network must be either SV8100 or SV9100, mixed systems are not supported.
Networking should be checked prior to replication as replacing one system within the network may affect the customers overall requirements and further considerations may need to be taken, for example: centralised voicemail, compatibility with networked systems etc.

Use the license report to verify if any Networking licenses are installed.

No.	Feature Code	Quantity	Status	Expires
0001	Max Port	0	Off	
0002	NetLink	2	On	Unlimited
0003	Networking	1	On	Unlimited
0007	Hotel/Motel (PMS)	0	Off	
0008	SMDR	4		
0009	Remote Upgrade	1	On	Unlimited
0014	256 Port	0	Off	

Netlink and Networking licenses

Applications in use
This is mainly a precaution to ensure that any applications are migrated correctly to the SV9100.
Use the license report to confirm which applications are licensed.
Licenses can also be verified via LMS.