



Central License Server CLS Guide for Network Licensing

May 2016

Introduction

With the new CLS released in 04/2016 the Machine concept has been introduced. A machine is the conceptual symbolization of an active system.

This new concept leads to new workflows for Network Licensing. Networks are defined using so called Machine Groups.

The following slides describes the new workflows for:

1. Create a network during Activation

- Create Network Master (starting on slide 3)
- Create additional network nodes (slide 14 etc.)

2. Add/Remove a machine to/from an existing network

- use license certificate (slide 29 etc.)
- use regenerate licenses (*)

3. Network – ID has changed: how can I get this to the complete network (*)

(*)These chapters are part of future releases of this document

Create a network during the activating process

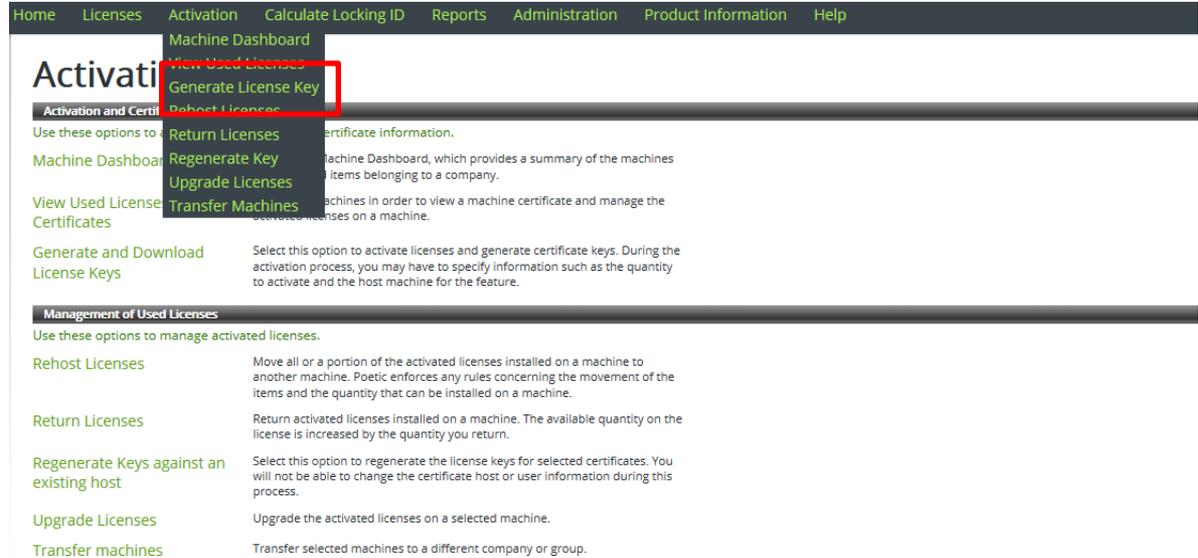
1. Create Network Master



Create Network Master

Step 1

Select „Generate License Key“
in the „Activation“ menu.



The screenshot shows a web application interface with a dark navigation bar at the top containing the following menu items: Home, Licenses, Activation, Calculate Locking ID, Reports, Administration, Product Information, and Help. Below the navigation bar, the 'Activation' menu is open, displaying a list of options: Machine Dashboard, View Used Licenses, Generate License Key (highlighted with a red box), Rehost Licenses, Return Licenses, Regenerate Key, Upgrade Licenses, and Transfer Machines. The main content area below the menu is titled 'Management of Used Licenses' and contains a list of options with their descriptions:

Management of Used Licenses	
Use these options to manage activated licenses.	
Rehost Licenses	Move all or a portion of the activated licenses installed on a machine to another machine. Poetic enforces any rules concerning the movement of the items and the quantity that can be installed on a machine.
Return Licenses	Return activated licenses installed on a machine. The available quantity on the license is increased by the quantity you return.
Regenerate Keys against an existing host	Select this option to regenerate the license keys for selected certificates. You will not be able to change the certificate host or user information during this process.
Upgrade Licenses	Upgrade the activated licenses on a selected machine.
Transfer machines	Transfer selected machines to a different company or group.

Create Network Master

Step 2

Use Search Criteria to find the licenses to activate – e.g. enter LAC

Home Licenses Activation Calculate Locking ID Reports Administration Product Information Help

Search Entitlements to Activate

[Return](#)

Use this page to search for and select entitlements to activate. After providing the search criteria, to display the list of matching entitlements, click Search Entitlements. In the results, check the check box next to each entitlement to activate, then click Activate. [Click here for additional Search Tips](#)

↓ If you can activate entitlements for more than one end customer, then you must at least provide a company name, LAC, or SIEL-ID as criteria for the activation search.

LAC: [×](#) [\[Clear LACs\]](#) [\[Add more LACs\]](#)

%End customer: [🔍](#)

%Channel partner: [🔍](#)

Product line: [▼](#)

SIEL-ID:

[Search Entitlements](#) [\[Advanced Search\]](#)

Create Network Master

Step 3

All licenses linked to the LAC will be displayed.

Select the features you want to activate.

Search Entitlements to Activate



Return

Use this page to search for and select entitlements to activate. After providing the search criteria, to display the list of matching entitlements, click Search Entitlements. In the results, check the check box next to each entitlement to activate, then click Activate. [Click here for additional Search Tips](#)

LAC: [\[Clear LACs\]](#) [\[Add more LACs\]](#)

%End customer:

%Channel partner:

Product line:

SIEL-ID:

[Search Entitlements](#) [\[Advanced Search\]](#)

Showing: 1-14 of 14 [Activate](#) [Select All](#) [Clear All](#)

LAC:	Entitlement	Avail Qty	Total Qty	SIEL-ID
16DZ7827938BC7B67A0C2845 OpenScape Business V1 Hild	<input type="checkbox"/> OpenScape Business V1 Base Feature #:F31505-K158-C24;Version:V1;All;License;Duration:90 Day <i>(s);Status:Available</i> ;Product Line:OpenScape Business V1;Family:OpenScape Business V1 Base	1	1	SID:1429388537904
	<input checked="" type="checkbox"/> OpenScape Business V1 IP User Feature #:F31505-K158-C1;Version:V1;All;License;Duration:90 Day <i>(s);Status:Available</i> ;Product Line:OpenScape Business V1;Family:OpenScape Business V1 IP User	17	17	

Create Network Master

Step 4

After selecting the entitlements to activate, the next step is to select the activation machine.

Select target machine or create a new machine
In our example we will add a new machine

Search Machines ?

Use this form to select the machine to use for the activation. You may also be able to add a new machine. The machine must belong to the registered company. You can search for machines using the machine name, a locking ID on the machine, or a SIEL-ID. To display additional criteria, click Advanced Search. [Click here for additional Search Tips](#)

% indicates wildcard search

%Machine name:

Locking ID:

SIEL-ID:

Showing: 1-6 of 6

Select	Machine Name	Locking IDs
Select	 Test 2 [View summary] [Edit]	
Select	 Test03 [View summary] [Edit]	

Create Network Master

Step 5

In our example a new machine called „Test Machine Master“ is added

Add Machine ? ✕

Provide the name of the new machine, then click Save. If you can have the system generate a name for you, then a Suggest Machine Name link displays next to the field.

*Machine name:

Machine Group Identifier:

Machine Group Owner: ✕

Create Network Master

Step 6

Activate Entitlements



The company and user listed below are the registered company and user for this transaction.

Company data	User data
Hild - 0000-10080776	Test Nicole
Steph	Steph
Wien, W 1010	Wien, W 1010
Austria	Austria
[Edit]	nicole.hild@unify.com
	[Edit] [Change]



In the next step the registered company and user data are shown.

You can edit the data with select the “Edit” button below the data.

If the data are set correctly click the “Next” button.

Create Network Master

Step 7

Enter details to generate the license key.

- Locking ID of the target hardware.
- For creating a network you have also to enter the Locking ID of the Network CLA.

In case of the Master system these two entries are equal

- Select the Quantity of licenses.
- And Click "Next" button to proceed

Activate Entitlements



Search Register **Activate** Confirm Complete

Cancel < Back Next >

Please provide any required information. When you are finished, click Next.
CAUTION: For virtual systems the Advanced Locking ID has to be used. For hardware based systems the MAC address is of relevance.
To calculate the Advanced Locking ID click the "Calculate Locking ID" link on Top Menu.

Machine Name:

Locking ID:

Locking ID of Network CLA:

Configuration File Content:

Quantity to Use	Available Quantity	Existing Quantity	New System	Entitlement
<input type="text" value="1"/>	1		0	OpenScope Business V1 Base Feature #:F31505-K158-C24;Version:V1;All;All;License;Duration:90 Day(s);Status:Available;Product Line:OpenScope Business V1;Family:OpenScope Business V1 Base
<input type="text" value="5"/>	17		0	OpenScope Business V1 IP User Feature #:F31505-K158-C1;Version:V1;All;All;License;Duration:30 Day(s);Status:Available;Product Line:OpenScope Business V1;Family:OpenScope Business V1 IP User
<input type="text" value="1"/>	1		0	OpenScope Business V1 Networking Feature #:F31505-K158-C38;Version:V1;All;All;License;Duration:30 Day(s);Status:Available;Product Line:OpenScope Business V1;Family:OpenScope Business V1 Networking
<input type="text" value="1"/>	1		0	OpenScope Business V1 OpenDirectory Base Feature #:F31505-K158-C36;Version:V1;All;All;License;Duration:40 Day(s);Status:Available;Product Line:OpenScope Business V1;Family:OpenScope Business V1 OpenDirectory Base
<input type="text" value="1"/>	14		0	OpenScope Business V1 S2M/SIP/T1 Trunks Feature #:F31505-K158-C3;Version:V1;All;All;License;Duration:30 Day(s);Status:Available;Product Line:OpenScope Business V1;Family:OpenScope Business V1 S2M/SIP/T1 Trunks

Cancel < Back **Next >**

Create Network Master

Step 8

Confirm and complete the activation.

Activate Entitlements



Search Register Activate **Confirm** Complete

Cancel < Back Finish

Legal Notice
Before you can complete this process, you must agree to the following notice.
As your company's registered user, you warrant that: UPON CHECKING THIS CHECKBOX YOU AGREE TO THE FOLLOWING TERMS. I am in full compliance with your License Agreement and all the restrictions therein. My company understands this restriction and agrees to safeguard its provisions.
 I agree with the above terms.

Confirmation Information
From the Result output dropdown, select whether to email the affected certificates, and, if you are emailing certificates, the format to use. To send certificates to specific email addresses, enter the addresses in the Email to field. Use commas to separate multiple addresses.
Result output:

Notes for this transaction
You can add notes concerning this transaction.

Notes Internal Notes

Here is a summary of this activation transaction.
5 entitlement(s) will be activated on machine Test Machine Master 1 as a result of this transaction

Cancel < Back Finish

Create Network Master

Step 9

On the activation complete screen the Machine Group Information is displayed

Activate Entitlements



[Return to search](#) [Asset Dashboard](#) [Machine Dashboard](#)

Search

Register

Activate

Confirm

Complete

The activation process is completed. From this page, you can view or email the certificate, or select a link from the page toolbar.

[Print Certificate](#) [View certificate](#)

Machine Name Activation Information

Test Machine Master 1
[\[View summary\]](#)

Activation date: Apr 29, 2016

No certificates were sent.

Here is the machine group information

Group ID: 12793447-7b868a2c-ea91-4428-9e9a-cb74f527fb4-NETWORK

Group Type: Network Server

	Machine Name	Locking IDs	SIEL-ID	Machine Group Identifier	Machine Group Owner
View	Test Machine Master 1	00-11-22-33-44-55	SID:1429388537904	NETWORK_MASTER	00-11-22-33-44-55

Create Network Master

Viewing Machine Group Information on the license certificate

The license certificate of the machine includes a tab “Machine Group”

View Certificate (Test Machine Master 1)

Return to previous page Print Upgrade Options ▾

Overview Ownership Keys **Machine Group** Transactions

This machine is a part of a machine group. The group information is listed below with a list of all machines in the group.

Group ID: 12793447-7b668a2c-ea91-4428-9e9a-cb7f4f527fb4-NETWORK

Group Type: Network Server

[\[Add Machine\]](#)

		Machine Name	Locking IDs	SIEL-ID	Machine Group Identifier	Machine Group Owner
View	Remove	 Test Machine Master 1	00-11-22-33-44-55	SID:1429388537904	NETWORK_MASTER	00-11-22-33-44-55

Create a network during the activating process

2. Create Network Node



Create Network Node

Step 1-4

Step 1-4 of creating a Network Slave are identically to creating a master

The picture on the right shows Step 4: Select the activation machine.

In our example we select the Machine “Test machine Node 1” which should be combined to a Network with Machine “Test Machine Master 1”

Search Machines ?

Use this form to select the machine to use for the activation. You may also be able to add a new machine. The machine must belong to the registered company. You can search for machines using the machine name, a locking ID on the machine, or a SIEL-ID. To display additional criteria, click Advanced Search. [Click here for additional Search Tips](#)

% indicates wildcard search

%Machine name:

Locking ID:

SIEL-ID:

[\[Advanced Search\]](#) [\[Add a Machine\]](#)

Showing: 1-7 of 7

Select	Machine Name	Locking IDs
Select	 Test Machine Master 1 [View summary] [Edit]	00-11-22-33-44-55
Select	 Test machine Node 01 [View summary] [Edit]	

Create Network Node

Step 5-6

After confirming the company/ user date (Step 6) you are transferred to the activate screen.

Enter again the Locking ID of the target hardware. In the fields “Locking ID of the Network CLA” you have to type the Locking ID of the Master.

Proceed like in chapter 1: Select the Quantity of licenses. And Click “Next” button to proceed

Activate Entitlements

Search Register **Activate** Confirm Complete

Cancel < Back Next >

Please provide any required information. When you are finished, click Next.
CAUTION: For virtual systems the Advanced Locking ID has to be used. For hardware based systems the MAC address is of relevance.
To calculate the Advanced Locking ID click the "Calculate Locking ID" link on Top Menu.

Machine Name: Machine Information

Test machine Node 0 Locking ID:

Locking ID of Network CLA:

Configuration File Content: Durchsuchen... Load

Activate all Clear all

Quantity to Use	Available Quantity	Existing Quantity	New System	Entitlement
<input type="text" value="1"/>	1		0	OpenScape Business V1 Base Feature #:F31505-K158-C24;Version:V1;All;All;License;Duration:31 Day(s);Status:Available;Product Line:OpenScape Business V1;Family:OpenScape Business V1 Base
<input type="text" value="2"/>	12		0	OpenScape Business V1 IP User Feature #:F31505-K158-C1;Version:V1;All;All;License;Duration:30 Day(s);Status:Available;Product Line:OpenScape Business V1;Family:OpenScape Business V1 IP User
<input type="text" value="1"/>	1		0	OpenScape Business V1 Networking Feature #:F31505-K158-C38;Version:V1;All;All;License;Duration:89 Day(s);Status:Available;Product Line:OpenScape Business V1;Family:OpenScape Business V1 Networking
<input type="text" value="1"/>	1		0	OpenScape Business V1 OpenDirectory Base Feature #:F31505-K158-C36;Version:V1;All;All;License;Duration:30 Day(s);Status:Available;Product Line:OpenScape Business V1;Family:OpenScape Business V1 OpenDirectory Base
<input type="text" value="1"/>	13		0	OpenScape Business V1 S2M/SIP/T1 Trunks Feature #:F31505-K158-C3;Version:V1;All;All;License;Duration:30 Day(s);Status:Available;Product Line:OpenScape Business V1;Family:OpenScape Business V1 S2M/SIP/T1 Trunks

Activate all Clear all

Cancel < Back Next >

Create Network Node

Step 7-8

After confirming you will be transferred to the activation complete screen

All the machined belonging to the Machine Groups are shown. In our example these are the Master Machine defined in chapter 1 and the “Testmachine node 1”

In the field “Machine Group identifier” of the “ Testmachine node 01” you can see that this is a “ Network Node”

Activate Entitlements



[Return to search](#) [Asset Dashboard](#) [Machine Dashboard](#)

Search

Register

Activate

Confirm

Complete

The activation process is completed. From this page, you can view or email the certificate, or select a link from the page toolbar.

[Print Certificate](#) [View certificate](#)

Machine Name	Activation Information
Test machine Node 01 [View summary]	Activation date: Apr 29, 2016 No certificates were sent.

Machine Group Information
Here is the machine group information
Group ID: 12793447-7b868a2c-ea91-4428-9e9a-cb7f4f527fb4-NETWORK
Group Type: Network Server

	Machine Name	Locking IDs	SIEL-ID	Machine Group Identifier	Machine Group Owner
View	Test Machine Master 1	00-11-22-33-44-55	SID:1429388537904	NETWORK_MASTER	00-11-22-33-44-55
View	Test machine Node 01	55-44-33-22-11-00	SID:1426781395969	NETWORK_NODE	00-11-22-33-44-55

Create Network Node

Viewing Machine Group Information on the license certificate

Again all machine group information is displayed on the license certificate in tab "Machine Group"

Home Licenses Activation Calculate Locking ID Reports Administration Product Information Help

View Certificate (Test machine Node 01)

Return to previous page Print Upgrade Options ▾

Overview Ownership Keys Machine Group Transactions

This machine is a part of a machine group. The group information is listed below with a list of all machines in the group.
Group ID: 12793447-7b868a2c-ea91-4428-9e9a-cb7f4f527fb4-NETWORK
Group Type: Network Server
[\[Add Machine\]](#)

		Machine Name	Locking IDs	SIEL-ID	Machine Group Identifier	Machine Group Owner
View	Remove	 Test Machine Master 1	00-11-22-33-44-55	SID:1429388537904	NETWORK_MASTER	00-11-22-33-44-55
View	Remove	 Test machine Node 01	55-44-33-22-11-00	SID:1426781395969	NETWORK_NODE	00-11-22-33-44-55

Add /Remove System from an existing network

There are two possibilities to Add/Remove machines to/from a Network. On the one hand you can use the “Add Machine”/ “Remove” mechanism in the License Certificate on the other hand you can change the license with the Regenerate License file



Possibility 1

1. Add machine in License Certificate



Add a Machine

Step 1 (License Certificate)

Select „View License Assets“ in the „Licenses“ menu.

The screenshot displays a web application interface. At the top, a dark navigation bar contains the following menu items: Home, Licenses, Activation, Calculate Locking ID, Reports, Administration, Product Information, and Help. A dropdown menu is open under the 'Licenses' item, with a red box highlighting the 'View License Assets' option. Below the navigation bar, the main content area features the heading 'Activate Your Software HERE:' followed by three numbered steps: 1. Enter your LAC (highlighted in green), 2. Enter your machine information, and 3. Get your key. At the bottom, there is a form with a label 'LAC:', an input field, and a green 'Activate' button.

Add a Machine

Step 2 (License Certificate)

Enter search criteria – in our case License ID of the Network Master

List Licenses



[Return](#)

To display a list of licenses, provide search criteria, then click Search Licenses. To display additional search criteria, click Advanced Search. [Click here for additional Search Tips](#)

%indicates wildcard search

License ID:

13210844

Status:

%Company name:

%LAC:

Product:

Feature:

(Cannot display the

entire list. To filter the list, type the value.)

License type:

SIEL-ID:

Expire date:

(ex. May 2, 2016)

[Search](#)

[\[Advanced Search\]](#)

Showing: 1-1 of 1

[View Asset Dashboard](#)

[Download results \(Up to 250 rows\)](#)

Options	License ID	License Info	Product	Feature #	Feature Type	Total Quantity	Available Quantity	Partner Company	Sold-to Company	End Use Category
View Options	13210844	OpenScape Business V1 Base Feature #:F31505-K158-C24;All;License:Status:Used;Product Line:OpenScape Business V1	OpenScape Business V1	F31505-K158-C24	New License	1	0	Unify Product Management	Unify Product Management	Hild

Showing: 1-1 of 1

[View Asset Dashboard](#)

[Download results \(Up to 250 rows\)](#)

Add a Machine

Step 3 (License Certificate)

Click the drop down menu "Options" and select "View certificate"

List Licenses



[Return](#)

To display a list of licenses, provide search criteria, then click Search Licenses. To display additional search criteria, click Advanced Search. [Click here for additional Search Tips](#)

%Indicates wildcard search

License ID:

Status:

%Company name:

%LAC:

Product:

Feature:

entire list. To filter the list, type the value.)

License type:

SIEL-ID:

Expire date: to:

(ex. May 2, 2016)

[Search](#) [\[Advanced Search\]](#)

Showing: 1-1 of 1 [View Asset Dashboard](#) [Download results \(Up to 250 rows\)](#)

Options	License ID	License Info	Product	Feature #	Feature Type	Total Quantity	Available Quantity	Partner Company	Sold-to Company	End Us Comp
<div style="border: 2px solid red; padding: 2px;">View Options Split Disable Edit View Certificate</div>	13210844	OpenScape Business V1 Base Feature #F31505-K158- C24;All;License;Status:Used;Product Line:OpenScape Business V1	OpenScape Business V1	F31505 -K158- C24	New License	1	0	Unify Product Management	Unify Product Management	Hild

Showing: 1-1 of 1 [View Asset Dashboard](#) [Download results \(Up to 250 rows\)](#)

Add a Machine

Step 4 (License Certificate)

Select "Add Machine" in the "Machine Group" Tab

View Certificate

(Test04)

[Return to previous page](#) [Print](#) [Upgrade](#) [Options](#) ▾

[Overview](#) [Ownership](#) [Machine Group](#) [Transactions](#)

This machine is a part of a machine group. The group information is listed below with a list of all machines in the group.

Group ID: 12793448-45ce399c-5bae-4ed7-9bbc-53f2a3cdb746-NETWORK

Group Type: Network Server

[\[Add Machine\]](#)

		Machine Name	Locking IDs	SIEL-ID	Machine Group Identifier	Machine Group Owner
View	Remove	 Test04	00-33-44-55-66-77	SID:1328590272858	NETWORK_MASTER	00-33-44-55-66-77

Add a Machine

Step 5 (License Certificate)

You will be transferred to the “Search Machines” Page.

Enter the “Machine Name” of the machine you want to add to the Network and click “Select”

Search Machines

Use this form to select the machine to use for the activation. You may also be able to add a new machine. The machine must belong to the registered company. You can search for machines using the machine name, a locking ID on the machine, or a SIEL-ID. To display additional criteria, click Advanced Search. [Click here for additional Search Tips](#)

%indicates wildcard search

%Machine name:

Locking ID:

SIEL-ID:

[\[Advanced Search\]](#)

Showing: 1-1 of 1

Select	Machine Name	Locking IDs
<input type="button" value="Select"/>	 Test05 [View summary] [Edit]	33-44-55-66-77-88

Showing: 1-1 of 1

Add a Machine

Step 6 (License Certificate)

Confirm and complete the activation. If needed notes can be added

Add Machine to Machine Group

Machine Group Confirmation Complete

Cancel Finish

Notes Internal Notes

type here your notes

Upon clicking the Finish button, the machine will be added into the group.
Machine to be added: Test05
Group ID: 12793448-45ce399c-5bae-4ed7-9b0c-53f2a3cdb746-NETWORK
Group Type: Network Server

Cancel Finish

Add a Machine

Step 7(License Certificate)

After confirming you will be transferred to the activation complete screen.

All machine group information is displayed .
You can see that Machine “Test05” is now shown as “Network Node”

Regenerate Keys (Add Machine to Group) (Test05)

[Return to search](#) [Asset Dashboard](#) [Machine Dashboard](#)

Search Details Confirm **Complete**

The key regeneration process is completed. From this page, you can view or email the affected certificate, or select a link from the page toolbar.

[Print Certificate](#) [View certificate](#)

Machine Name	Regeneration Information
Test05 [View summary]	Regeneration date: May 2, 2016 No certificates were sent.

Machine Group Information
Here is the machine group information
Group ID: 12793448-45ce399c-5bae-4ed7-9bbc-53f2a3c3b746-NETWORK
Group Type: Network Server

	Machine Name	Locking IDs	SIEL-ID	Machine Group Identifier	Machine Group Owner
View	Test04	00-33-44-55-66-77	SID:1328590272858	NETWORK_MASTER	00-33-44-55-66-77
View	Test05	33-44-55-66-77-88	SID:1328982332452	NETWORK_NODE	00-33-44-55-66-77

Add /Remove System from an existing network – Possibility 1: Add/Remove in License Certificate

2. Remove machine in License Certificate



Possibility 1

2. Remove machine in License Certificate



Remove a Machine

Step 1-4 (License Certificate)

Steps 1-3 of “Remove a Machine” are identically to Step 1-3 “ Add a machine “

Step 4
Select the “Remove” button of the machine you want to remove

View Certificate (Test05)

Return to previous page | Print | Upgrade | Options ▾

Overview | Ownership | Keys | Machine Group | Transactions

This machine is a part of a machine group. The group information is listed below with a list of all machines in the group.
Group ID: 12793448-45ce399c-5bae-4ed7-9bbc-53f2a3cdb746-NETWORK
Group Type: Network Server
[\[Add Machine\]](#)

		Machine Name	Locking IDs	SIEL-ID	Machine Group Identifier	Machine Group Owner
View	Remove	 Test04	00-33-44-55-66-77	SID:1328590272858	NETWORK_MASTER	00-33-44-55-66-77
View	Remove	 Test05	33-44-55-66-77-88	SID:1328982332452	NETWORK_NODE	00-33-44-55-66-77

Remove a Machine

Step 5-6 (License Certificate)

After the confirmation(Step5) you will be transferred to the regeneration complete screen.

Machine "Test05" is removed from Group.

The Only machine in the Group is the Network Master "Test04"

Regenerate Keys (Remove Machine from Group) (Test05)



Return to search | Asset Dashboard | Machine Dashboard

Search | Details | Confirm | **Complete**

The key regeneration process is completed. From this page, you can view or email the affected certificate, or select a link from the page toolbar.

Print Certificate | View certificate

Machine Name	Regeneration Information
Test05 [View summary]	Regeneration date: May 2, 2016 No certificates were sent.

Machine Group Information

Here is the machine group information

Group ID: 12793448-45ce399c-5bae-4ed7-9bbc-53f2a3cdb746-NETWORK

Group Type: Network Server

	Machine Name	Locking IDs	SIEL-ID	Machine Group Identifier	Machine Group Owner
View	Test04	00-33-44-55-66-77	SID:1328590272858	NETWORK_MASTER	00-33-44-55-66-77

Possibility 2

1. *Add/Remove machine use “regenerate licenses”*
part of future releases of this document





Network – ID has changed: how can I get this to the complete network

part of future releases of this document

