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### Delivery plan

When buying products in the control series, a delivery plan as below, will help you achieve a successful installation. An important part in the installation is that both the customer and dealers are aware of their own responsibilities and that will be clarified with this delivery plan.



#### 1. Order confirmation.

An order confirmation with delivery date will be sent from LSC Security Supplies to the dealer.

#### 2. IT-preparations and installation of Keywin synchronization Service

Keywin 6 synchronisation software including installation guide and system requirements will be sent to the customer. The customer and their own IT department is responsible that the software will be installed on their network.

#### 3. Electrical installation.

Network & Power (230V) must be drawn up to where the product is to be placed. Network ports and IP address(es) shall be configured in the network for the product.

#### 4. Cabinet installation.

Cabinet shall be installed by the dealer at the designated location. Installation requires that points 1-3 are completed.

#### 5. Training.

Training is planned jointly with LSC Security Supplies and the dealer. Training requires that previous commitments are implemented.

CUSTOMER RESPONSIBILITY

DEALER RESPONSIBILITY

# Installation guide Keywin 6

## SYSTEM REQUIREMENTS

The Keywin 6 synchronization engine benefits of being installed on a high performance computer/server.

Note that you need to be an admin in order to install the synchronization engine.

This is our recommended system requirements:

- Operating system: minimum Windows 10, 64 bit
- RAM: minimum 8 RAM
- Cache: minimum 6 MB
- Example of processor: Intel Core i5 6<sup>th</sup> generation 6500T/2.5 Gzh (quadruple core) or processors of similar performance
- Hard drive: 1 x SSD 256 GB
- SQL Server 2012, 2014, 2016 and up

Please also note that the Keywin 6 web portal is created to be run on web browser Google Chrome for maximum performance.

## FACTS & SPECIFICATIONS - KEYHOSTING

The database is backed up every 4 hours. All disaster recovery data is saved for 90 days.

Microsoft's System Center Endpoint Protection anti-virus software is installed on the server. It is also placed in its own DMZ behind the Windows Firewall.

Rapid response to outages. The server is located in Saab's new data center with external generators as backup power, UPS, dual power supplies and redundant cooling.

Under the terms of the contract, the server should be back in operation after a crash within 6 hours, but it might only take 1 to 2 hours.

The server complies with the security requirements of the Group, which correspond to the ISO 27001 Information Security Management standard. The processes of our IT Service Management System comply with the international ISO 20000-1 standard.

Saab works according to general safety and security requirements set by the Group's security division. This means it complies with DIR-C-060, which is Saab's interpretation of the ISO 27001 standard.

Saab AB is ISO 9001 and ISO 14001 certified.

The Keywin 6 portal is encrypted by Symantec Secure Site Pro with EV SSL

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### NETWORK OVERVIEW:

The cloud server uses port 25442 and port 433, the ports needs to be open both inbound and outbound.

The Keywin 6 Portal source IP is 136.63.223.108

The Keywin6 cabinet synchronizer uses port 5432 (PostgreSQL), port 39164 and port 49160. The ports need to be open both inbound and outbound.

### It is always the synchronizer service that initiates all traffic.

It is always the synchronizer that sends a request to the cloud server SQL and to the cabinet database to see if any new events have occurred and then sends the information back and forth between the cloud server and the cabinets.

### INSTALLATION OF THE KEYWIN6 CABINET SYNCHRONIZER SERVICE

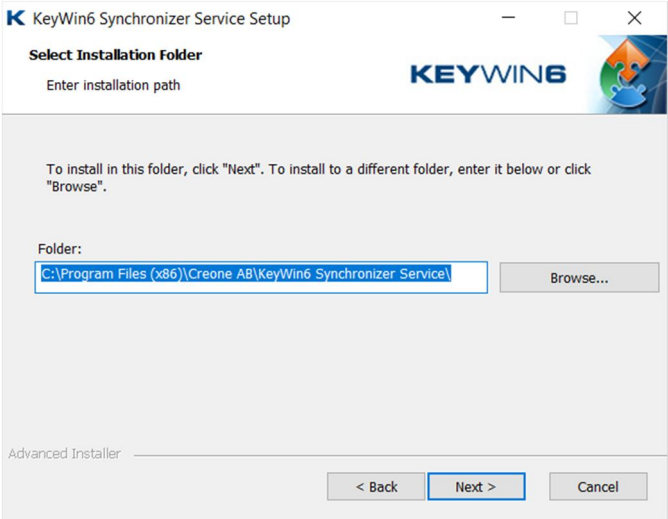
As seen on the network overview a synchronizer service needs to be installed somewhere in the network where the cabinet is setup. The service's job is to make sure all events that take place in the cabinet is fed to the portal.

When going through the installation, you are prompted to apply User ID, password and database name, all of which should have been provided by your dealer or Creone. If you have not received the info, please contact your dealer or Creone.

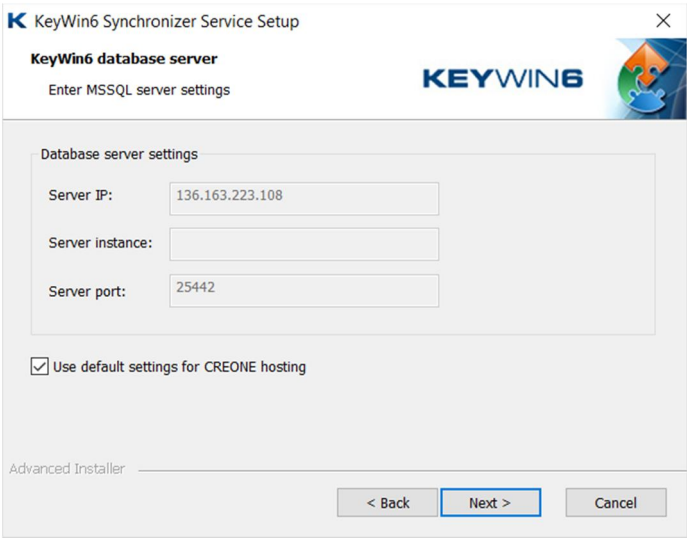
Run the "KeyWin6\_SynchronizerService\_Installer" installation file provided by LSC Security supplies or by your dealer.



Choose the folder path where you want to install the service:



The Server IP and Ports are pre-defined, do not make any adjustments, and just press “next”



## Installation guide Keywin 6

Please fill in the User id and password provided by Creone or your dealer. If you did not get any specific password just use the pre-filled password.

The screenshot shows the 'KeyWin6 Synchronizer Service Setup' dialog box. The title bar reads 'KeyWin6 Synchronizer Service Setup'. Below the title bar, it says 'KeyWin6 database server' and 'Enter MSSQL user settings'. The 'KEYWIN6' logo is visible in the top right corner. The main area is titled 'Database user credentials' and contains two input fields: 'User Id:' with the value 'applCreone' and 'Password:' with a masked password of 15 dots. Below these fields is a checked checkbox labeled 'Use default settings for CREONE hosting'. At the bottom left, it says 'Advanced Installer'. At the bottom right, there are three buttons: '< Back', 'Next >', and 'Cancel'.

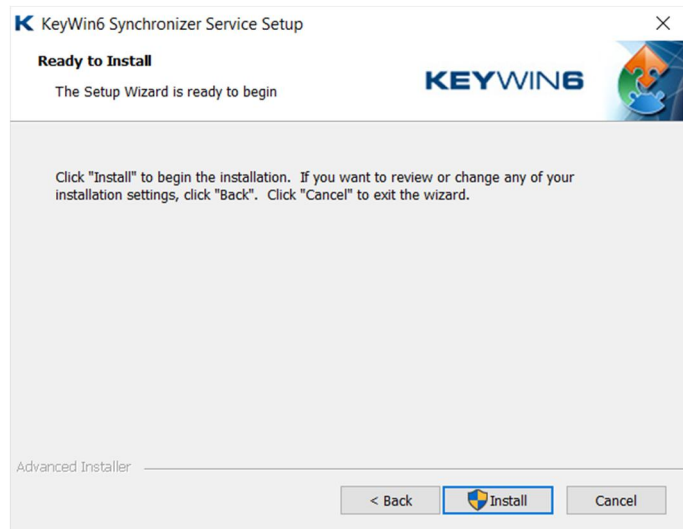
The installation will ask for your database name, this will have been provided to you by LSC Security Supplies or by your dealer. If you do not have the database name, you should exit the installation and start over once you have retrieved the data.

The screenshot shows the 'KeyWin6 Synchronizer Service Setup' dialog box. The title bar reads 'KeyWin6 Synchronizer Service Setup'. Below the title bar, it says 'KeyWin6 database server' and 'Enter database name'. The 'KEYWIN6' logo is visible in the top right corner. The main area is titled 'Customer database' and contains one input field: 'DB Name:'. Below this field is another section titled 'Sync Engine Parameters' with one input field: 'Max. number of threads:' with the value '15'. At the bottom left, it says 'Advanced Installer'. At the bottom right, there are three buttons: '< Back', 'Next >', and 'Cancel'.

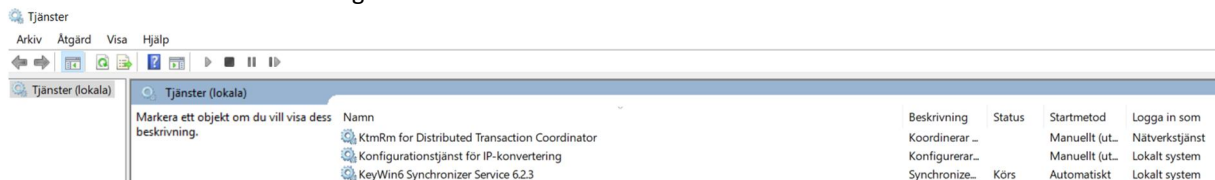
Complete the setup



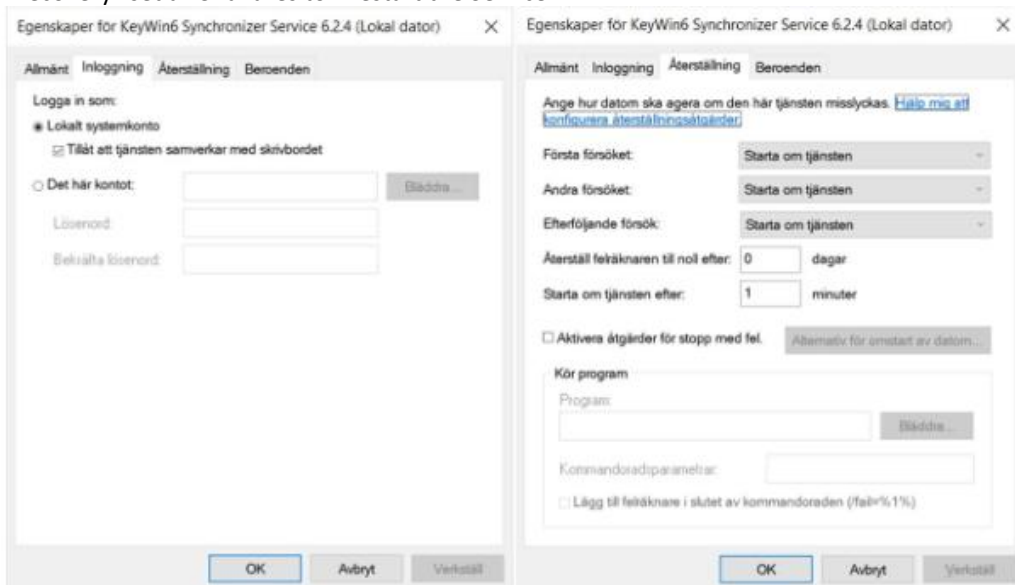
## Installation guide Keywin 6



If you go to “Services” on your computer you will now see the service Keywin6 Synchronizer Service version number and it should be running



Right click the service and go to Properties  
Under “Log On” allow the service to interact with desktop. Under  
“Recovery” set all 3 failures to “Restart the Service”



## Installation guide Keywin 6

### CONNECTING CABINET

Make sure that the installation of KeyWin6 Synchronizer has been completed according to instructions on page 7-9 otherwise you will not get contact with the Cabinet in the Keywin 6 portal.

### CABINET SETTINGS

1. Go to your Cabinet, enter 1234# on the Cabinet keypad, you will now enter the configuration menu. Move through the configuration menu using the arrows on the keypad, use # to open each menu and confirm each setting.
2. Go to "DHCP" Set DHCP to ON or OFF (if not using MAC addresses the DHCP should be set to OFF)
3. Go to respectively "SET IP", "NETMASK" and "GATEWAY" and enter the values according to your IT-departments recommendation.
4. Go to "Reboot", restart the Cabinet to confirm your configuration setup

Once the cabinet is rebooted move to the Keywin 6 portal.

Go to <https://www.keywin6.com/Portal/Login> to log on to you portal

Site name and admin password will be provided to you by LSC Security Supplies or by your dealer.

If you are missing your site name and admin password please call Electronic Security Technical support on 1300 64 62 69 and ask for your site name and admin password for Keywin6.

**KEYWIN6**

### KeyWin Login

Please enter your site name and KeyWin administrator password that you use to sign in to your KeyWin account.

Site name

Admin password

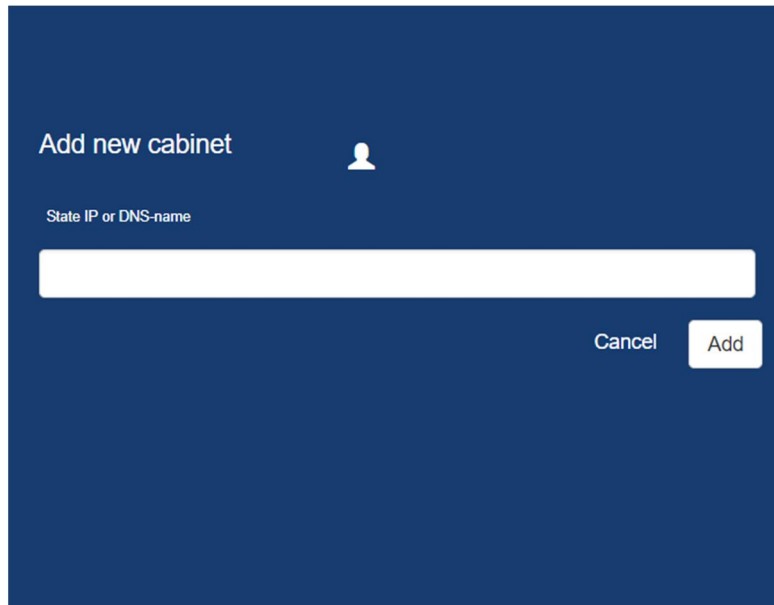
Remember me [Forgot password?](#)

Cancel Login

## Installation guide Keywin 6

Once logged in:

Go to SETTINGS -> CABINET OVERVIEW-> and press the + in the bottom of the page “Add new cabinet” will appear. Enter the IP address you previously have used to configure your Cabinet and press save.

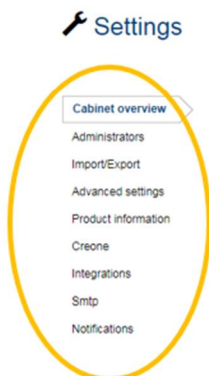


Add new cabinet

State IP or DNS-name

Cancel Add

The cabinet will now appear as “Uninitialized”. When the KeyWin6 Synchronizer has found the cabinet in the network, the cabinet will automatically change to “Initialized”. When this is done, the cabinet has been registered correctly and you have confirmation of a working environment.



Name	Location	IP-Address
Uninitialized		192.168.1.21
Initialized	Default	192.168.185.108

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Once you choose to EDIT the “Initialized” cabinet, you should now configure the following:

### BASIC

**NAME :** The name you will see on the cabinet display

**IP or Hostname:** The IP you have set

**Location:** E.g. Office, reception

**Language:** The language the cabinet shall use

**Admin pin code:** Default, 301042#. Will give full access in the cabinet and is the PIN code that shall be used when registering new keys.

**Card reader:** The card reader the cabinet is using

**Service PIN:** Default 1234#. Will give you access to the configuration menu.

The screenshot shows the 'Edit cabinet' configuration page. At the top right, there are two tabs: 'Basic' and 'Advanced'. The 'Basic' tab is highlighted with a yellow circle. Below the tabs, there is a 'Name' field containing 'Initialized'. Underneath, it says 'Name that will be visible in the administration view'. There are two numeric input fields: 'Amount of doors' set to 1 and 'Amount of lists' set to 1. The 'IP or hostname' field contains '192.168.185.108'. The 'Location' field contains 'Default'. There are two dropdown menus: 'Language' set to 'English' and 'Cardreader' set to 'Creone RS485'. There are two password fields: 'Admin pin code' with '\*\*\*\*\*' and 'Service pin code' with '\*\*\*\*'. At the bottom right, there are 'Cancel' and 'Save' buttons.