

---

**Saia PCD Supervisor Software Release Bulletin 4.11.0.142.1.3**

---



  
Saia PCD®

**Contacts**

**Offering Management:**

Dirk Speckhardt [dirk.speckhardt@honeywell.com](mailto:dirk.speckhardt@honeywell.com)

**Technical Support:**

SBC Deutschland [support.de@saia-pcd.com](mailto:support.de@saia-pcd.com)

SBC Österreich [support.at@saia-pcd.com](mailto:support.at@saia-pcd.com)

SBC Schweiz [support.ch@saia-pcd.com](mailto:support.ch@saia-pcd.com)

**DATE: March 1<sup>st</sup>, 2022**

---

# CONTENTS

---

<b>SUMMARY .....</b>	<b>4</b>
BACnet certification.....	4
<b>NEW FEATURES / UPDATES .....</b>	<b>5</b>
Versions comparison.....	5
HTTP Client.....	6
WebWireshet.....	7
Archive History Provider.....	7
Archive Alarm Provider.....	8
WebChart Enhancements .....	9
Update 3rd party signing .....	9
OPC-UA Encrypted & Signed Communication.....	10
BACnet Secure Connect .....	11
<b>PART NUMBERS .....</b>	<b>12</b>
Saia PCD Supervisor part numbers with S-Bus basic licenses .....	12
Saia PCD Supervisor basic license .....	12
Saia PCD Supervisor upgrade licenses .....	13
<b>SAIA PCD SUPERVISOR MAINTENANCE LICENSES .....</b>	<b>14</b>
Saia PCD Supervisor maintenance upgrade for basic licenses .....	14
<b>SAIA PCD SUPERVISOR ADDITIONAL DRIVER.....</b>	<b>15</b>
Saia PCD Supervisor database drivers for external database applications.....	15
Saia PCD Supervisor Fidelio Driver .....	15
Saia PCD Supervisor JSON Driver .....	15
Saia PCD Supervisor HTTP Client Driver .....	15
Saia PCD Supervisor Alarm Console .....	15
Saia PCD Supervisor Video Driver.....	16
Saia PCD Supervisor LDAP .....	16
Saia PCD Supervisor ANALYTICS.....	16
Saia PCD Supervisor Energy Monitoring .....	16
Saia PCD Supervisor E-Signature.....	17
Saia PCD Supervisor Cloud .....	17
Saia PCD Supervisor Easy Healthy Building Dashboard .....	17
<b>SAIA PCD SUPERVISOR ENGINEERING LICENSES .....</b>	<b>17</b>
<b>SAIA PCD SUPERVISOR SUPPORTING MATERIAL .....</b>	<b>19</b>
Software downloads .....	19
Trainings and training material .....	19
How to order the licences? .....	19
EIBnetIp modules.....	20
<b>PLATFORM REQUIREMENTS .....</b>	<b>21</b>
<b>SUPPORTED WEB BROWSERS .....</b>	<b>22</b>

<b>SYSTEM COMPATIBILITY .....</b>	<b>23</b>
<b>ISSUES AND SOLUTIONS .....</b>	<b>24</b>
Resolved issues for this Release .....	24
Resolved issue with Patch1 .....	24
Known issues .....	25
MAXPRO Video Integration .....	25
Device Template login issue .....	25
Won't fix issues .....	27

---

## SUMMARY

---

This bulletin is to announce the latest release of the Saia PCD Supervisor based on Niagara 4 technology.

If you install the version 4.11.0.142.1.3 you will benefit from:

- Fixed critical issues as listed in section “Resolved Issues for this Release”
- New features introduction to increase engineering efficiency
- Introduction of BACnet /SC

---

## BACnet certification

---

In the category of BACnet certifications, this release is related to Niagara Framework version - 4.3 (4.3.58.22.11) - that is certified as B-OWS / B-AWS. [See the listing here.](#)

## NEW FEATURES / UPDATES

### Versions comparison

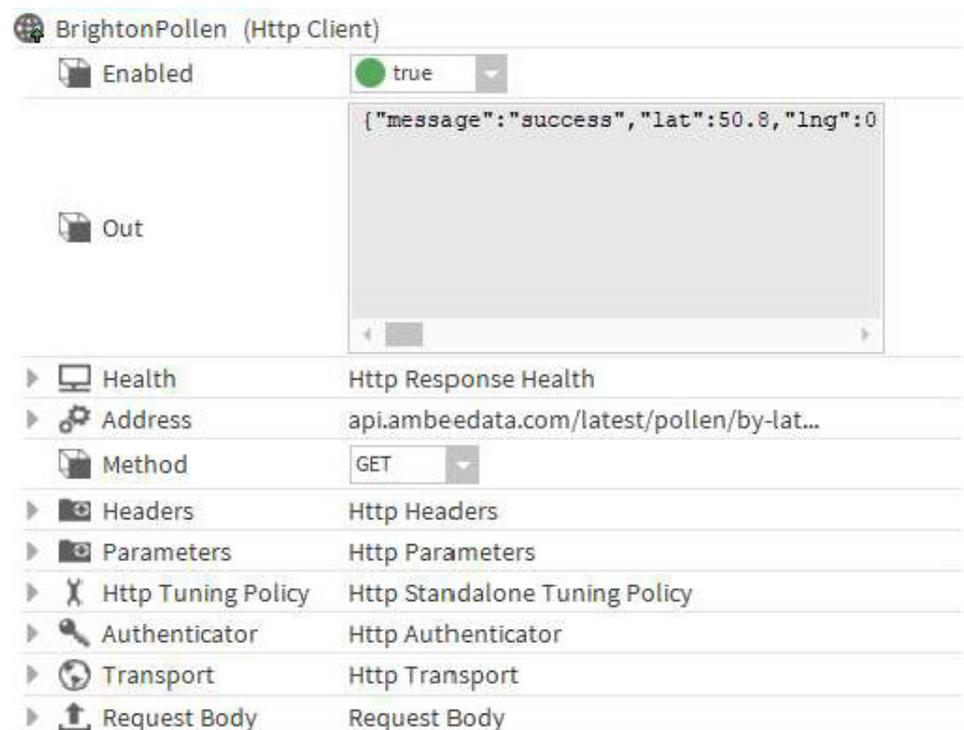
Between Saia PCD Supervisor 4.10 / 4.11 and basic Niagara 4.11

Features by Tridium / by SBC	Tridium Niagara 4.11	Saia PCD Sup 4.10	Saia PCD Sup 4.11
Niagara 4.11	✓	X <sup>1</sup>	✓
Cloud Connector	✓	✓	✓
Security Dashboard	✓	✓	✓
E-Signature	✓	✓ <sup>!</sup>	✓ <sup>!</sup>
JSON Toolkit	✓	✓	✓
Video Integration	✓	✓	✓
+ Milestone Camera Driver	✓	✓	✓
+ AXIS Video Integration	✓	✓	✓
+ MaxPro Video Integration	✓	✓ <sup>!</sup>	✓ <sup>!</sup>
Video Surveillance Viewer	✓	✓	✓
Graphics with Tag Based Visualization	✓	✓	✓
Single Sign On with native IdP	✓	✓	✓
Visualization performance (UxMedia)	✓	✓	✓
MQTT driver	✓	✓	✓
HTTP client	✓	X	✓
BACnet Secure Connect (TLS 1.3)	✓	X	✓
WebWiresheet	✓	X	✓
Archive History Provider	✓	X	✓
Archive Alarm Provider	✓	X	✓
Point List View	X	✓	✓
SBC Station template	X	✓	✓
Saia PG5 Data Import Wizard	X	✓	✓
BACnet Utilities (Enhanced functions)	X	✓	✓
Energy Monitoring (V3.4.2)	X	✓	✓*
Easy Templating	X	✓	✓
+ S-Bus / BACnet templates	X	✓	✓*
Easy Database Manager	X	✓	✓
Easy Binding	X	✓	✓
+ SBC Easy Widget graphics	X	✓	✓
Easy Alarm Management	X	✓	✓
Easy Healthy Building Dashboard	X	✓	✓
Printout tool	X	✓	✓

X<sup>1</sup>: Niagara 4.10; \*: Enhanced; !: Restrictions

## HTTP Client

The HTTP Client module allows the station to interact with HTTP web services and API's. This allows data to be exchanged both in and out of a station.



### Terminology:

- **Web Services** are online services which allow 2 systems to exchange data, often in JSON or XML format, using HTTP as the protocol. HTTP is also the protocol by which web pages are retrieved in web browsers.
- **APIs** are the interface contract between the client and server of the web services, defining which operations are available, the data format for exchange, and the parameters which can be used.
- **RESTful** web services/APIs obey a common set of rules and constraints to conform with modern architecture of scalability.
- **HTTP Client** module allows users to make requests to web services including RESTful API endpoints.

### Licensing:

- Production use requires license and active SMA
- httpClient does consume global points count
- Free to evaluate with demo licenses

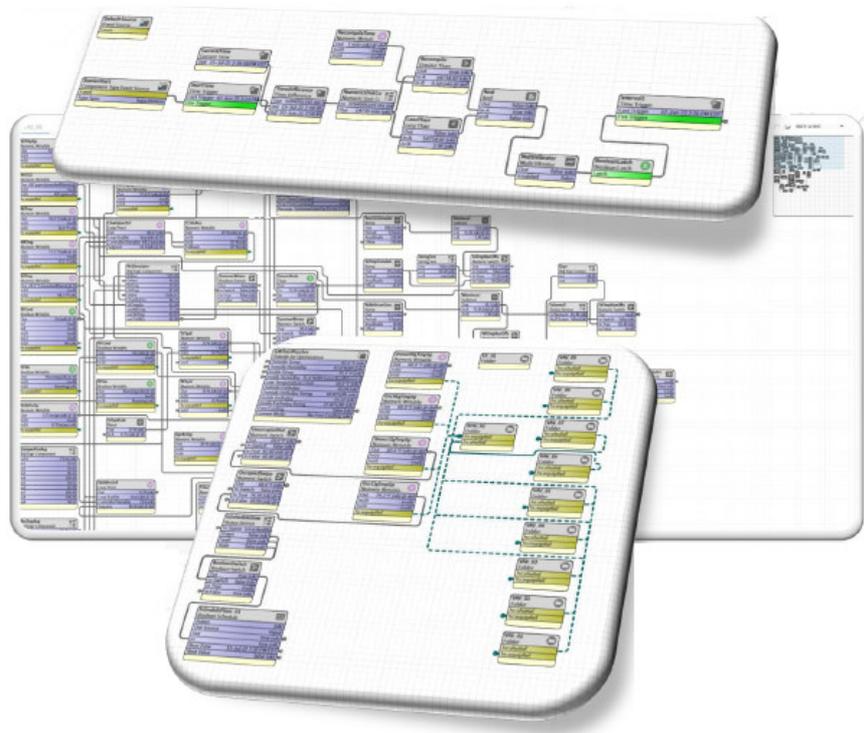
---

## WebWiresheet

---

WebWiresheet is a native HTML5 configuration tool which extends the power of the Workbench Wiresheet Application into a Browser Environment

- Reduces truck rolls
- Improved user experience
- Enhances your workflow efficiency
- Provides Added Flexibility –Create and configure using a mobile device



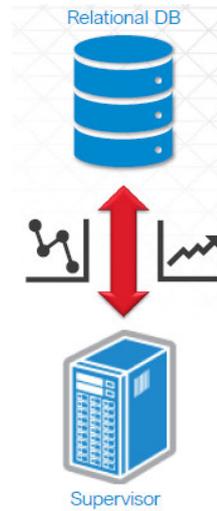
---

## Archive History Provider

---

The Archive History Provider streamlines access to years of historical data stored in a relational database (RDB) for rapid visualization and analysis.

- Removes the need to Import Histories to the Supervisor for Visualization
- Instantly query years of archived data and baseline against new locally stored data
- Enables well-informed analyses of equipment operation
- Improves facility systems operational efficiency



Supported using SQL, MySQL and Oracle DBs  
 “Dedicated DB connectors must be downloaded from supplier page and installed into jre/lib/ext folder”

---

## Archive Alarm Provider

---

The Archive Alarm Provider enhances the stability of the building systems. Cleared alarms using the Alarm Orion Service will persist in a station during a loss of connectivity with RDB. Upon reconnection, the Alarm Archive Provider will update the database tables with the application records.

- Enables more well-informed analyses of equipment operation
- Improves facility systems operational efficiency
- Provides a compliance mechanism for CFR 21 part 11
- Quickly query closed exported alarm records



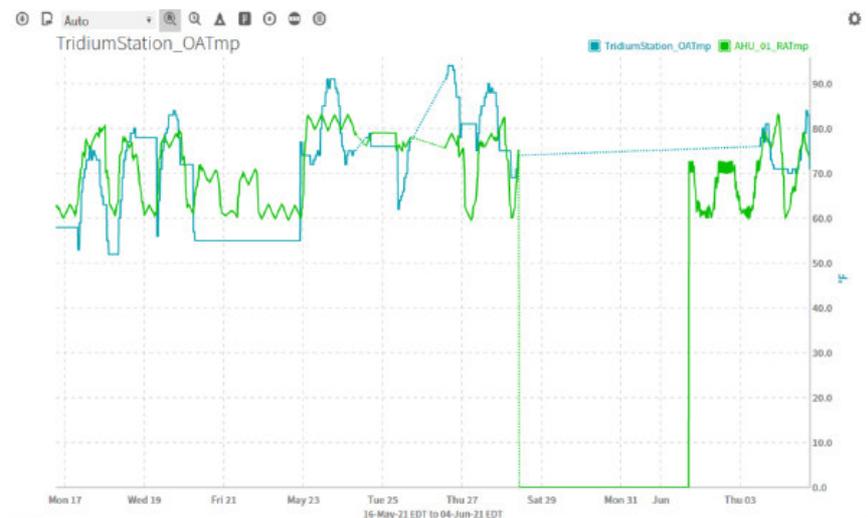
---

## WebChart Enhancements

---

WebChart enhancements:

- Provides Interpolation of Missing or Invalid Data
- Choose from a variety of visualization options
- Improved UX and workflow efficiency for end users




---

## Update 3rd party signing

---

This feature will be introduced through a series of Niagara releases. First introduction was in 4.8.

Signing rules can be switched between Low, Medium and High

**Low:**

Modules that are unsigned, untrusted or have expired certificates will cause warnings but still function. Error if signed module modified after it was signed. Can be increased to Medium or High.

**Medium (Default setting for 4.11):**

All modules must be signed by valid, trusted certificate (may be self-signed). Can be decreased to Low or increased to High.

**High:**

All modules must be signed with CA Certificate. Can be decreased to Medium

Commissioning for "172.31.66.50 (jace)"

### Software Installation

Please check each additional item you wish to have installed to the remote host. Any software known to be required for stations to run is already checked.

Current free space 3,288,233 KB To be installed 0 KB Estimated free space after install 3,288,233 KB

Software	Installed Version	Avail. Version	
<input type="checkbox"/> invalidSig-rt	-	Acme 1.0	Not Installed
<input type="checkbox"/> caSigned-rt	Acme 1.0	Acme 1.0	Up to Date
<input type="checkbox"/> selfSigned-rt	Acme 1.0	Acme 1.0	Up to Date
<input type="checkbox"/> selfSignedTimestamped-rt	Acme 1.0	Acme 1.0	Up to Date
<input type="checkbox"/> unsigned-rt	Acme 1.0	Acme 1.0	Up to Date
<input type="checkbox"/> caSignedTimestamped-rt	Acme 1.0	Acme 1.0	Up to Date
<input type="checkbox"/> aaphp-rt	-	Tridium 4.8.0.16	Not Installed
<input type="checkbox"/> aaphp-wb	-	Tridium 4.8.0.16	Not Installed

**Software Details**

**Module selfSignedTimestamped-rt**

Description: A self signed, timestamped module

Version	Installed	Available
Acme 1.0	Acme 1.0	Acme 1.0

Release Date: -

Status: Signature Warning

Processed for Jace: Not Processed

**Installable File Details**

Path: C:\Niagara\Niagara-4.8.0.16\sw\1.0\selfSignedTimestamped-rt.jar

Size: 5.9 KB

**Installed Signature Details**

Status: Self-signed signing certificate  
Certificate path validation failure

**Signers**

[self\\_signed](#)

- This signer is using a self-signed certificate. Self-signed certificates will not be allowed by default in a future version.
- This signer's certificate path could not be validated. Modules must be signed with a valid trusted certificate in a future version.

**Available Signature Details**

Status: Self-signed signing certificate  
Certificate path validation failure

**Signers**

[self\\_signed](#)

- This signer is using a self-signed certificate. Self-signed certificates will not be allowed by default in a future version.
- This signer's certificate path could not be validated. Modules must be signed with a valid trusted certificate in a future version.

OK

For further details how to use self-signing mechanism please refer section "Sign a Third Party Module" in Easy Binding documentation:  
 C:\SBC\SaiaPCDSupervisor-4.10.0.154\docs\docEasyBinding

**Note:**

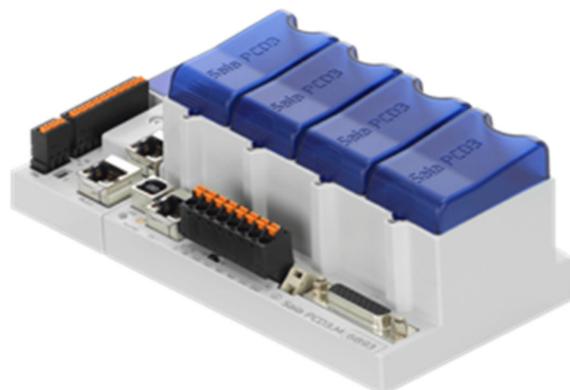
We recommend already to rework all custom-made modules respectively to check with third-party suppliers for the corresponding signed modules, as unsigned modules can no longer be used in further NX Releases.

---

## OPC-UA Encrypted & Signed Communication

---

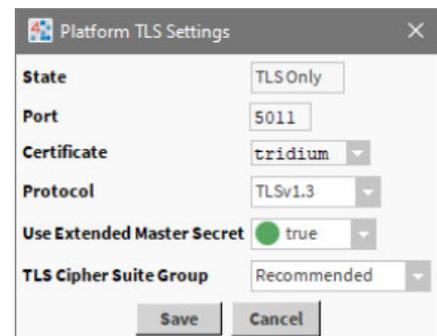
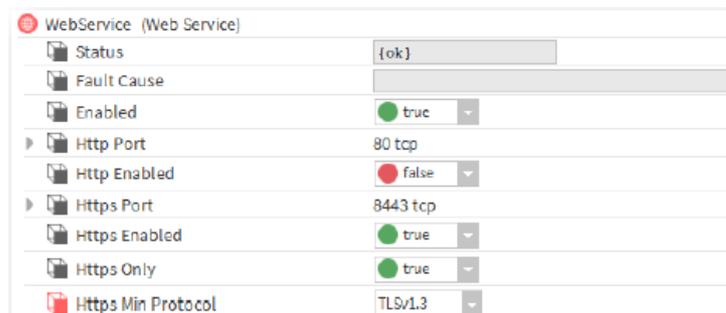
Signed & Encrypted Communication with the OPC-UA Driver (V 4.9.0.198) as Client and the PCD3.M6893 (Qronox-IEC-Controller) as OPC UA Server is established



## BACnet Secure Connect

BACnet Secure Connect (BACnet/SC) is a new BACnet datalink that eliminates the need for static IP addresses and network broadcasts, while simplifying the configuration of its networks' parameters.

- Provides enhanced security for BMS network and associated devices
  - Features encrypted communications
  - Full compatibility with all existing BACnet systems and devices through normal BACnet routing
- Alleviates IT concerns related to BMS network management
  - BACnet/SC provides a sophisticated network security solution that uses standards widely accepted by the IT community
  - BACnet/SC works easily with firewall devices that are common in IT infrastructure
    - Based on TLS 1.3
    - Standard HTTPS ports and WebSocket protocols
    - No UDP
    - Fixed IP Addresses are no longer required
- TLS 1.3 is the latest standard for secure communications over IP
  - Enhances Station Performance
  - Critical Enabler for BACnet/SC
  - Features stronger security profile than TLS 1.2



---

## PART NUMBERS

---

### Saia PCD Supervisor part numbers with S-Bus basic licenses

---

The Saia PCD Supervisor S-Bus point licenses support import and connection to PCD Controller. All basic licenses can be extended by additional S-Bus or OPEN points to establish communication to other controller / via other protocols.

All the basic licenses contain an initial maintenance license of 18 month.

In order to purchase End-User licenses partner must also purchase an engineering license or already own a Tridium account for Saia PCD Supervisor (valid engineering licenses).

Part Number	License Key	Description
PCD8.SUP-500	PCD8.SUP-500	Supervisor 500 points
PCD8.SUP-2500	PCD8.SUP-2500	Supervisor 2500 points
PCD8.SUP-10000	PCD8.SUP-10000	Supervisor 10000 points
PCD8.SUP-25000	PCD8.SUP-25000	Supervisor 25000 points
PCD8.SUP-50000	PCD8.SUP-50000	Supervisor 50000 points
PCD8.SUP-100000	PCD8.SUP-100000	Supervisor 100000 points

---

### Saia PCD Supervisor basic license

---

The Saia PCD Supervisor Basic license does not include data points but can be extended by additional S-Bus or OPEN points to establish communication to PCD Controller or other controller / via S-Bus or other protocols.

Part Number	License Key	Description
PCD8.SUP-BASIC	PCD8.SUP-BASIC	Supervisor no points

---

## Saia PCD Supervisor upgrade licenses

---

The basic licenses can be upgraded by any of the following point or node upgrades. The basic licenses have no node connection activated.

The upgrades do not influence the maintenance extension licenses which always depend on the basic license.

Add S-Bus points (Communication via S-Bus driver)

Part Number	License key	Description
PCD8.SUP-100EXT	SUP-S100P	Add driver capacity 100 S-Bus points
PCD8.SUP-2500EXT	SUP-S2500P	Add driver capacity 2500 S-Bus points
PCD8.SUP-5000EXT	SUP-S5000P	Add driver capacity 5000 S-Bus points
PCD8.SUP-15000EXT	SUP-S15000P	Add driver capacity 15000 S-Bus points
PCD8.SUP-50000EXT	SUP-S50000P	Add driver capacity 50000 S-Bus points

Add OPEN points (Communication via BACnet IP, LON, KNX-IP, M-bus, Modbus TCP, oBiX, SNMP, etc but not S-Bus)

Part Number	License key	Description
PCD8.SUP-500OPEN	SUP-DEVICE-10	Add driver capacity 500 OPEN points
PCD8.SUP-2500OPEN	SUP-DEVICE-50	Add driver capacity 2500 OPEN points
PCD8.SUP-5000OPEN	SUP-DEVICE-100	Add driver capacity 5000 OPEN points
PCD8.SUP-10000OPEN	SUP-DEVICE-200	Add driver capacity 10000 OPEN points
PCD8.SUP-25000OPEN	SUP-DEVICE-500	Add driver capacity 25000 OPEN points
PCD8.SUP-50000OPEN	SUP-DEVICE-1000	Add driver capacity 50000 OPEN points

Add Node connections (Communication from Supervisor to another Supervisor)

Part Number	License key	Description
PCD8.SUP-1N-UP	SUP-UP-1	Upgrade Supervisor connectivity by 1
PCD8.SUP-10N-UP	10x SUP-UP-1	Upgrade Supervisor connectivity by 10

---

## SAIA PCD SUPERVISOR MAINTENANCE LICENSES

---

To benefit from further maintenance and upgrade features after the initial maintenance license of the basic point/node license is expired, you can purchase one of the following maintenance extensions shown in the next tables.

If you do not purchase a maintenance extension, the supervisor will continue to run but you will not be able to update your software with maintenance releases.

This means that the maintenance extensions are cumulative and always start at the point in time, where the previous maintenance extension ends. If you purchase further maintenance extensions after you have a gap in your maintenance period, the maintenance extension will fill these gaps.

Example:

Your initial maintenance is expired for 3 years. Now you buy a maintenance extension of 5 years. Your 3 years gap is filled and you benefit another 2 years of maintenance updates. If you immediately add another maintenance extension of 1 year, you will benefit of another 3 years of maintenance updates (If you buy a 5 year and shortly after 1-year SMA [Software Maintenance Agreement], you have 3 years in total, because you had a gap of 3 years before:  $5+1=6$ ;  $6-3$  (gap) = 3).

---

### Saia PCD Supervisor maintenance upgrade for basic licenses

---

To benefit from further maintenance and upgrade features after the initial maintenance license (18 months) of the basic license is expired, you can purchase one of the following maintenance extensions. The maintenance licenses are always linked to the initially purchased basic version.

Part Number	License key	Description
PCD8.SUP-MNT1	SUP-0-SMA-1YR	Maintenance upgrade, additional 1 year
PCD8.SUP-MNT3	SUP-0-SMA-3YR	Maintenance upgrade, additional 3 year
PCD8.SUP-MNT5	SUP-0-SMA-5YR	Maintenance upgrade, additional 5 year

---

## SAIA PCD SUPERVISOR ADDITIONAL DRIVER

---

The basic licenses can be upgraded by any of the following additional driver to extend the communication and feature of Saia PCD Supervisor.

---

### Saia PCD Supervisor database drivers for external database applications

---

Part Number	License key	Description
PCD8.SUP-DB-MYSQL	DR-S-DB-MYSQL	Driver for MYSQL database
PCD8.SUP-DB-ORCL	DR-S-DB-ORCL	Driver for ORCL 11G database
PCD8.SUP-DB--SQL	DR-S-DB-SQL	Driver for SQL database
PCD8.SUP-DB--CSV	DR-S-DB-CSV	Driver for CSV database

---

### Saia PCD Supervisor Fidelio Driver

---

Part Number	License Key	Description
PCD8.SUP-FID	DR-MFID	Fidelio driver for Saia PCD Supervisor

---

### Saia PCD Supervisor JSON Driver

---

Part Number	License Key	Description
PCD8.SUP-JSON	DR-S-JSON	JSON driver for Saia PCD Supervisor

---

### Saia PCD Supervisor HTTP Client Driver

---

Part Number	License Key	Description
PCD8.SUP-HTTP	DR-S-HTTP	HTTP client driver for Saia PCD Supervisor

---

### Saia PCD Supervisor Alarm Console

---

Part Number	License Key	Description
PCD8.SUP-ALM-PTL	PCD8.SUP-ALM-PTL	Saia PCD Supervisor alarm portal

---

## Saia PCD Supervisor Video Driver

---

Part Number	License Key	Description
PCD8.SUP-MLS-16	DR-S-MLS-16	Milestone 16 camera devices
PCD8.SUP-MLS-64	DR-S-MLS-64	Milestone 64 camera devices
PCD8.SUP-MAXP-16	DR-S-MAXP-16	MaxPro 16 camera devices
PCD8.SUP-MAXP-64	DR-S-MAXP-64	MaxPro 64 camera devices
PCD8.SUP-MAXP-128	DR-S-MAXP-128	MaxPro 128 camera devices
PCD8.SUP-AXIS-16	DR-S-AXIS-16	Axis 16 camera devices
PCD8.SUP-AXIS-64	DR-S-AXIS-64	Axis 64 camera devices

---

## Saia PCD Supervisor LDAP

---

Part Number	License Key	Description
PCD8.SUP-LDAP	DR-S-LDAP	LDAP DB Int, Supervisor Card holder DB

---

## Saia PCD Supervisor ANALYTICS

---

Part Number	License key	Description
PCD8.SUP-NA-250	NA-S-N4-250	250 analytics points
PCD8.SUP-NA-1000	NA-S-N4-1000	1000 analytics points
PCD8.SUP-NA-10000	NA-S-N4-10000	10000 analytics points

---

## Saia PCD Supervisor Energy Monitoring

---

Part Number	License key	Description
PCD8.SUP-EM25	PCD8.SUP-EM25	Base license with max. 25 meter points
PCD8.SUP-EM50EXT	PCD8.SUP-EM50EXT	Additional 50 meter points
PCD8.SUP-EM100EXT	PCD8.SUP-EM100EXT	Additional 100 meter points
PCD8.SUP-EM500EXT	PCD8.SUP-EM500EXT	Additional 500 meter points
PCD8.SUP-EM1KEXT	PCD8.SUP-EM1KEXT	Additional 1000 meter points

---

## Saia PCD Supervisor E-Signature

---

Part Number	License Key	Description
PCD8.SUP-ESIG-1000	ESIGN-S-N4-1000	E-Signature 1000 sec. points - FDA 21 CFR part 11
PCD8.SUP-ESIG-UP1K	ESIGN-S-N4-UP-1000	E-Signature add 1000 sec. points - FDA 21 CFR part 11
PCD8.SUP-ESIG-UNL	ESIGN-S-N4-UNL	E-Signature unlimited sec. points - FDA 21 CFR part 11

Note: E-Signature is working with all standard Niagara points using only Proxy Extension. If additional connection will be used as for example the virtuals E-Signature will not support.  
 -> No support for BACnet utilities (Native BACnet is supported)

---

## Saia PCD Supervisor Cloud

---

Part Number	License Key	Description
PCD8.SUP-CLO-500	DR-NCLOUD-SEN500	Niagara cloud sentience 500 points
PCD8.SUP-CLO-2500	DR-NCLOUD-SEN2500	Niagara cloud sentience 2500 points
PCD8.SUP-CLO-10000	DR-NCLOUD-SEN10000	Niagara cloud sentience 10000 points

---

## Saia PCD Supervisor Easy Healthy Building Dashboard

---

Part Number	License Key	Description
PCD8.SUP-HBDS1	HBDS1	2 zones 1 year
PCD8.SUP-HBDM1	HBDM1	5 zones 1 year
PCD8.SUP-HBDE1	HBDE1	Unlimited zones 1 year
PCD8.SUP-HBDS3	HBDS3	2 zones 3 years
PCD8.SUP-HBDM3	HBDM3	5 zones 3 years
PCD8.SUP-HBDE3	HBDE3	Unlimited zones 3 years

---

## SAIA PCD SUPERVISOR ENGINEERING LICENSES

---

PCD8.SUP-NAA-ENG is the license to enable the Saia PCD Supervisor engineering software. The engineering license is required once per "workstation" (engineer's PC).  
 Prerequisite for a running engineering license is that each company has bought the system integrator license (PCD8.SUP-NAA-REN / PCD8.SUP-NAA-MON) and renews this license every year before November 30.

All the present engineering licenses will be renewed by ordering the yearly license fee PCD8.SUP-NAA-REN.

This means: Every company needs:

- 1x PCD8.SUP-NAA-REN (per company and year)
- 1x PCD8.SUP-NAA-ENG for every new engineer's workplace PC (one-time payment; renewals covered by PCD8.SUP-NAA-REN)

Part number	License Key	Description
PCD8.SUP-NAA-STK5	SUP-RENCON + 5 x SUP-DEMO	Starter kit with 5 engineering licenses
PCD8.SUP-NAA-STK1	SUP-RENCON + 1 x SUP-DEMO	Starter kit with 1 engineering license
PCD8.SUP-NAA-REN*	SUP-RENCON	Engineering tool annual license fee; If customers with existing Niagara Central accounts order this part, all their existing engineering licenses will be renewed, but they will not get additional ones. For additional licenses they will have to order SUP-DEMO
PCD8.SUP-NAA-MON*	SUP-MONTHCON	Engineering tool monthly license fee. <b>Attention:</b> you must purchase SUP-DEMO for every engineering PC. This part can be ordered only for new Niagara Central accounts. Users which already have an account but have not renewed it cannot purchase the monthly license
PCD8.SUP-NAA-ENG	SUP-DEMO	Engineering license

\* for first order you must order PCD8.SUP-NAA-ENG in addition

#### Order examples:

Example a) 2 Engineering Licenses for 3 months:

2x PCD8.SUP-NAA-ENG + 3x PCD8.SUP-NAA-MON

Example b) 2 Engineering Licenses for 12 months:

1x PCD8.SUP-NAA-STK1 + 1x PCD8.SUP-NAA-ENG

Example c) 6 Engineering Licenses for 12 months:

1x PCD8.SUP-NAA-STK5 + 1x PCD8.SUP-NAA-ENG

The annual agreement allows partners also to get the additional support from SBC (training and technical) to ensure they can operate with the Saia PCD Supervisor.

At the renewal time (30<sup>th</sup> November each year), all existing engineering licenses will be checked for validity and revoked as applicable.

Transferring licenses from one PC to another without providing the original serial code / Host-ID will require the purchase of a new license.  
Licenses will be linked to named individuals

---

## SAIA PCD SUPERVISOR SUPPORTING MATERIAL

---

### Software downloads

---

Software files can be found on the SBC support page in section Saia PCD Supervisor <https://sbc-support.com/en/product-index/saia-pcd-supervisor/>

---

### Trainings and training material

---

Saia PCD Supervisor and/or new enhancements are presented continually at different roadshows, workshops, webinars, etc.

Please note that this software package nevertheless requires comprehensive training. Training options offered by SBC on homepage [www.saia-pcd.com](http://www.saia-pcd.com).

---

### How to order the licences?

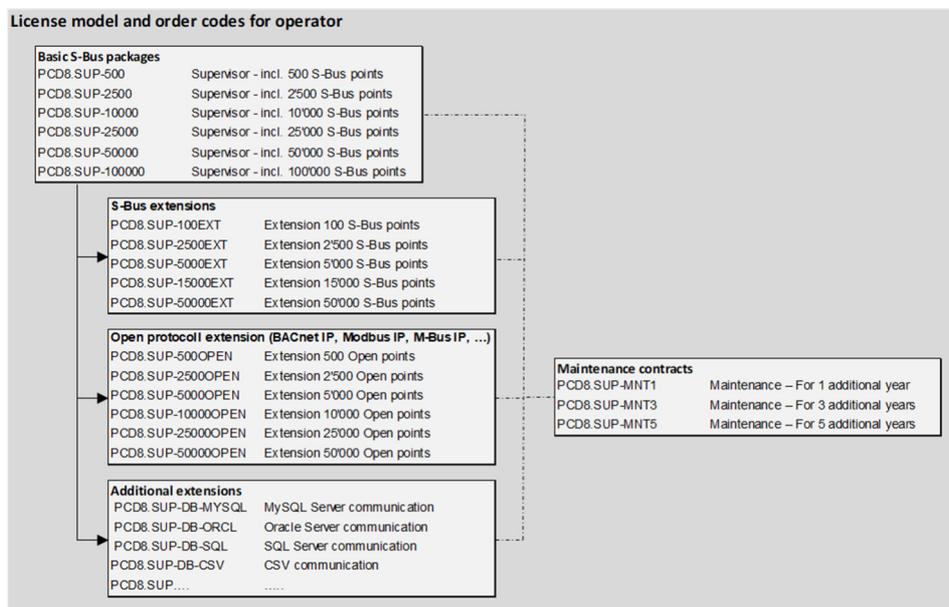
---

Licences can be ordered via SBC Order Management (In case of any questions contact your local sales partner).

The software then has to be installed on the PC on which it will also be used in future, since a unique host ID is created when the installation is started. To obtain the licence key, the customer has to provide Order Management with this host ID along with necessary information such as company/project name.

When an unlicensed installation of Saia PCD Supervisor is run you will be prompted to email certain details to Saia Burgess Controls in order for them to provide the relevant license and certificate files.

#### Runtime license and order codes for end user



---

## EIBnetIp modules

---

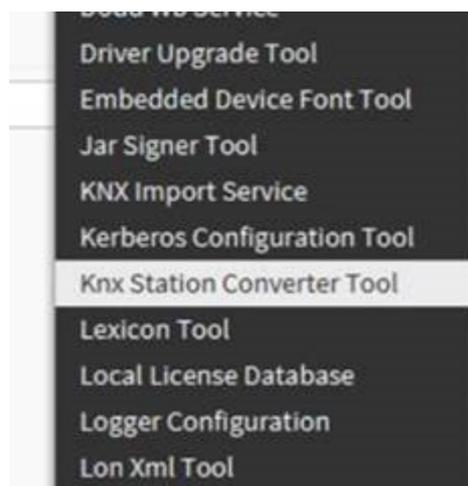
EIBnet modules are no longer in the setup (which already has been the case for a few years) and has been replaced by the knxnetIp modules....

The EIBnet to KNXnet migration tool is available via SBC Support

The EIB to KNX migrator is a workbench tool which translates the xml contents of an offline station folder.

To run the tool:

- 1) Add the conversion tool knxStationConverter-wb.jar to modules on the pc and restart workbench.
- 2) If the station is on a EAGLEHAWKKNX/HAWK, copy to the local host using station copier as per usual.
- 3) In workbench go to Tools -> Knx Station Converter Tool



- 4) Pick the name of the station you wish to convert



- 5) The tool will now complete. A copy of the station will be created in the workbench stations folder, with the \_Knx suffix.
- 6) Viewing the new \_knx station copy offline, you will observe that the EibIpNetwork will have been replaced with a KnxnetIpNetwork, and child devices, proxy extensions and various slots will have been altered/renamed to conform with the KNX driver.

---

## PLATFORM REQUIREMENTS

---

<b>Processor</b>	Core i5-3470 3.2GHz Quad-Core minimum
<b>Operating System</b>	<p>Windows 10, 64-bit recommended. Centraline NX supports the latest Microsoft operating systems and can run on virtual environments. See details regarding Supported Windows Operating Systems here:  <a href="https://docs.niagara-community.com/bundle/Niagara4Install/page/PCPlatformHardwareRequirements-E98706A3.html">https://docs.niagara-community.com/bundle/Niagara4Install/page/PCPlatformHardwareRequirements-E98706A3.html</a></p> <p><b>Attention:</b> Copy the link into your browser, if the first click does not lead you directly to the desired page. You will have to sign up.</p>
<b>Memory</b>	8 GB minimum, 16 GB or more recommended for Win 64-bit version
<b>Hard Drive</b>	250 GB minimum free space 500 GB for applications that need more archiving capacity
<b>Display</b>	Video card and monitor capable of displaying 1024 x 768 pixel resolution or greater
<b>Network Support</b>	Ethernet adapter (10/100 Mb with RJ-45 connector)
<b>Connectivity</b>	Full time high speed ISP connection recommended for remote site access (e.g. T1, ADSL, cable modem)

## SUPPORTED WEB BROWSERS

Use a late version HTML5–capable web browser, such as those shown in the following table.

<https://docs.niagara-community.com/bundle/Niagara4Install/page/SupportedOSAndOtherSoftwareN4Instal-BA086D54.html>

For best result we recommend the current version of Google Chrome.

Web browser	Niagara 4.4	Niagara 4.6/ Niagara 4.7	Niagara 4.8	Niagara 4.9	Niagara 4.10	Niagara 4.11
Google Chrome (mobile, tablet, desktop)	Yes	Yes	Yes	Yes	Yes	Yes (v85)
Mozilla Firefox	Yes	Yes	Yes	Yes	Yes	Yes (v81)
Microsoft Edge	Yes	Yes	Yes	Yes	Yes	Yes (v85)
Microsoft Internet Explorer	Yes	Yes	Yes	No	No	No
Safari on iOS (mobile, tablet)	Yes	Yes	Yes	Yes	Yes	Yes (v13.1)
Java Web Start	Yes	Yes	Yes	No	No	No
Niagara Web Launcher	Yes (N4.4U3 only)	Yes (N4.7U1 only)	Yes	Yes	Yes	Yes
Chrome on Android (v85)	No	No	No	No	No	Yes

NOTE: The following browsers do not support the WbApplet (Wb Web Profile):

- Google Chrome version 45 and higher
- Microsoft Edge
- Firefox version 42 and higher
- Opera

---

## SYSTEM COMPATIBILITY

---

Saia PCD Supervisor allows the direct connection of PCD controllers supporting Ether-S-Bus protocol. Serial S-Bus (RS485) devices can only be connected via a PCD gateway station.

Old PCD CPUs like PCS1, PCD1.M1, PCD2.M1 cannot be connected via Ether-S-Bus, but via Gateway

PG5 is support from Version 2.1 upwards

honUtilityIntTime modules available separate on support page (Needed to read/write register in time format -> Display register as time)

---

## ISSUES AND SOLUTIONS

---



---

### Resolved issues for this Release

---

This list shows issues solved by SBC R&D team, additional fixes from Tridium are display in “Niagara\_4.11 Release Notes.pdf” available through Support page

GALEO-46423	Easy Template - PX page created using Custom Popup option is not viewable in Web Client view for both simple template and complex template
GALEO-46731	Point List View is not loading in default with Standard Popup Template in Browser view
GALEO-49124	NCCB-53955 :BACnet Driver runs in a loop of COV resubscription if Object IDs not exists in Device
GALEO-39948	PG5 Import - summary page after import - Print function not working
GALEO-49209	NCCB-53141-04785360 - Encrypted & Signed Communication with OPC-UA between Supervisor and PCD3.M6893 (QronoX IEC-Controller) not possible
GALEO-45224	Cannot use EasyDatabaseManagerService will not run. PointViewWidget remains blank
GALEO-37097	EDM: Delete Symbols Step 4 shows amount of selected items from previous scan
GALEO-41451	Point property sheets are not loading in point view widget of workbench view
GALEO-41447	Point view widget should not load When PLV service is not present in services (or) error should be displayed properly
GALEO-41142	Easy database manager views is loading though the corresponding services is not added in service container
GALEO-40000	ET - Popup - CanvasPane Properties - min and max Scale Factor are not taken from source view
GALEO-43494	Easy templating: When creating an easy template library with an Etso file containing a picture from the NAV tree, the Easy templating sidebar becomes unusable.
GALEO-48854	PLV: Points stay in stale in PLV when polling is used Active
GALEO-46805	Complex template standard popup graphic view is not loading proper in Webview
GALEO-49783	SBC 4.10.1.36_U1_Build2(SaiaPCDSupervisor_4.10.1.36.2.2): EDE Import is not working in SBC

---

### Resolved issue with Patch1

---

In addition to 4.11 release we provide the patch “SaiaPCDSupervisor\_4.11.0.142.1.3\_Patch1” for Point List View (PLV) which solve following issue

GALEO-53252	PLV: HonDataPointView isn't the default anymore for honBACnet Points within the PLV
-------------	---

---

## Known issues

---

Below table show newly raised issue in 4.11 and considered for fix in further versions

GALEO-53946	PLV: SBC Point view isn't the default anymore for SBC Points within the PLV
GALEO-53109	HonAlarmConsole: In SBC 4.11, when opening the alarm Console, default view showing SBC alarm console instead of Hon Alarm Console
GALEO-53197	PLV: Not able to change values for secured points from Point List View
GALEO-49125	05407157 - After updating to 4.10 Rectangle will not displayed in Web
GALEO-52944	Import wizard is getting very slow when importing many datapoints

---

## MAXPRO Video Integration

HTML5 web browser access to MAXPRO Video Integration solutions affected by Web Start vulnerability

We do know that HTML5 is not supported for the MAXPRO driver. The workaround until 4.8 was to start browser access via Web Start.

Cause this option is not available in N4.9 anymore there is currently no possibility to have HTML5 web access, stream can be watched only on workbench level

For N4.12 fix is announced to provide HTML5 web access

---

## Device Template login issue

Issue:

Login after auto logout/server restart does display last page without the deviceTemplate menu, after login when an auto logout, restart of the station or restart of the web server has occurred.

The reason for this is, that the Niagara web server sets a cookie called "niagara\_origin\_uri" with the latest visited ord. This cookie is valid until page is closed or reloaded and the deviceTemplate cannot prevent this from happening.

Workaround:

The "niagara\_origin\_uri" is not set if Same Site option is configured to "none" in a Secure context.

**Niagara**

1. Go to "Station -> Config -> Services -> WebService"
2. Set the Option "Same Site" to "None"
3. Make sure HTTPS is active

**Browsers**

Clear all cookies at least for the Niagara webpage.

Note: You must connect via HTTPS to the Niagara web server, if not the solution may not work, or the page is may not working.

This will only have accomplished with latest or higher web browser versions as listed below:

Mobile:

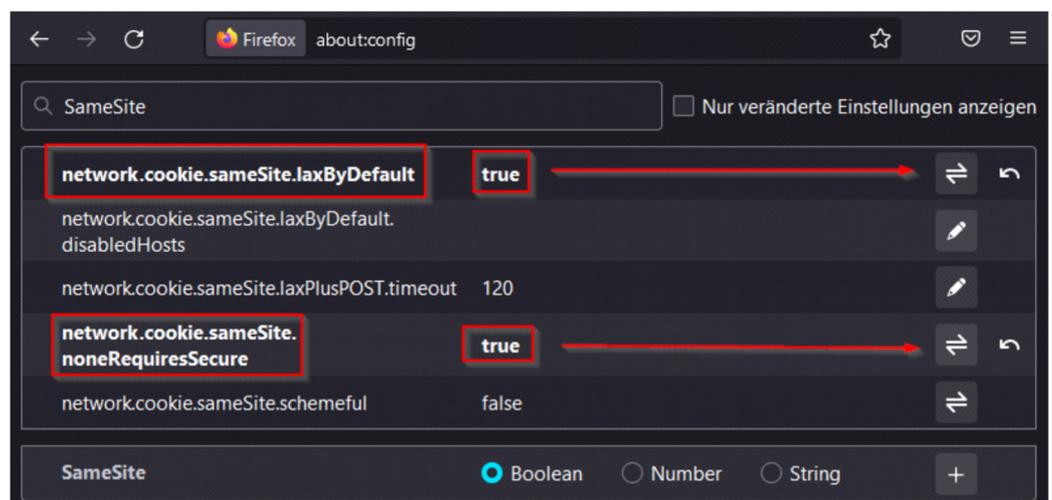
- WebView Android v80
- Chrome Android v80
- Firefox Android (Not Supported!)
- Opera Android v60
- Safari on iOS (Not Supported!)
- Samsung Internet v13

PC:

- Chrome v80
- Edge v86
- Internet Explorer (Not Supported!)
- Opera v71
- Safari (Not Supported!)
- Firefox v69\*

\*Note: Firefox on PC has not yet set the option "Secure require" from the "SameSite=None" attribute by default (Will be default in future versions).

1. It need to be configured by type in into the address bar: "about:config"
2. Search for "SameSite".
3. Set "network.cookie.sameSite.laxByDefault" to true.
4. Set "network.cookie.sameSite.noneRequiresSecure" to true



---

## Won't fix issues

---

Because of technical reasons is not possible to get a fix for following issues

GALEO-10365	honBACnetUtilities: BACnet Devices with special characters are not shown in a proper manner in the history tree
-------------	---