Saia PCD Supervisor Software Release Bulletin 4.13.3.48.1

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SUMMARY

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

If you install the version 4.13.3.48.1 you will benefit from:

- Migration of JAVA Runtime Engine (JRE) from Oracle to Azul
- Fixed issues as listed:
  - o in section "Resolved Issues for this Release"
  - o in "Niagara 4.13u2 Release Notes" available on support web page: https://sbc-support.com/en/product-index/saia-pcd-supervisor/
- Windows 11, Windows Server 2022 support
- Comprehensive HVAC Application Library
- Optimizer Suite hardware support
- E-Mail Authentication (Microsoft 365 / Gmail)
- Automated Software installation
- ISA 62443 (SL4)
- Extended Browser based (HTML5) Engineering
- Update on Energy Monitoring
- General Cyber Security Enhancements

IMPORTANT: JAVA MIGRATION

SBC is migrating the JAVA Runtime Engine (JRE) from Oracle to Azul for Saia PCD Supervisor 4.13u3. This package cannot be used for commissioning and can only be used for monitoring (Supervisor – Only functionality).

With this version the OptimizerAdvanced controllers cannot be commissioned as the dist files of this controller are not released yet for the Saia PCD Supervisor 4.13u3.

Commissioned controllers can be transferred to the Supervisor at the higher version for monitoring purposes.

From 15 July 2024, all new licences will run Niagara 4.13u3 versions with only Azul features included in the licence. These new licences cannot be applied to older versions.

Engineering/Demo licences will need to be refreshed to run new versions of Niagara. Otherwise, theywill remain unaffected.

BACnet certification

In the category of BACnet certifications, this release is related to Niagara Framework version - 4.3.58.22.11
- BACnet B-BC A-WS AS-B MOU-B
- Certifying to protocol revision 14

See the listing here.

NEW FEATURES / UPDATES

Versions comparison

Between Saia PCD Supervisor 4.12 / 4.13u2 and basic Niagara 4.13

Features by Tridium / by SBC	Tridium Niagara 4.13u2	Saia PCD Sup 4.12	Saia PCD Sup 4.13u2
Niagara 4.13u2	✓	X[1]	✓
Cloud Connector	✓	✓	✓
Security Dashboard	✓	✓	✓
E-Signature (FDA 21 CFR Part 11)	✓	✓[!]	✓[!]
JSON Toolkit	✓	✓	✓
Video Integration (Milestone, AXIS, MaxPro)	✓	✓	✓*
Single Sign On with native IdP	✓	✓	✓
HTTP client	✓	✓	✓
BACnet Secure Connect (TLS 1.3)	✓	✓	✓
MQTT Driver Azure Authenticator	✓	✓	✓
Archive History & Alarm Provider	✓	✓	✓
Lexicon Internationalization Support	✓	✓	✓
Browser based engineering	✓	✓	✓*
Email-Authentication (Microsoft 365 / Gmail)	X	X	✓
Automated Software installation	X	X	✓
Windows Server 2022 support	X	X	✓
BACnet Utilities (Cost & time saving)	X	✓	✓
Energy Monitoring (V3.7.0)	X	✓*	✓*
S-Bus driver	X	✓	✓
Saia PG5 Project Import Wizard	X	✓	✓
Easy Templating	X	✓	✓
+ S-Bus / BACnet DDC2.7 templates	X	✓*	✓*
Advanced Menu (Customisable web view)	X	✓*	✓*
Easy Binding (Build own smart libraries)	X	✓	✓
Easy Alarm Management	X	✓	✓
Easy Database Manager (Project cleaning)	X	✓	✓
Point List View	X	✓	✓
Printout tool (Project documentation)	X	✓	✓
Comprehensive Application Library	X	X	✓
Optimizer Suite Hardware support	X	X	✓

x[1]: Niagara 4.12; *: Enhanced; [!]: Restrictions

Ready-to-use templates and demo enable fast engineering of complete systems
- Simple and easy to understand structure
- Graphics with live values which can be easily overwritten with real system values
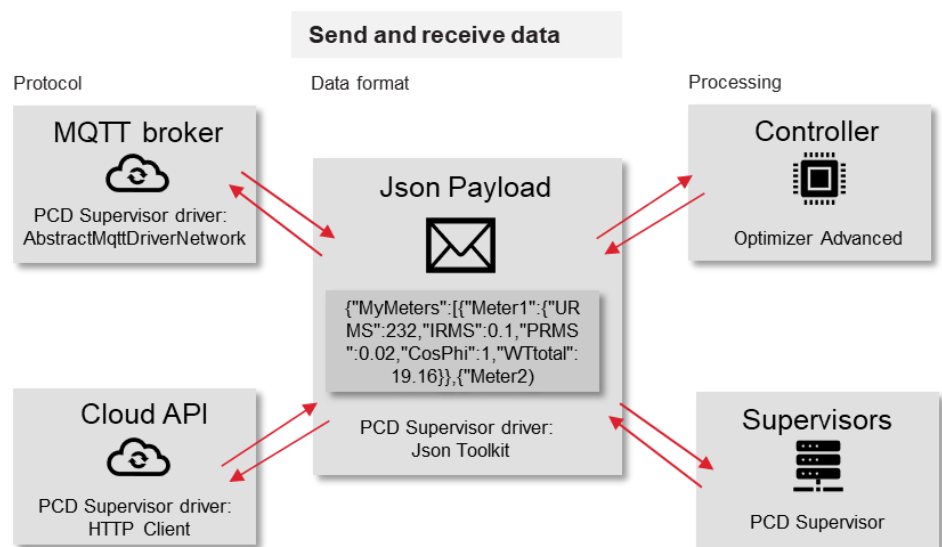- Extensively tested and expanded over the years

MQTT connectivity
- Use for "machine to machine" and / or IoT data exchange.
- Network protocol for transmitting messages from low-bandwidth devices
- Data exchange with third-party such as smart sensors
- Supports AWS, Google Cloud and Azure authentication

HTTP Client
- Enables data exchange with e.g. web pages
  - Communication with HTTP web services and APIs (interfaces)
  - Basically access to all web page data on the web

JSON-Toolkit
- Simplifies the setup of communication with IoT, databases, cloud services, and third-party applications
- Includes tools palette with templates for data export
- Requests to web services can be freely defined
  - Enables easy transfer of individual data from web pages

Send and receive data

Protocol	Data format	Processing

MQTT broker

PCD Supervisor driver:
AbstractMqttDriverNetwork

Json Payload

{"MyMeters":[{"Meter1":{"UR MS":232,"IRMS":0.1,"PRMS ":0.02,"CosPhi":1,"WTtotal": 19.16}},{"Meter2)

PCD Supervisor driver:
Json Toolkit

Controller

Optimizer Advanced

Cloud API

PCD Supervisor driver:
HTTP Client

Supervisors

PCD Supervisor

Enables browser-based engineering
- This supports program outsourcing to a cloud
- The programmer does not have to follow the Niagara version on the station
- Only accesses areas that are necessary for the project engineering

Provides additional flexibility and reduces on-site deployments
More functions / tools introduced in the next releases

Currently Available:

▶ **WebWiresheet:**

   ▶ Wiresheet application to the browser environment

▶ **HTML5 Network Point Manager:**

   ▶ Advanced HTML5 browser interface

▶ **HTML5 BQL Query Builder**

   ▶ Configure reports and BQL queries in a browser

▶ **Certificate manager**

   ▶ Simplified creation and configuration of certificates

▶ **Network station manager**

   ▶ The module and version dependency does not have to be observed

Energy Monitoring – Machine learning model

Anomaly Model
- Identification of consumption value outliers outside the prediction interval
- Training of a machine learning model based on the historical baseline data
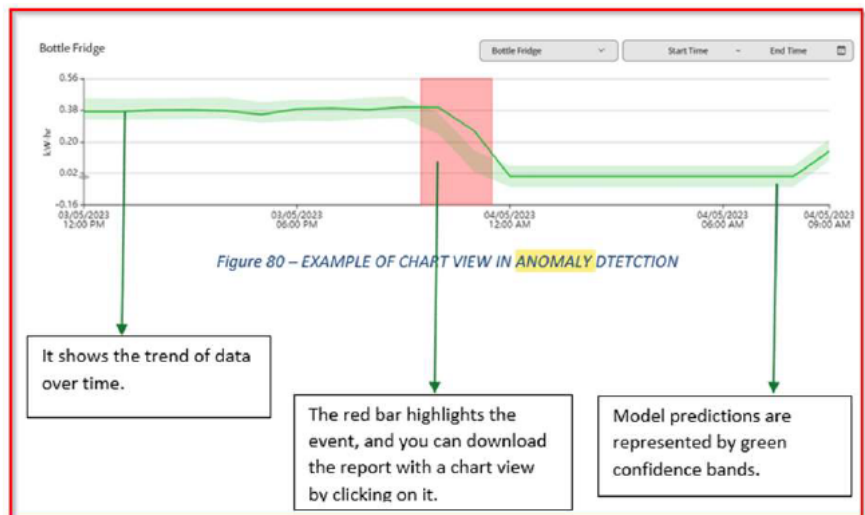
Use of weather data
- Remote weather service (import of API weather data)
  - Historical and forecast data are provided
- Local weather station (use of local historical data)

Site Component
- Improved grouping of aggregator (data container)

Anomaly Console
- Display of the predicted and the actual value of the selected period.
- Differences (anomalies) are displayed highlighted and can be tracked further

Figure 80 – EXAMPLE OF CHART VIEW IN ANOMALY DTETCTION

It shows the trend of data over time.

The red bar highlights the event, and you can download the report with a chart view by clicking on it.

Model predictions are represented by green confidence bands.

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

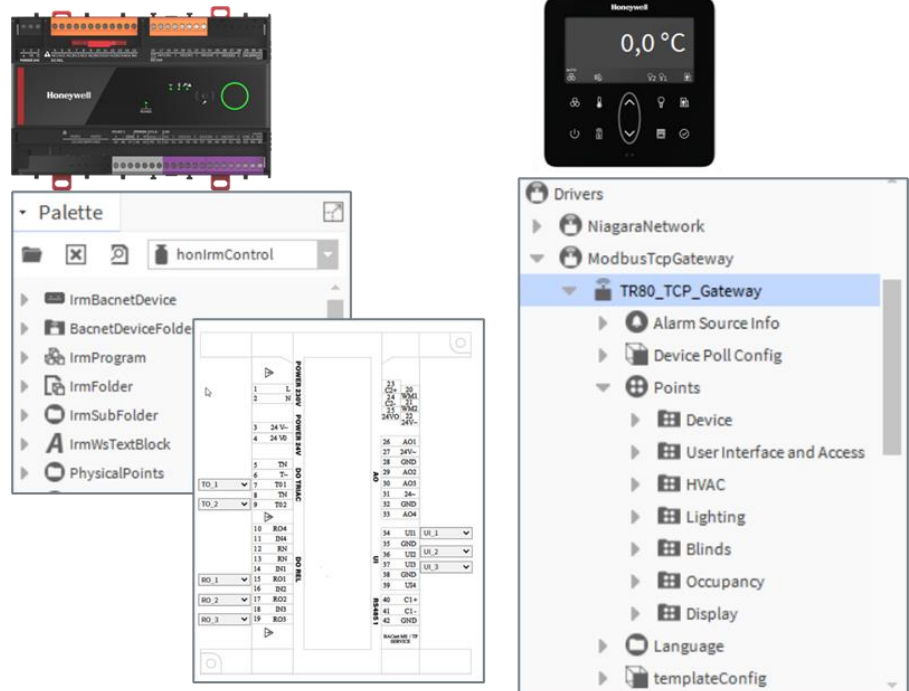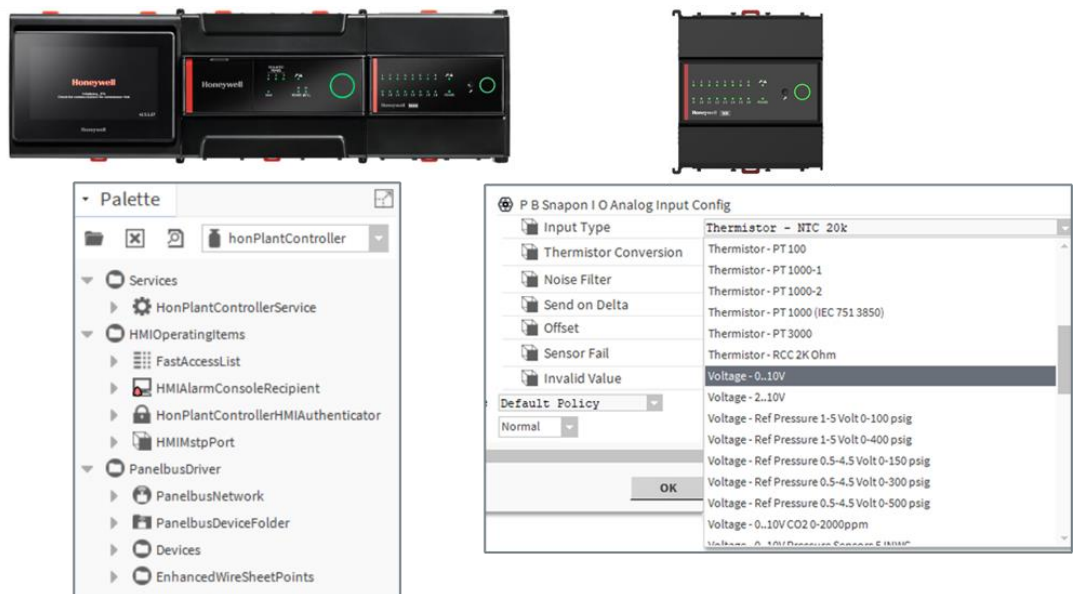Optimizer Advanced Controller, I/O modules, Unitary Controller and Room control can be programmed or commissioned via Supervisor Workbench

Separate palettes and templates are available, secured by licence check

Automatic detection of connected IO modules

PART NUMBERS

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 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

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 OpenADR Driver

Part Number	License Key	Description
PCD8.SUP-OpenADR	DR-S-OADR	VEN Supervisor Driver for OpenADR 2.0 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
PCD8.SUP-EM5KEXT	PCD8.SUP-EM5KEXT	Additional 5000 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 30th.
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. **Attention**: 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 (30th 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.
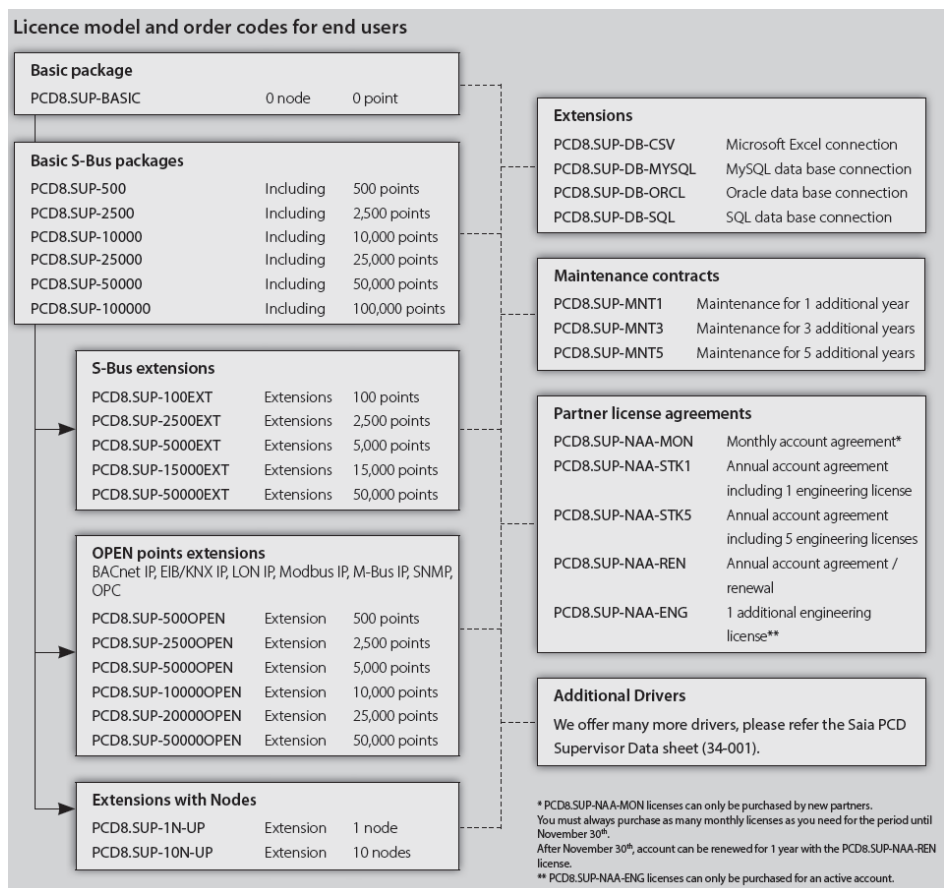
Licences can be ordered via SBC Order Management (In case of any questions contact your local sales partner).
The software then has to be installed on the PC on which it will also be used in future, since a unique host ID is created when the installation is started. To obtain the licence key, the customer 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

PLATFORM REQUIREMENTS

Processor	Core i5-3470 3.2GHz Quad-Core minimum
Operating System	Windows 10/11, 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: https://docs.niagara-community.com/bundle/Niagara4Install/page/PCPlatformHardwareRequirements-E98706A3.html **Attention**: 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
Memory	8 GB minimum, 16 GB or more recommended for Win 64-bit version
Hard Drive	250 GB minimum free space 500 GB for applications that need more archiving capacity
Display	Video card and monitor capable of displaying 1024 x 768 pixel resolution or greater
Network Support	Ethernet adapter (10/100 Mb with RJ-45 connector)
Connectivity	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/SupportedWebBrowsersInstallation-F1F39EEC.html

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

Web browser	Niagara 4.10	Niagara 4.11	Niagara 4.12	Niagara 4.12
Google Chrome (mobile, tablet, desktop)	Yes	Yes (v85)	Yes (v85)	Yes (v85)
Mozilla Firefox	Yes	Yes (v81)	Yes (v81)	Yes (v81)
Microsoft Edge	Yes	Yes (v85)	Yes (v85)	Yes (v85)
Microsoft Internet Explorer	No	No	No	No
Safari on iOS (mobile, tablet)	Yes	Yes (v13.1)	Yes (v13.1)	Yes (v14)
Java Web Start	No	No	No	No
Niagara Web Launcher	Yes	Yes	Yes	Yes
Chrome on Android (v85)	No	Yes	Yes	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

SUPPORTED INFRASTRUCTURE

SUPPORTED OPERATING SYSTEMS		SUPPORTED DATABASES	SUPPORTED BROWSERS
Windows 10 64-bit	**Virtual Machine**	**SQL Database**	**Browser**
Professional / Enterprise	VMware ESXi 6.7	MySQL Server 8.0	Chrome (v85)
Windows 11	**Mobile**	(mysql-connector-java-8.0.24)	Firefox (v81)
Windows Server 2016	iOS 12	MS SQL Server 2016 (v13)	Microsoft Edge (v85)
Windows Server 2019	iOS 13	MS SQL Server 2017 (v14)	Web Launcher
Windows Server 2022	Android 8 (Oreo)	MS SQL Server 2019 (v15)	**Mobile Browser**
	Android 9 (Pie)	**SQL Database**	Safari on iOS (v13.1)
	Android 10 (Queen Cake)	Oracle 12c.1/2	Chrome on Android (v85)
		Oracle 18c	
		Oracle 19c LTS	
		Niagara SystemDB	
		Orient v3	

New Additions shown in Bold

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)

Resolved issues for this Release

This list shows issues solved by SBC R&D team, additional fixes from Tridium are display in "Niagara_4.13u2 Release Notes.pdf" available through Support page

GALEO-74615	SBC 4.13U2 - Station in web browser - right click action is not working for points level - Applicable for all the brands
GALEO-74952	SBC 4.13U2 - Unresolved ORD for different language which impacts easy template
GALEO-70956	Observed error in the workbench and multiple severe error in console log while opening workbench first time after installation.
GALEO-72331	ImportWizard - Skip Action at Step 3 should not overwrite custom data point settings

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.noneRequireSecure" to true
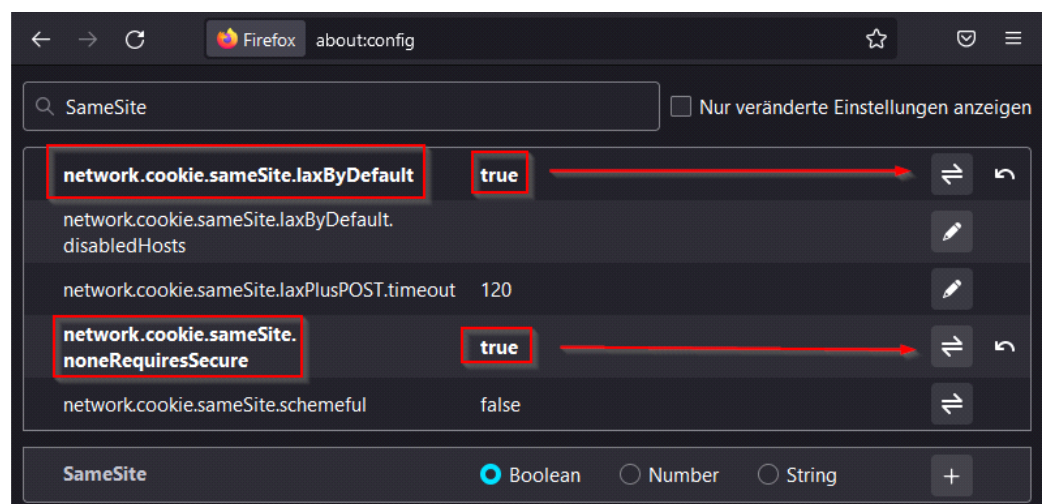
Because of technical reasons is not possible to get a fix for following issues

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