

RELEASE NOTES for Power Xpert Dashboard Processor
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Software Version DBCampus_2020.12.1
Build Date: 12/18/2020

Software Version DBCampus_2021.3.1
Build Date: 04/01/2021

Software Version DBCampus_2021.6.1
Build Date: 06/30/2021

Software Version DBCampus_2021.9.1
Build Date: 09/XX/2021

These release notes are provided as a guide to Power Xpert Dashboard Campus Processor

This document is not intended to be all-inclusive.

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1.0 Product Description

The Power Xpert Dashboard Campus provides a simple user interface to monitor Power Xpert Dashboard and Dashboard Lite enabled switchgear. It provides a single view of all connected Dashboard and DB Lite processor in the form of Cards. It provides features required to maintain loads such as:

- Rich interface to monitor status and alarms of all connected dashboards
- Grouping of loads to combine Power, Demand and Energy
- View of Location on a Map View.

The Power Xpert Dashboard Campus Processor provides following features:

- Software provides two modes of operation i.e. Monitoring and Configuration modes.
Monitoring:
 - Card View to monitor Communication status, ARMS status, Active alarms and Events count along with Realtime values of two selected channels for up to two devices for each Dashboard.
 - Sidebar view for each Card including Current, Voltage, Energy, Power and

Demand values.

- Timeline View that displays all Alarms and Events (Power Loss and Restored) for each communicating Dashboards.
 - One-line view is a graphical representation of the power flow of all the assemblies in the Campus.
 - Map view displays Pinned locations of each connected Dashboards and allow to modify its location.
 - Energy View displays accumulated Energy from all Dashboards for Default categories - Total, HVAC, Outdoor Lighting, Indoor Lighting, and Plug Load.
 - Energy Trend-viewer display Trends for each Energy channel.
 - Navigation to respective PXDBP or PXDBLP User interface. This option is enabled from Card, Map, and Timeline Views
 - Export Timeline data, Trends, etc. to .csv file(s)
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- Configuration Mode:
 - Access to authorized users only.
 - Initial setup that enables users to quick start of General configuration.
 - Configuration of Dashboards and selection of channels to display on Cards.
 - Enables selection of Dashboards to show Accumulated Energy.
 - Manage user accounts
 - Manage Certificates.
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- A help document explaining the usage of the Power Xpert Dashboard Campus Processor
 - Remote Connectivity on the HMI by accessing the IP address of the PXDCP remotely.

2.0 System Requirements

Make Back-up of configuration files before uploading new build
MQTT enabled Software versions of Power Xpert Dashboard and Dashboard Lite Processors.

2.1 Supported Browsers

The Power Xpert Dashboard Processor is viewable using any HTML5 compliant browser with local or network access

Chrome is recommended for the best user experience.

3.0 Compatible Devices

All MQTT enabled Power Xpert Dashboard and Dashboard Lite Processors.

4.0 New Features and Fixes

VERSION DBCampus_2020.12.1 (December 2020)

#Initial Release

VERSION DBCampus_2021.3.1 (March 2021)

- # Added One-line support to create graphical view of all the connected downstream Dashboards.(PXDBPs/PXDBLs)
- # Added feature for elevated user configuration to access downstream Dashboards with the user having elevated permissions.
- # Added MQTT Authentication feature for secure navigation between Dashboard Campus & downstream Dashboards.
- # Geographical Map View feature addition to pin the locations of downstream dashboards, based on the location.

VERSION DBCampus_2021.6.1 (June 2021)

- # Added Dashboard Assistance Feature to assist user in Field Commissioning & HMI Setup.
- # One-line drawing improvements.

VERSION DBCampus_2021.9.1 (September 2021)

- # Added Auto-discovery support for addition of downstream dashboards in Dashboard Campus.
- # Added diagnostic capability for troubleshooting in case of communication or navigation failure to downstream dashboards.
- # Improved Dashboard Assistance to generate report for HMI Support.
- # Improved Dashboard Assistance to provide user with three historical reports of Field Commissioning & HMI Support.

5.0 Known Issues

- Recommendations:

- Before firmware upgrade export the configuration file. This file will need to be loaded if firmware is downgraded.
- After a firmware update, a user having Change Settings permission should login first.
- To turn Dashboard Lite Processor to Dashboard Campus Processor first install the code and then perform a hard reset.
- Before setting up Campus Dashboard, install ca certificate into Browser for all desired Dashboard and Dashboard Lite processors.
- While configuring the Map View for the first time, click 'Set Location' button everytime after Dashboard is placed on the map.

Known issue:

- If the grey colored strip is displayed to the left of One-line sidebar, navigate to other tab or refresh the application to correct the behavior.
- Sometimes Edit, Delete & Connections icons are retained after re-ordering on One-line page, navigate to other tab or refresh the application to correct the behavior.
- MAC address not displayed for Dashboards outside subnet of DBCampus.

Updated 09/16/2021