RELEASE NOTES for Dashboard Lite
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Software Version DBLite_2019.3.1
Build Date: 28 March, 2019

Software Version DBLite_2019.7.0
Build Date: 30 July, 2019

Software Version DBLite_2019.11.1
Build Date: 21 Nov, 2019

Software Version DBLite_2019.11.2
Build Date: 20 Feb, 2020

Software Version DBLite_2020.12.1
Build Date: 18 December 2020

Software Version DBLite_2021.3.3
Build Date: 1 April 2021

Software Version DBLite_2021.6.1
Build Date: 25 June 2021

Software Version DBLite_2021.9.1
Build Date: 17 September 2021

Software Version DBLite_2021.12.3
Build Date: 28 December 2021

Software Version DBLite_2022.3.1
Build Date: 1 April 2022

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1.0 Product Description

The Dashboard Lite application provides a simple, intuitive user interface to
monitor, manage, and diagnose trip units and serial meters for small switchboards
and panelboards.

Dashboard Lite provides the following features:
• Rich interface to monitor parameters of all devices and study the trends of those parameters.
• Ability to configure and monitor alarms for devices.
• Grouping of devices for energy accumulation including power, demand, and energy
• Timeline View that displays the sequence of events including alarms, device status changes and service or maintenance items
• Automatic configuration of Modbus RTU devices through auto discovery feature.
• View, copy, change, and store PXR trip unit setpoints through the optional setpoints app.
• Remotely enable/disable Arc flash Reduction Maintenance Systems (ARMs) and open MCCB circuit breakers through optional ARMS or control mode licensed apps.

2.0 System Requirements

In order to use this software pre-requisites are:
• Power Xpert Dashboard Lite Processor.
• USB A to USB Mini-B cable for Network configuration.
• Optional ESA Android based 7" HMI v 1.0.62 with Webview and chrome installed (To access application on 7" HMI)
• Adobe® Acrobat Reader (version 5 or higher)
• Ethernet cable to communicate over Internet.

3.0 Compatible Devices

• ACB PXR 20/25 Trip Units
• MCCB PXR 20/20D/25 Trip Units
• PXM 4000/6000/8000
• PXM 350
• PXM 1000 series
• PXBCM
• PXMP
• IQ 130/140/150
• IQ 250/260
• Digitrip 1150 via mMint

4.0 New Features and Fixes

VERSION DBLite_2019.3.1 (Mar 2019)
Initial release

VERSION DBLite_2019.7.0 (Jul 2019)

#New feature additions:

- ASHRAE 90.1 Energy Data trending and reporting
- PXR Setpoints changes for MCCB firmware Version V 01.02.0016 and above
- Added "Commission PXR Communication" command to configure PXR trip units to communicate properly with the PXDB Lite
- Updated PX Red Toolkit (R12 - 3.19.5) release, Linux kernel (4.14.111), and gcc Compiler (7.4.0) to meet current cyber-security release requirements

#Improvements & Bug fixes:
- Auto Discovery improvements
- Show the device address for unidentified devices found during Auto Discovery
- Improved Energy Category Configurator
- PXR Trip log device handler improvements
- UI performance improvements
- Added Copy button for PXDBL network GUID & MAC address to aid in Cloud configuration
- 7" HMI configuration and power cycle recovery improvements
- Fixed ARMS Channel Subscription issue when Device is removed and re-added

VERSION DBLite_2019.11.1 (Nov 2019)

#New feature additions:
- Energy Subtraction - This feature provides the capability to subtract the energy contribution from the device.
- PXDBLite Virtual Device - This feature allows the user to trend Energy, Power & Demand channels for various categories. User can also view the category wise channels values on the Main Devices screen.
- Export Energy - This feature provide the user with the capability to export Energy data up to three years at intervals of 15 minutes, 60 minutes & 1 day.
- PXR Time Synchronization with PXDBL

#Improvements & Bug fixes:
- Fixed Alarm Configuration deletion issue
- Fixed clear energy issue where custom category were not getting removed
- Display Ground Current & Neutral Current channels for ACB & MCCB PXR Devices
- Corrected Minimum Value of Long Delay Pickup for PXR25 MCCB Trip Units
- Fixed Quick Start Guide & Dashboard Summary Report issue

VERSION DBLite_2019.11.2 (Feb 2020)

#New feature additions:
- BACNet upstream support for Energy Grouping

#Improvements & Bug fixes:
- Fix issue related to Chrome version 80.
- Corrected alignment of Modbus TCP Cached Data server Data in exported CSV file.
- Fix issues realted to Export Energy modal.
- Enabled user without setpoint permission to do control operations for PXR devices.

VERSION DBLite_2020.12.1 (Dec 2020)

#New feature additions:
- Added Power Xpert Meter 3000 support.
- Addition of MQTT to support Dashboard Campus.

#Improvements & Bug fixes:
- Restricted Trusted Host deletion when it is enabled for any of the Access Control fields.
- Fixed MAC Adress cropping issue on Settings>Network screen.

VERSION DBLite_2021.3.3 (March 2021)

#New feature additions:
- Added MQTT Authentication feature for secure navigation between Dashboard Campus & downstream Dashboards.

#Improvements & Bug fixes:
- Fixed issue to display all the extras on the left navigation pane.
- Fixed UI Issues - Removal of scroll bar from Login screen
                   - Removed scroll bar from Cyber Security modal.

VERSION DBLite_2021.6.1 (June 2021)

#New feature additions:
- Provided PXR MCCB 1.3 support in online & offline mode.
- Provided PXR ACB Magnum 3.0 offline Setpoints support.
- Added support to disable devices.

#Improvements & Bug fixes:
- Fixed PXR PD Trip Unit commissioning issue.
- Fixed 'Sort by Trip' issue on timeline issue.
- Fixed MQTT connection status notification issue.

VERSION DBLite_2021.9.1 (Sep 2021)

#New feature additions:
- Added Brand label licensing to customize DBLite UI color and logo.
- Added support for PXR ACB Magnum 3.0 including Setpoints, Control commands and Trip log support.
- Added Maintenance mode Setpoint requirement Changes for PXRs and Magnum device.
- Added Auto Discovery support for PXM 3000.
- Added unique "ARMs Control" slider when only ARMs license is installed.

#Improvements & Bug fixes:

- Fixed issue with DBLite ARMS status not reflecting on DBCampus.
- Improved text on Access Point Unpair message.

VERSION DBLite_2021.12.3 (Dec 2021)

#New feature additions:
- Added support for the C441 I/O module.
- Added support for PXR Magnum setpoint changes
        - Source Ground sensing and GF pickup dependencies
        - Move Source Ground sensor in Ground protection group
        - Ground sensing type & Ground fault pre-trip alarm changes
        - Enable & Disable High load alarm 1 & 2 and their dependencies
        - Pole and Neutral sensor dependencies.
        - User Management Support

#Improvements & Bug fixes:
- Fixed issue related to cards alignment on Devices page.

VERSION DBLite_2022.3.1 (March 2022)

#New feature additions:
- Allowed device commissioning without Control License for PXR Trip Units & mMint.
- EDS/ device handler optimization for PXMP and BCM
- Added ModBus TCP support for device addition.
- Added device support for PXMP having Pulse Input Modules.
- Provided PXR Magnum (ACB 3.0) IoT support.
- Added setpoint support for PXR Magnum (ACB 3.0) for version 3.0.47
- Setpoint changes for MCCB PXR Firmware version 1.3.x

#Improvements & Bug fixes:
- Fixed Device Health Channel display issue for DT 1150

5.0 Known Issues
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1. Alarm Settings:
    1. Alarm configuration of submeter(PXBCM) is not deleted after clicking remove.
    2. Duplicate alarm is adding record in Additional channels section before
saving.
 #Workaround - Works correctly after tab Navigation or Page refresh.

2. Unable to download Quick Start Guide on HMI.
 #Workaround - User can view the contents of Quick Start Guide by opening &
scrolling through it.

3. Open Breaker Command is not shown in Sidebar Pocket when PXR device is removed

and added again.
 #workaround - Close the sidebar & re-open it to see the command.

4. PXR Magnum Setpoints Relay assignment 2 Write operation is not supported

Updated 1 April, 2022