

# EL2P Firmware Release Notes 1.6.8 Rev1.0

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## General

### Tested Application Compatibility

<i>Application</i>	<i>Support</i>	<i>Known Limitations</i>
Security Handle	V4.2	
Web Based LBT	V5.0.1-b8	
SCU	V1.0.1-26	
ZTP Boot Server	V1.3.0	

### Released Production Files

#### Product Upgrade

##### *Image Information*

Filename: pdu-package-1.6.8.bin

Version: 1.6.8

CRC32: 45e527b8

SHA256: e3a99d1280e817580d4294d01acce9b2bc59eb0dfea7d36c3823508c975e64aa

Filesize: 95855356 bytes

## New Features

### New Features added in version 1.6.8

- Onboard data collector

## Resolved Issues

### Issues resolved by version v1.6.0

Issue ID	Title
SUN-514	RESTapi Access is not configurable through the WebUI or SNMP
SUN-517	Disabling both IPv4 and IPv6 causes the web server to be unrecoverable without reboot
SUN-684	Duplicate Username Is Added
SUN-826	LDAP and Radius Errors have no SNMP or SMTP notifications.
SUN-1141	Add Origin info to event log file
SUN-1220	LDAP: testuser not able to login while changing the port to 636 with TLS
SUN-1317	"Temporary user added" events always come from Handle connected to primary
SUN-1395	System use notification (IEC 62443 6725 CR 1.12)
SUN-1466	Remove Wi-Fi QR when Wi-Fi is not running
SUN-1492	Critical alarm does not clear on removing the sensor for Dry Contact ACC01L / Door Sensor ACA01L
SUN-1498	Syslog messages not sent when uploading settings through Config upload
SUN-1524	Alarm Filtering of event log access
SUN-1553	Add Japanese region to firmware.
SUN-1561	SNMPv3 username takes values larger than the standards
SUN-1584	Alarm tab does not identify PDU # in Source when its coming from Primary
SUN-1588	Low warning Phase Current Alarms appears on Web UI for all phases after setup PDU to nominal Current A
SUN-1590	SNMP panduitPduRowStatus OID does not fully "destroy" the first time
SUN-1591	Bridge mode uses STP need RSTP
SUN-1600	If first PDU doesn't have outlet metering, "Low Voltage Breaker Detection" cannot be customized on MPO/MSPO daisy chain units
SUN-1605	Handle beacon on PDU 2 stuck in critical alarm (blinking red)
SUN-1610	SYSLOG: LCL_OFF and Critical Level/Alarm Cleared, But Syslog Message Is Not Cleared LCL/Alarm
SUN-1620	System reset SNMP trap and SMTP not disabled
SUN-1625	Power sharing status event notifications does not affect events
SUN-1633	System needs to be reset when switching between IPv4 and IPv6.
SUN-1639	Entries that take hostnames (FQDN), should accept 255 characters
SUN-1661	Dashboard does not stay on tab when switching units
SUN-1667	Device Firmware Update dialog closes on first attempt

## Issues resolved by version v1.6.1

Issue ID	Title
SUN-1450	RAC: Temporary RAC User Changed/Deleted, No SNMP Traps
SUN-1526	Add alarm/eventlog msg when daisychainServer detects a PDU was swapped
SUN-1562	config/wifiNetConfig is missing on sunrise (exists on UPS)
SUN-1575	If a PDU is assigned an Auto-IP address, it should continue to look for the DHCP server.
SUN-1613	If a security handle was never present on NMC 1 but is present on daisy chain NMC X, Rack Access Settings/Beacon/Status LED/Keypad are not configurable in the web UI
SUN-1726	Redfish: Add AccountService.TACACSplus, abstract PATCH
SUN-1758	Dual restart messages

## Issues resolved by version v1.6.4

Issue ID	Title
SUN-911	Secure data deletion
SUN-1114	Cisco Nexus Data Collector on Sunrise PDU
SUN-1325	USER LOGGED OUT RFC5424 structured data is missing origin information, but message does contain IP
SUN-1654	System Needs to Reboot for LDAP to Take Effect
SUN-1715	Handle gets stuck in a loop stating "Smart Cabinet Hot Aisle Lock is locked automatically"
SUN-1721	Random '0.0' temperature readings on the PDU.
SUN-1741	Redfish: Implement SNMPv1 Trap Destination
SUN-1788	AC Users Starting/Expiring Do Not Trigger Alarms

## Issues resolved by version v1.6.6

Issue ID	Title
SUN-1808	Stuck alarms on daisy chain PDU.
SUN-1813	Switching to a different linked unit while on a sub-tab may result in the page not showing data
SUN-1815	SNMP IPv6 requires a pdu reboot after Default settings

## Issues resolved by version v1.6.7

Issue ID	Title
SUN-1827	2nd PDU sensors have empty strings for their Name after reset-to-defaults

## Outstanding Issues

### New Issues

The following reported problems have been found since the previous release and are still outstanding in this release.

Issue ID	Title	Version	Status

### Existing Issues

The following reported problems were found prior to the previous release and are still outstanding.

Issue ID	Title	Version	Status
SUN-1830	Event Log 'Source' is always PDU 1 Unit Name for any config changes on Daisy chained PDU	v1.6.6	Deferred
SUN-1848	Smart Cabinet Door Switch is left open more than max. config time alarm is not cleared on removing the sensor	v1.6.7	Deferred
SUN-1872	AutoUpdate will skip fw update if PDU FW is older than server FW on provisioning.	v1.6.7	Deferred
SUN-1908	Cannot re-configure SMTP username or password when authentication is enabled, unless you uncheck and re-check it	v1.6.7	Deferred

**SUN-1830** Event Log 'Source' is always PDU 1 Unit Name for any config changes on Daisy chained PDU

The Source of the event always shows the primary PDU.

*Workaround:* Go to the alarm page and verify the actual alarm.

**SUN-1848** Smart Cabinet Door Switch is left open more than max. config time alarm is not cleared on removing the sensor

Alarms post against the access control handle will not be cleared if the handle is deleted.

*Workaround:* Clear all alarms before deleting the handle or reboot the NMC.

**SUN-1872** AutoUpdate will skip fw update if PDU FW is older than server FW on provisioning.

The PDU assumes that when it is provisioned its firmware is up to date and marks the hash of the package on the server as updated. If the firmware is updated on the server, later checks will work as expected.



*Workaround:* use ZTP or manually update firmware when provisioning the PDU

**SUN-1908** Cannot re-configure SMTP username or password when authentication is enabled, unless you uncheck and re-check it

If "Server requires authentication" is Enabled when the SMTP Account Settings are edited, the Username and Password/Confirm Password are not visible.

*Workaround:* Click on "Enabled" twice to disable and re-enable it. Then change Username/Password/Confirm Password.



## Release History

Revision	Date	Reason for Change
1.1.3	March 14, 2025	Preliminary Release
1.2.6	June 12, 2025	Maintenance Release
1.4.1	October 13, 2025	Added SZTP, TACACS+ and Firmware upgrade automation
1.4.2	December 1, 2025	Maintenance Release
1.5.3	January 26, 2026	Bridge mode
1.6.8	April 26, 2026	Onboard data collector