

Electrical Sector and its Product Cybersecurity team continue to evaluate the potential exposure of its products to the Network Time Protocol (NTP) vulnerabilities

The Network Time Protocol (NTP) provides networked systems and devices with a way to synchronize time for various services and applications. There are several vulnerabilities that have been reported against NTP version 4.2.7 and below.

- The buffer overflow vulnerabilities may allow a remote unauthenticated attacker to execute arbitrary code with the privilege level of the running service
- The weak default key and non-cryptographic random number generator may allow an attacker to gain information regarding the integrity checking, authentication encryption schemes or access to private mode and control mode queries that require authentication, if not restricted by the configuration

Eaton has reviewed the included list of Linux® products and confirmed that they currently are not affected by this vulnerability.

Product line name	Product name
UCA Com-platform	C441R, C441T, C441U, C441V
Open Source Software	NUT
Zero 88	Theatrical desks
Zero 88	Fixed racks
Zero 88	Portable racks
Zero 88	Mobile applications
Zero 88	ZerOS software
ALC	Area controllers
ALC	Lighting control modules
ALC	Wallstations
ALC	Sensors
ALC	Interface modules
iLight / iLumin	Source controllers
iLight / iLumin	Wallstations
iLight / iLumin	Touchscreens
iLight / iLumin	Interface modules
iLight / iLumin	Sensors
iLight / iLumin	Time clock
iLight / iLumin	Mobile applications
Greengate	Stand-alone panels
Greengate	Interface modules
Greengate	Wallstations
Fifth Light	Lighting control panels
Fifth Light	Relay panels
Fifth Light	DALI control devices
Fifth Light	DALI wallstations
Fifth Light	DALI sensors
Fifth Light	Lighting management software
Fifth Light	Mobile applications
Wireless	245U-E, 450U-E, 945U-E
Wireless	915U
Outdoor RF	Gateway/manager
Outdoor RF	Gateway
Outdoor RF	RF multi-sensor
Smart Grids	RTU
Protective relays	EDR-3000
Protective relays	EDR-4000
Protective relays	EDR-5000
Protective relays	EMR-3000
Protective relays	EMR-4000
Protective relays	EMR-5000
Protective relays	ETR-4000
Protective relays	ETR-5000
Protective relays	EGR-4000
Protective relays	EGR-5000
ACB trip units	ECAM
Predictive diagnostics	InsulGard communications board

Product line name	Product name
UPS-Single-Phase-Region	Castle 1-3 K
UPS-Single-Phase-Region	EATON DX 1-3 K
UPS-Single-Phase-Region	Castle 6-20 K
UPS-Single-Phase-Region	Claire
UPS-Single-Phase-Region	Claire Vista
UPS-Single-Phase-Region	Spring
UPS-Single-Phase-Region	Vigor
UPS-Single-Phase-Region	Matrix
UPS-Single-Phase-Region	Titan 6-20 K
UPS-Single-Phase-Region	Titan Vista 6-20 K
UPS-Single-Phase-Region	Titan 1-3 K
UPS-Single-Phase-Region	Titan Vista 1-3 K
UPS-Single-Phase-Region	Elite 6-10 K
UPS-Single-Phase-Region	Elite 1-3 K
UPS-Single-Phase-Region	Conquer
UPS-Single-Phase-Region	RT Online
UPS-Single-Phase-Region	Innova Tower LV 1-3 K
UPS-Single-Phase-Region	Innova Tower 1-3 K
UPS-Single-Phase-Region	Innova Tower 6-10 K
UPS-Single-Phase-Region	Innova RT 1-3 K
UPS-Single-Phase-Region	Innova RT 6-10 K
UPS-Single-Phase-Region	Innova Combo 10-20 K
UPS-Single-Phase-Region	Enigma
UPS-Single-Phase-Region	ATS-16
UPS-Three-Phase-Region	Cobra 15K
UPS-Three-Phase-Region	EATON DX 10-20 K
UPS-Three-Phase-Region	Castle 20-80 K
UPS-Three-Phase-Region	EATON 9E 20-80 K
UPS-Three-Phase-Region	Array MP
UPS-Three-Phase-Region	Array 3A3
UPS-Three-Phase-Region	PPM (precision power module)
UPS-Three-Phase-Region	Gripower
UPS-Comms	CMC (Modbus)
UPS-Comms	Relay card
UPS-Comms	Webpower
EMC2	IPM Windows
EMC4J	IPM Windows
UPS-Comms card	NMC
UPS-Comms card	G3 ePDU/HP MA PDU
UPS-Comms card	NMC HP
UPS-Comms card	NMC IBM
UPS-Comms card	NMC DELL
UPS-Comms card	HP Monitored PDU (Glandore)
UPS-Software-NUT	IPP
UPS-Software-PM VA (IBM)	IPM Windows
UPS-Software-UPM VA (HP)	UPM Windows
UPS-Software	HPPP

Product line name	Product name
Solar Inverter	1.5 G single-phase 1.5 kW ~ 6 kW
Solar Inverter	Three-phase 10 kW
Solar Inverter	Three-phase 25 kW, 35 kW
Solar Inverter	ULS1 Series (single-phase 4-7 kW for U.S. market)
Solar Inverter	2G1P (single-phase 1.5 kW ~ 6 kW)
Solar Inverter	2G3P (three-phase 10, 15, 20 kW)
Solar-Comms	Ethernet card
Solar-Comms	2G3P Data Logger 2
Controller	SC100
Controller	SC200
ETI	EVSE AC
ETI	EVSE AC Next Gen Comms
ETI	EVSE AC Next Gen SEC
ETI	Quick DC Next Gen
MVC	XP3
MVC	XP3
Network protectors	VaultGard
Pow-R-Command	PRC5000 controller
Pow-R-Command 2000	PRC750E, 1000E, 1500E, 2000E controller
Substation automation	SMP I/O Rackmount base unit
Substation automation	SMP I/O 2U
AMI (RF)	Eka-Gateway
AMI (RF)	RFN-Gateway 1.5
Controls and relays	CL-7 Voltage Regulator Control
Controls and relays	Form 4D Recloser Control
Controls and relays	SPEAR Recloser Control
Controls and relays	FXD NOVAc Control
Controls and relays	FXD NOVAi Control
Controls and relays	Form 7 Recloser Control
MVA/MVS	Nature Smart Switchgear
AMI (PLC)	CCU721
Cap bank controller	CBC7000
Cap bank controller	CBC8000
Smart Sensor	Theft Advisor
Smart Sensor	Outage Advisor Series II (aka GA2)
AT-S+	Webmodul
ZB-S	Webmodul with Modbus
ZB-S	Webmodul
ZB-S	Charger technology
ZB-S / AT-S + slave luminaires	CU-CG-S / CU-S+ Control Unit
ZB-S / AT-S + slave luminaires	Switch-over units SKU xxx CG-S
ZB-S / AT-S + slave luminaires	Switch-over units SU S+ and SOU xx
ZB-S / AT-S + slave luminaires	DLS/3PH-BUS-Modul
ZB-S / AT-S + slave luminaires	TLS-BUS-Modul
CGLine + luminaires	CG-Controller CGLine
WAVES	IPC
SS motor control	DG1 (Galaxy)

If you are aware of other issues affecting Eaton products or know of products that do not appear on this list, contact the ES Product Cybersecurity at CybersecurityCOE@eaton.com.

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Printed in USA
Publication No. SA152006EN / Z16152
January 2015



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