

Important Security Notification

Security Notification – Power Monitoring Expert, Power Manager, and PowerSCADA Expert Licensing Brick Vulnerability

30-Nov-2016

Overview

Schneider Electric has become aware of a vulnerability in the licensing brick of Power Monitoring Expert, Power Manager, and PowerSCADA Expert. This vulnerability could allow a remote, unauthenticated attacker to potentially execute arbitrary code on the server.

Vulnerability Overview

All these products share a license manager component provided by Flexera. Flexera reported a vulnerability to its FlexNet Publisher, CVE-2015-8277. This vulnerability could permit a buffer overflow which would allow remote attackers to execute arbitrary code.

Product(s) Affected

The products affected:

- Power Monitoring Expert 8.1
- Power Monitoring Expert 8.0
- Power Monitoring Expert 7.2.x
- Power Manager 1.x
- PowerSCADA Expert 8.1
- PowerSCADA Expert 8.0 SR1
- PowerSCADA Expert 7.40
- PowerSCADA Expert 7.30
- PowerSCADA Anywhere

Vulnerability Details

Flexera Software FlexNet Publisher is a software license manager that is part of the Power Monitoring Expert, Power Manager, and PowerSCADA Expert licensing brick. Multiple buffer overflows in (1) Imgrd and (2) Vendor Daemon in Flexera FlexNet Publisher before 11.13.1.2

Important Security Notification

Security Update 1 allow remote attackers to execute arbitrary code via a crafted packet with opcode (a) 0x107 or (b) 0x10a.

Overall CVSS Score: 9.8

CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

Mitigation

To exploit this issue, an attacker would need network access to the Power Monitoring Expert, Power Manager, or PowerSCADA Expert server.

New customers: Schneider Electric has re-released the Power Monitoring Expert 8.1 (all editions), Power Manager 1.2, and PowerSCADA Expert 8.1 installers (ISO).

Existing customers: Schneider Electric strongly recommends that existing customers upgrade their systems as soon as possible. The following is a list of software that is at potential risk to this vulnerability:

- Power Monitoring Expert 8.1: Apply the latest security update. Contact your Schneider Electric representative for assistance.
- Power Monitoring Expert 8.0: Upgrade to the latest release of Power Monitoring Expert 8.1. Contact your Schneider Electric representative for assistance.
- Power Monitoring Expert 7.2.x: A security hotfix is available for Power Monitoring Expert 7.2.2. Upgrade to 7.2.2 version if required and then apply the hotfix. Contact your Schneider Electric representative for assistance.
- Power Manager 1.2: Apply the latest security update. Contact your Schneider Electric representative for assistance.
- Power Manager 1.0 and 1.1: Upgrade to the latest re-released version of Power Manager. Installer. Contact your Schneider Electric representative for assistance.
- PowerSCADA Expert 8.1, PowerSCADA Expert 8.0 SR1, and / or PowerSCADA Anywhere: Apply the latest security update. Contact your Schneider Electric representative for assistance.
- PowerSCADA Expert 8.0, 7.40, 7.30: The Flexera Software FlexNet components were not used in these versions of PowerSCADA Expert. However, as a precaution, we recommend that users uninstall Floating License Manager and License Manager (from Add/Remove Programs), if they have been installed: If needed, contact your Schneider Electric representative for assistance.

Important Security Notification

For More Information

This document is intended to provide an overview of the identified vulnerability and actions required for mitigation. To obtain full details and assistance on how to protect your installation, please contact your local Schneider Electric representative. Your representative will be fully aware of the situation and can support you through the process.

For further information on vulnerabilities in Schneider Electric's products, please visit Schneider Electric's cybersecurity web page at <http://www2.schneider-electric.com/sites/corporate/en/support/cybersecurity/cybersecurity.page>

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