



UR Product Line

Date: September 26, 2016

Classification: Confidential

CVSS: (AV:N/AC:M/Au:N/C:P/I:N/A:P)

ID: UR-2016-000001

Overview

A report by Kaspersky Labs identified a vulnerability in the GE Vernova UR product line that could result in remote code execution, if the attacker had either direct or remote access to the UR device. This vulnerability affects firmware versions 7.31 & 7.32 of the UR family of protection and control products within the MMS protocol implementation due to MMS write operations.

GE Vernova recommends upgrading to firmware version 7.41 to resolve this issue.

Vulnerability Details

A stack based buffer overflow may occur due to MMS write operations that could result in remote arbitrary code execution. This type of vulnerability could be exploited remotely.

The UR family of products with firmware version 7.31 & 7.32 are susceptible to this vulnerability.

Mitigation

GE Vernova recommends that all users update their UR devices to version 7.41 to resolve this issue.

It is recommended that users evaluate their current risk and implement appropriate network security mitigation measures including:

- Minimize network exposure for all control system devices and/or systems, and ensure that they are not accessible from the Internet.
- Locate control system networks and remote devices behind firewalls, and isolate them from the business network.
- When remote access is required, use secure methods, such as Virtual Private Networks (VPNs), recognizing that VPN is only as secure as the connected devices.

GE Vernova Product Security Incident Response Team (PSIRT)

GE Vernova is committed to helping ensure the security of its customer base. To report product security issues and to request security support, contact the PSIRT at www.gevernova.com/security or GEV.PSIRT@gevernova.com.

Product Support

GE Vernova Grid Solutions is committed to the continued support of the UR product line. We appreciate your business and look forward to continuing to grow our relationship.

If you need help with any aspect of your GE Vernova Grid Solutions product, you have a few options:

Search Technical Support

The GE Vernova Grid Solutions Web site provides fast access to technical information, such as manuals, release notes and knowledge base topics. Visit us on the Web at: <https://www.gevernova.com/grid-solutions>

Contact Customer Service

The GE Vernova Grid Solutions Customer Service Center is open 24 hours a day, seven days a week for you to talk directly to a GE Vernova representative.

In the U.S. and Canada, call toll-free: 1-800-547-8629

International customers please call: + 1-905-294-6222

Or e-mail to: ge4service@gevernova.com