ICS-CERT

INDUSTRIAL CONTROL SYSTEMS CYBER EMERGENCY RESPONSE TEAM

ICS-CERT ALERT

ICS-ALERT-10-293-02 - VULNERABILITY IN MOXA DEVICE MANAGER

October 20, 2010

ALERT

SUMMARY

A security researcher has reported a vulnerability in the Moxa Device Manager (MDM).

The MDM is a remote management tool for managing Moxa's embedded computers via the Internet. Moxa's embedded computers are used in the following applications: Renewable Energy, Power Automation, Maritime, and Railway & ITS.

The reported vulnerability is a buffer overflow in the communications protocol utilized by the MDM Tool. ICS-CERT has not verified this vulnerability.

ICS-CERT is reaching out to Moxa to inform them of this vulnerability and to work with them on any necessary mitigations. ICS-CERT will provide additional information as it becomes available.

Please report any issues affecting control systems in critical infrastructure environments to ICS-CERT.

Other resources:

http://www.reversemode.com/index.php?option=com_content&task=view&id=70&Itemid=5

ICS-CERT Operations Center
1-877-776-7585
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ICS-CERT@DHS.GOV

What is an ICS-CERT Alert? An ICS-CERT Alert is intended to provide timely notification to critical infrastructure owners and operators concerning threats or activity with the potential to impact critical infrastructure computing networks.