Mini Bulletin XRX16X
Phaser 3320
General Release 53.006.01.000

Release Date: Sep 2, 2016

Purpose

This Bulletin is intended ONLY for the specific security problems identified below. The problems identified has been rated a criticality level of **IMPORTANT.** This release includes OpenSSL 1.0.2d.

This is a general releases that incorporates fixes from previous SPAR releases as well as new fixes not included in previous releases. This general release includes fixes for:

- SSLv3 POODLE (Padding Oracle on Downgraded Legacy Encryption) vulnerability (CVE-2014-3566) – See Security Mini-Bulletin XRX15AE
- CVE-2015-4000 Logjam Vulnerability in OpenSSL -- See Security Mini-Bulletin XRX16B
- FREAK Vulnerability In OpenSSL (CVE-2015-0204) -- See Security Mini-Bulletin XRX16B
- VxWorks TCP Sequence (CVE 2015-3963) – See Security Mini-Bulletin XRX16B
- MiTM-OpenSSL (CVE-2014-0224) where OpenSSL does not properly restrict processing of ChangeCipherSpec messages, which allows man-in-the-middle attackers to trigger use of a zero-length master key in certain OpenSSL-to-OpenSSL communications, and consequently hijack sessions or obtain sensitive information.

Software Release Details

If your software is higher or equal to the versions listed below no action is needed.

Otherwise, please review this bulletin and consider installation of this version.

Model	Phaser 3320
Firmware version	53.006.01.000
Link to update	Available here

Save the file to a convenient location on your workstation. Unzip the file if necessary.

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Installation instructions:

Ensure that the machine is online before continuing. TCP/IP and HTTP protocols must be enabled on the machine so that the machine web browser can be accessed. Obtain the IP address of the machine you want to upgrade.

Upgrade Steps:

1. Open a web browser from your Workstation.
2. Enter the *IP Address* of the machine in the Address bar and select **[Enter].**
3. Login by clicking on the Login link at the top of the page and enter the Admin ID and Password.
4. Verify that Firmware Upgrade is enabled:
   a. Click on the **[Properties]** tab.
   b. Click on the **[Security]** link on the left
   c. Click on the **[System Security]** link on the left
   d. Click on **[Feature Management]**
   e. Check the **Enable** checkbox for **Firmware Upgrade** and click **Apply**
5. Click on the **[Support]** tab.
6. Click on **[Firmware Upgrade]** on the left.
7. Click on the **[Upgrade Wizard]** button on the upper right hand corner.
8. Locate and select the software upgrade file obtained earlier. The firmware file will have an extension **.hd**.
9. Click **[Next].** The firmware will go through a firmware verification step.
10. Click **[Next]** to start the download process.

Note 1: Please use ASCII characters only in file path.

Note 2: Software Installation will begin several minutes after the software file has been submitted to the machine. Once Installation has begun all Internet Services from this machine will be lost, including this Web User Interface.

Once the download is complete, print a Configuration Report to verify the firmware version.

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