EndRun TECHNOLOGIES
"Smarter Timing Solutions"

SECURITY BULLETIN
SB# 140926
September 26, 2014
(Revised September 30, 2014)

Issue: Linux Bash Shellshock Vulnerabilities
Described here:

http://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2014-6271
http://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2014-6277
http://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2014-6278
http://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2014-7169

Summary:

Some EndRun products are affected by this very serious security vulnerability. Shellshock is a vulnerability in the Linux **bash** shell. Many, but not all, EndRun products use Linux for networking. Find your product in the list below for details.

Products:

Distribution Chassis is NOT affected by Shellshock.

3300-xxxx-xxx	FDC3300 Frequency Distribution Chassis
3301-xxxx-xxx	PDC3301 Pulse Distribution Chassis
3302-xxxx-xxx	FDC3302 High-Performance Frequency Distribution Chassis
3303-xxxx-xxx	TDC3303 Time Code Distribution Chassis

The optional network port on the Distribution Chassis is a Lantronix XPORT-AR. Here is a notification from Lantronix regarding the Shellshock Vulnerability:

> *No current Lantronix commercial "turn-key" Linux-based products exposes the bash command line processor for any purpose.*

Sonoma Time Servers are vulnerable to the Shellshock threat if you have the Web Interface (HTTP) enabled or you have not properly restricted access control. See this Field Service Bulletin for more information: http://www.endruntechnologies.com/pdf/FSB140926-01.pdf

3026-xxxx-xxx	Sonoma D12 Network Time Server (CDMA)
3027-xxxx-xxx	Sonoma D12 Network Time Server (GPS)
3028-xxxx-xxx	Sonoma N12 Network Time Server (CDMA)
3029-xxxx-xxx	Sonoma N12 Network Time Server (GPS)

The products listed below are vulnerable to the Shellshock threat if you have the Web Interface (HTTP) enabled or you have not properly restricted access control. See this Field Service Bulletin for more information: http://www.endruntechnologies.com/pdf/FSB140926-02.pdf

3014-xxxx-xxx	Tempus LX CDMA Network Time Server
3015-xxxx-xxx	Tempus LX GPS Network Time Server
3016-xxxx-xxx	Unison CDMA Network Time Server
3017-xxxx-xxx	Unison GPS Network Time Server
3018-xxxx-xxx	Tempus LX CDMA Network Time Server (Japan)
3019-xxxx-xxx	Meridian Precision GPS TimeBase
3020-xxxx-xxx	Tycho CDMA Frequency Reference
3021-xxxx-xxx	Tycho GPS Frequency Reference
3025-xxxx-xxx	Meridian CDMA Frequency Reference

The products listed below are vulnerable to the Shellshock threat if you have not properly restricted access control. See this Field Service Bulletin for more information:
http://www.endruntechnologies.com/pdf/FSB140926-03.pdf

3003-xxxx-xxx	Praecis Cntp Network Time Server
3005-xxxx-xxx	Praecis Gntp Network Time Server
3007-xxxx-xxx	Praecis Cntp Network Time Server
3009-xxxx-xxx	Praecis Gntp Network Time Server
3012-xxxx-xxx	Tempus Gntp Network Time Server
3013-xxxx-xxx	Tempus Cntp Network Time Server

'x' is a variable number.

Contact Information:

Feel free to contact us if you have any questions or need help.

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