

# SECURITY BULLETIN

SB# 141222

December 22, 2014

## Issue: NTPd Remote Query and Crypto Vulnerabilities

Described here:

<https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2014-9293>

<https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2014-9294>

<https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2014-9295>

<https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2014-9296>

## Summary:

NTPd versions prior to 4.2.8 are vulnerable. EndRun products have versions prior to that. However, there will be no immediate firmware upgrade because these vulnerabilities are minor and easily mitigated. Also, products shipped after September 2011 are NOT vulnerable unless you have changed the default configuration in the *ntp.conf* file. If you have an older product, or if you have changed the *ntp.conf* file, then please see the appropriate section below.

As always, we recommend all customers implement Security Best Practices as described in the paper below. It was written for the Sonoma time server but instructions are similar for the older models:

<http://www.endruntechnologies.com/pdf/AppNoteSecurity.pdf>

## Products:

**Sonoma Time Servers are NOT vulnerable unless you have changed the *ntp.conf* file to allow remote query or crypto. See this Field Service Bulletin for more information:**

<http://www.endruntechnologies.com/pdf/FSB141222-01.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 if they were shipped before September 2011. See this Field Service Bulletin for more information:**

<http://www.endruntechnologies.com/pdf/FSB141222-02.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
3025-xxxx-xxx	Meridian CDMA Frequency Reference

**The products listed below are vulnerable if you have not properly restricted access control. See this Field Service Bulletin for more information:**

<http://www.endruntechnologies.com/pdf/FSB141222-03.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

**Tycho and all Distribution Chassis are NOT affected because there is no NTP.**

3020-xxxx-xxx	Tycho CDMA Frequency Reference
3021-xxxx-xxx	Tycho GPS Frequency Reference
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

'x' is a variable number.

## Contact Information:

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

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