

Technical Bulletin CS-15-05

PIVOT Security Vulnerability Update - “FREAK”

This technical bulletin explains the “FREAK Attack” security vulnerability and how it impacts Spectralink 87-Series Handsets.

System Affected

Spectralink 87-Series Handset (PIVOT)

Description

The so-called FREAK attack – short for Factoring attack on RSA-EXPORT Keys – uses a type of man-in-the-middle attack to monitor traffic passing between vulnerable end user devices and servers. The attacker can inject malicious packets into that communication flow to force the connection to use weak encryption keys for the session. The attacker could then use cloud-based computing resources to discover the site’s private key and then masquerade as that site to the client(s).

This vulnerability is indexed as CVE-2015-0204 in the National Cyber Awareness System. It has been identified to affect devices running Android operating systems which impacts the Spectralink PIVOT handset. However, this attack requires that the attacker and vulnerable device be connected to an unsecured “hotspot” type network. It is highly unlikely that any customer environment will allow PIVOT handsets to connect to these unsecure public networks.

Regardless, Spectralink is committed to ensuring a safe and secure product and user experience and takes all security seriously as a Google partner. This vulnerability will be corrected in future software releases of PIVOT handset software as availability of patches become available from Google.

For more information about this vulnerability, please visit the NCAS website at:
<https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2015-0204>

If you have questions or need assistance with updating your devices, please contact your Spectralink Authorized Reseller or Spectralink Distribution Partner for assistance.

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