KODAK HEALTH IMAGING SECURITY BULLETIN

Kodak Healthcare Information Systems (PACS & RIS) Product Security Bulletin – Download.Ject Security Issue

Kodak Products Affected:
System 4 PACS Display
System 5 PACS Display (Microsoft Windows based)
RIS 2010
RIS v7
VIParchive Web Clients

Recent Vulnerabilities Reported By Microsoft. Microsoft has confirmed a report of a security issue known as Download.Ject affecting customers using Microsoft Internet Explorer, a component of Microsoft Windows; and has released a configuration change for Windows XP, Windows 2000, Windows Server 2003, Windows Millennium Edition, Windows 98, and Windows 98 Second Edition to address this issue. Kodak recommends that customers immediately download and install this update for the PACS, RIS and Archiving products identified above. This configuration change is targeted to improve system resiliency to protect against the Download.Ject attack.

Customers should contact their Kodak Service Representative for assistance in changing the configuration to Internet Explorer, Windows XP, Server 2003 and 2000 operating systems. The recommended download (Windows-KB870669-x86-ENU.exe) disables ADODB.Stream object for Internet Explorer. The Kodak Service organization will provide support for customers who choose to request assistance for these products. This will include the appropriate configuration change and verification for the products involved.

Customers also have the option of choosing to download and change the configuration of the Windows XP, Server 2003 and 2000 operating systems on their own, but do so at their own risk. Microsoft has detailed the necessary procedures for customers choosing to perform these changes themselves, and recommend you should contact your System Administrator. Disregarding the documented procedures may result in extended downtime, performance degradation, increased service costs, and may place patient data at risk of compromise of its integrity or of its confidentiality. Repairs completed by Kodak Service personnel that are a direct result of customer installation of this security update will be charged on a time and material basis.

Kodak HCIS Product Implications

Kodak's Network Vulnerability Protection lab has performed analysis on this latest attack of Download.Ject (also known as: JS.Scob.Trojan, Scob, and JS.Toofeer.) on IIS 5.0 and Windows 2000 Server. Kodak PACS System 4, PACS System 5, RIS 2010 and VIParchive clients that use Internet Explorer are potentially susceptible to this attack. Users may be affected by using Internet Explorer to visit affected Web sites. Kodak also recommends the installation of MS04-011 and the Windows-KB870669-x86-ENU.exe patches to reduce or remove the risk of being affected.

Warning: Microsoft recommends that only system administrators complete these changes for the Internet Explorer, as these changes, may reduce some functionality for some Windows programs and components. Before you make these changes in a production environment, test the changes extensively to verify that mission-critical programs continue to work correctly for all users. **Note: Kodak has validated that these patches and the installation does not interfere with the operation of your Kodak products.**