Viewer USB Technical Characteristics

FMAudit Viewer USB is a Rapid Print Assessment™ offering, which takes a unique approach to performing Print Assessments and Periodic Meter Reading. It identifies print assets, captures their associated meters and for some devices, illustrates toner coverage. This document is designed to answer some technical aspects when performing a Rapid Print Assessment™.

How it Works

USB Key:
FMAudit Viewer software is installed and licensed on a company approved USB Key. When plugged in to a recipient computer, this key will launch as a removable drive. The FM Audit Viewer software is run directly from this key.

* NOTE - NO software will be installed at your location.

Running the Software:
FMAudit software, run directly from the USB Key, will discover a "snapshot" of information about your printing environment. It will not pull information from anything other than printing devices. Once the key has been removed, no remnants of this program will remain on your system.

Discovery Process:
FMAudit discovers devices by sending out a general broadcast on the local area network using SNMP. Any networked devices respond with their specific IP address to this request, in addition to the patented FMAudit local workstation service that supports printers attached via parallell or USB. FMAudit uses a highly compacted query that filters and optimizes any further network traffic to printers alone. The amount of network traffic is minimal as a result.

If there are concerns about network traffic, please feel free to run diagnostics on traffic during the audit process.

Communication:
After discovering information about your printing environment, FMAudit will save that data to the USB Key. Data is not transferred to any other location. At no time is there any communion with the internet or any other location.

If there are concerns about data transfer, please feel free to provide a computer that does not have internet access.

Information Written

FMAudit can only pull information from printing devices. It can not look at any files that reside on the network. The information that is written to the USB Key is as follows:

IP Address
Manufacturer of print device
Model of print device
Serial # of print device
Various meters of print device

No other information is written to the USB Key.

If there are security concerns, please feel free to run program on a restricted user account, and check on data pulled.

Requirements

Network Settings:
The computer must be assigned an IP address (DHCP or manual) on the local subnet.

SNMP Settings:
SNMP must be enabled on the networked Printers and MFP's. SNMP must be enabled throughout the network points which require access (firewalls, routers).

Firewall Settings (LAN):
FMAudit will discover and communicate with all devices on the Local Area Network, without any reconfiguration of your existing firewall settings.

*NOTE - The computer which is being used for the audit does NOT require administrative rights, as there is no installation of software.

Manufacturer Support

- ☑ HP
- ☑ Brother
- ☑ Canon
- ☑ Danka
- ☑ Epson
- ☑ Fujitsu
- ☑ Gestetner
- ☑ Hitachi
- ☑ IBM
- ☑ IKON
- ☑ Imagistics-Pitney Bowes
- ☑ Konica-Minolta
- ☑ Kyocera-Mita
- ☑ Lanier
- ☑ Lexmark
- ☑ Muratec
- ☑ OCE
- ☑ OKI Data
- ☑ Panasonic
- ☑ QMS
- ☑ Ricoh
- ☑ Savin
- ☑ Sharp
- ☑ Tektronix
- ☑ Toshiba
- ☑ Xerox

Virus Protection Concerns

FMAudit files are digitally signed. During application launch the file integrity is first validated. In the event a file has been modified, the application will abort the process, thereby preventing the execution of potential viruses.

*NOTE - For additional assurance, antivirus software will commonly check the contents of the USB Key upon being plugged into the computer.

FMAudit™

June 2006

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FMAudit™

June 2006

Q: What are you doing on my network?

A: FMAudit Viewer discovers print devices by sending out a general broadcast on the local area network using SNMP. Any networked devices respond with their specific IP address to this request, in addition to the patented FMAudit local workstation service that supports printers attached via parallell or USB. FMAudit Viewer uses a highly compacted query that filters and optimizes any further network traffic to print devices alone.

Q: How do I know there are no viruses on your key?

A: FMAudit files are digitally signed. During application launch the file integrity is first validated. In the event a file has been modified, the application will abort the process, thereby preventing the execution of potential viruses. For additional safety, the keys may be checked with antivirus software.

Q: How heavy is the traffic?

A: Due to the highly compacted protocols used, the amount of network traffic is minimual. For additional information, please monitor your network traffic during the audit.

Q: How do I know you are not loading any software?

A: FMAudit Viewer software is installed and licenced on a company approved USB Key. When plugged in to a recipient computer, this key will launch as a removable drive. The FM Audit Viewer software is run directly from this key.   For additional security, please provide a computer without adminstrative access.

Q: How do I know you are not tracking any confidential data?

A: FMAudit can only pull information from printing devices. It can not look at any files that reside on the network. The information that is written to the USB Key is as follows:

IP Address
Manufacturer of print device
Model of print device
Serial # of print device
Various meters of print device

No other information is written to the USB Key.

For additional security you may run FMAudit Viewer on a computer that does not have access to any files.

Q: How secure is it?

A: FMAudit Viewer will only scan your network. At no time is there any communtion with the internet or any other location.

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- ☑ Fujitsu
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