



Spectra AV – Technical Specifications

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Network

Network Topology

Minimum 100 Mbps Ethernet.

Encryption for Internet Access

MediaOcean uses 2048 bit encryption for Internet access.

Internet Connectivity

As a security measure to protect MediaOcean and customers of MediaOcean, it is required that an Internet Firewall be present at any customer or vendor site that has Internet connectivity.

For connectivity to MediaOcean via the Internet, the following ports must be opened and remain open going forward:

- TCP Port 992 (for MediaOcean Secure Telnet applications)
- TCP Port 515 (for printing)
- TCP Port 22 (for Third-Party Check Writing)

Note: Ports need only be open to a single MediaOcean IP Address.

Desktops

PC Software Supported

Operating System:

- Windows 10
- Windows 8.1

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Adobe Reader:

- Version 9 Minimum

Java Plug-In:

- Oracle Version 8, most current update

PC Hardware Requirements

Speed:

- Minimum 1.8GHz

Hard Drive:

- 100MB of available disk space (dependent on modules installed)

Memory:

- 4GB Recommended

Monitor Resolution:

- 1024x768 Minimum

Mac Software Supported

Operating System:

- Mac OS X Sierra
- Mac OS X El Capitan
- Mac OS X Yosemite **Adobe Reader:**
- Version 9 Minimum

Java Plug-In:

- Oracle Version 8, most current update

Mac Hardware Requirements

Speed:

- Minimum Intel Core i5 **Hard Drive:**
- 100MB of available disk space (dependent on modules installed)

Memory:

- 4GB Recommended

Monitor Resolution:

- 1024x768 Minimum

Other:

- Validate “Documents” Folder on Root Drive exists *and* that the user has read/write authority. (This is not a

standard folder for a Mac.)



Miscellaneous

Browser Requirements (Both Mac and PC)

All Web-Enabled Products

- PC - Microsoft Internet Explorer 11
- Mac - Safari 11.1.2
- Browser setting for cookies must be enabled
- When using a proxy server, please confirm that the proxy server is not caching av.mediaocean.com
- When using a pop-up blocker, pop-ups must be allowed from mediaocean.com

Electronic Learning Requirements

- Fast Internet Connection
- Speaker Phone (to have hands free for keying)
- PC or Mac

Access from Home

- Broadband Connection Recommended **Desktop**

Emulation Software

- The supported protocol is TCP/IP. Mediaocean recommends Mochasoft® Mocha TN5250 emulator.
- The recommended tool for Macs is Mocha Mac TN5250. Both Emulators can be purchased from Mochasoft's website: www.mochasoft.dk/tn5250.htm

Logo Requirements (for Optio Forms)

- 300 DPI (900x300 only)
- BMP format preferred (TIF or GIF accepted if BMP not available)
- Logos no more than 1 ½ inches high

Logo Requirements (for PDF Forms)

- Logos to be at 300 DPI
- JPG or .GIF format only
- Maximum file size is 65k

Sizing Files (for PDF Forms)

1. Determine the desired printed size in inches
2. Multiply the height of the logo in inches by 300 (the DPI of the image).
3. Multiply the width of the logo in inches by 300 (the DPI of the image).

Example: For a 1" by 3" logo, the image must be 300 H (1" x 300) x 900 W (3" x 300) pixels to appear at 300 DPI on the Browser form.

Printers

Most printing of reports and forms can be accomplished by using laser printers. Duplex printers are required to print double-sided forms. Check with Mediaocean Spectra AV Technical Services before your final printer purchase.