

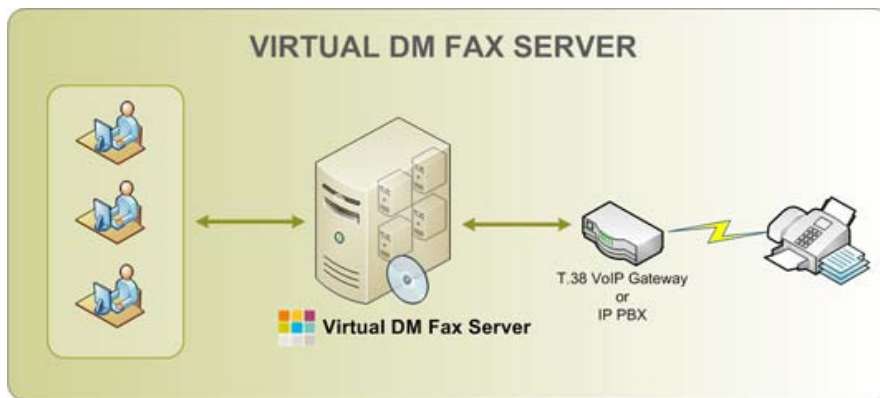
# IMECOM VIRTUAL DM FAX SERVER

Migrate your network fax services from traditional server machines to a virtual server platform with Virtual DM Fax Server solutions

DATASHEET

## OVERVIEW

Server virtualization is quickly becoming the standard in networked environments. Corporations are shifting from physical servers and client-side applications to virtual server platforms like VMware, Microsoft Hyper-V, and Citrix. Imecom has good news! It is now possible to migrate enterprise fax services to a virtual server platform with the Imecom Virtual DM Fax Server.



## FEATURES & BENEFITS

- Reduce software and hardware costs
- Less physical equipment to purchase and manage - virtual fax servers are entirely software-based
- Improve business continuity
- Reduce total cost of ownership (TOC)
- Leverage existing virtual server platforms and architecture investments
- Leverage IP Telephony for additional cost savings
- Reduce power consumption
- Reduce heat production
- Greatly improve server reliability
- Supports Microsoft Windows Server 2008/2003/2000 32-bit and 64-bit Editions
- No client software to deploy
- Minimal-to-no user training required
- LDAP connectivity to Microsoft Active Directory, Novell eDirectory, Lotus Domino Directory, and many other LDAP-compliant directory systems

## ABOUT IMECOM GROUP

Imecom Group began developing and selling fax server software and image conversion/printer driver software in 1989. Headquartered in New Hampshire, Imecom Group presently supports over 12,000 solutions in 62+ countries, and we're growing fast. As we continue to reach new technology levels, one thing remains constant: excellent customer support. Imecom Group maintains the highest quality level of customer support services in our market. It is one of the many reasons companies such as Alticor, Sears, Cigna, Johnson & Johnson Healthcare, Cerner, and others choose to implement our technology. We do not, and will not, forget that it is our customers who help us be successful.

Imecom Group's main products and solution include the DM Fax Server, part of the Use it Messaging product family, and Print-2-Image. DM Fax Server is a true enterprise network fax server solution that offers desktop faxing, email to fax and fax to email capabilities, and numerous fax and e-document delivery integrations for everyday applications. Print-2-Image is a robust image conversion software solution that functions like a printer and provides fast, high-quality image rendering.

Imecom Group's products and support services introduce newer, more efficient ways to process, deliver, and receive mission-critical information, resulting in improved productivity and increased cost savings.

**IMECOM**  
Reinventing Reliable

## HOW DOES IT WORK?

### Architecture

The Imecom Virtual DM Fax Server utilizes the Dialogic Brooktrout SR140 virtual-mode fax board software and therefore can be implemented in a virtual server environment. The SR140 software replaces the traditional PCI-based fax card with virtual fax board software. Fax traffic is routed over IP to an T.38 compatible IP-PBX or VoIP gateway - for free. The SR140 software is compatible with many leading IP telephony and VoIP equipment vendors, including Cisco, Avaya, Nortel, Siemens, 3com, AudioCodes, and Dialogic.

### Client-Side Virtualization

The Virtual DM Fax Server can be implemented in Terminal Server and Citrix environments for speedy deployment. End users can send and receive faxes from their thin client or virtualized clients just as easy as if they had a physical PC.

### Supported Server Virtualization Platforms

- VMware ESX Server
- Microsoft Hyper-V

## IP TELEPHONY COMPATIBILITY

The following IP Telephony and Network Access Services have been tested and certified for interoperability with the Virtual DM Fax Server system. Required protocols include T.38 and SIP or H.323.

For a complete list of interoperable products and services, including specific protocol and version/release information, please visit the [FoIP Compatibility Page](#) on our website.

If you do not see your equipment or service listed, it does not necessarily mean that it is not interoperable with the Virtual DM Fax Server. Imecom is open to testing new products for interoperability. Contact your sales representative for more information.

### IP-PBX and VoIP Gateways

- Aastra Ericsson MX-ONE
- Alcatel OmniPCX Enterprise and OmniPCX Office (OXO)
- AudioCodes Mediant and MP-114
- Avaya Communication Manager and Avaya Media Gateway Services
- Cisco Unified Communication Manager (Unified CallManager), Cisco Integrated Services Router, Cisco AS Universal Gateway Series, and Cisco High Performance Gatekeeper Series
- Dialogic DMG 1000, 2000, 3000, and 4000 Series and Dialogic IMG 1010 \*
- Linksys SPA 8000 Gateway
- Mitel 3300 MXe
- MultiTech MVP210
- Nortel Communication Server 1000
- Quintum Tenor Series
- Siemens HiPath 8000 and Siemens RG8702 Media Gateway
- ShoreTel IPBX/Gateway Release 10
- 3Com VCX v7000 and 3Com Media Gateway

\* Imecom Group sells Dialogic analog and digital media gateways. Ask your sales representative for more information and pricing.

### Network Access/SIP Trunking Services

- Global Crossing
- Broadvox

## System Requirements

### DM FAX SERVER HARDWARE REQUIREMENTS

Recommended	Minimum
<ul style="list-style-type: none"> <li>• Intel Pentium IV (or equivalent) 2GHz Processor</li> <li>• 1 GB RAM</li> <li>• 40 GB Hard Disk</li> <li>• Network Interface Card (NIC)</li> <li>• VGA adapter and monitor</li> <li>• CD-ROM Drive</li> </ul>	<ul style="list-style-type: none"> <li>• Intel Pentium III (or equivalent) 500MHz Processor</li> <li>• 512 MB RAM</li> <li>• 20 GB Hard Disk</li> <li>• Network Interface Card (NIC)</li> <li>• VGA adapter and monitor</li> <li>• CD-ROM Drive</li> </ul>

### SUPPORTED OPERATING SYSTEMS

DM Fax Server – Server Software	DM Fax Server – Client Applications
<ul style="list-style-type: none"> <li>• Windows Server 2008 Enterprise Edition (x32 and x64)</li> <li>• Windows Server 2008 Standard Edition (x32 and x64)</li> <li>• Windows Server 2008 Cluster (x32 and x64)</li> <li>• Windows Server 2003 Enterprise Edition (x32 and x64)</li> <li>• Windows Server 2003 Standard Edition (x32 and x64)</li> <li>• Windows Server 2003 Cluster (x32 and x64)</li> <li>• Windows 2000 Advanced Server</li> <li>• Windows 2000 Server</li> </ul>	<ul style="list-style-type: none"> <li>• Windows 7 (x32 and x64)</li> <li>• Windows Vista (x32 and x64)</li> <li>• Windows XP Professional SP2 (x32 and x64)</li> <li>• Windows 2000 Professional SP2</li> </ul>

### VMWARE \*

Dialogic Brooktrout SR140	VMware
<ul style="list-style-type: none"> <li>• SR140 SDK 5.1.3 or later (TR1034 is not compatible with VMware at this time)</li> <li>• VMware ESX Server version 3.0.1 or later within the 3.0.x product line or ESXi Server 4.0.0 or later using Windows</li> <li>• Windows Server 2008 Enterprise &amp; Standard Editions</li> <li>• Windows 2003 Enterprise Edition, Service Pack 2</li> <li>• Windows 2003 Standard Edition, Service Pack 2</li> <li>• Windows 2000, Service Pack 4</li> </ul>	<p>The VMware virtual environment created for SR140 must meet SR140 minimum requirements as well as the minimum processor emulated by VMware, which is the Xeon processor. Therefore, the minimum requirements of the virtual machine presented to SR140 are:</p> <ul style="list-style-type: none"> <li>• Single Xeon Processor - 2 GHz</li> <li>• 512 MB memory</li> </ul> <p>This results in approximately 15% CPU utilization when running 120 simultaneous SR140 faxes.</p>
<p>* The Dialogic Brooktrout SR140 must be used in order to run the DM Fax Server on a VMware platform. Traditional PCI-based fax cards are not supported.</p>	

### SUPPORTED FAX BOARD PRODUCTS

Dialogic Brooktrout
<ul style="list-style-type: none"> <li>• TR1034 Series - T1, PRI, E1, BRI, Analog, and Analog DID fax boards</li> <li>• SR140 Series - "Boardless" fax board software</li> <li>• TruFax Series - Analog fax boards</li> </ul>

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