



Mida TerraFaxPro

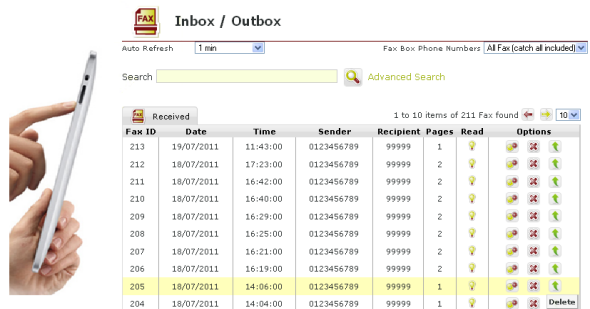
Overview

TerraFaxPro is the **IP Fax Server (FoIP)** application offered by Mida Solutions. It is based on the world leading Dialogic® Brooktrout® SR140 fax software and can manage incoming and outgoing faxes with a very simple and efficient interface, allowing everyone to have a **virtual fax box** on their desktop PC.

Distributed as virtual appliance (preinstalled software on a virtual machine), Mida TerraFaxPro can scale from 2 to 120 simultaneous channels.

The overall application can be managed through its intuitive web portal, which ensure extreme simplicity and scalability.

By this, Mida TerraFaxPro is a true **plug & play** IP fax server, suitable for any organization, such as small offices, multi-site organizations, **multi-tenant** large enterprise or carrier offers.



Why Deploy a Fax Server

Mida TerraFaxPro enables customers to implement their existing technologies with proven and tested FoIP servers in their networks.

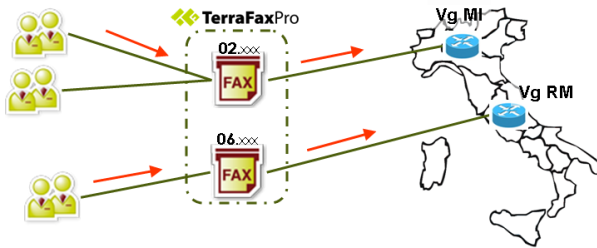
Its main advantages are:

- **Reduce maintenance and management costs** by substituting multiple fax machines with just a single unit completely integrated with the existing IP infrastructure.
- **Reduce operating costs** by eliminating analog fax lines, lowering long-distance fax bills through least-cost-routing and allowing excellent economy of scale with VoIP gateways and centralized fax servers.
- **Increase efficiency** with smart process flows to create, receive, route, review and approve documents.
- **Lower labour costs** by automating manual tasks like sending, receiving and digitalizing fax.
- **Comply effectively with business requirements** by providing electronic document storage and management, automated delivery, receipt confirmation, and security.

Mida Solutions

How it Works

Mida TerraFaxPro manages incoming and outgoing faxes with a very simple and reliable interface, allowing to have a virtual **fax box** on any desktop PC; anyone can send and receive faxes from anywhere just using a standard email client, a web browser or a smartphone supporting emails.



The system allows to define multiple fax boxes (virtual fax box), each one with a **dedicated phone number**, typically used with DDI (direct dial inward).

Single users can be assigned to one or more fax boxes or multiple users can be assigned to a single fax box; thus TerraFaxPro can be adapted to any organization and structure. E.g. outgoing faxes can be sent through different voice gateways or proxies depending on the used fax box.

Administrators can assign multiple users to a given fax box and give them different permission levels such as send, read, email to fax, notification, etc.

Faxbox User	In	Out	User email			
admin	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	mark.steel@midasolutions.com	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Mark	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	john.smith@midasolutions.com	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SmithJ	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Each user can access the application through a simple and intuitive web interface. After logging in, users can manage their own profile and read and send fax documents (according to their permission level).

Mida TerraFaxPro delivers fax over IP capabilities, according to the T.38 standard protocol. It is based on the world leading Dialogic SR140 Fax Software, supports **H.323** or **SIP** signaling protocols and can scale from **2 to 120 simultaneous fax channels** per server.

TerraFaxPro supports also **G.711 pass through** and **T.38 fall back to pass through**; therefore, it can be deployed even in environments where the T.38 is not fully available.

Tel: +39 049 760 185
Fax: +39 049 870 8721

Email: info@midasolutions.com
LinkedIn: <http://www.linkedin.com/company/mida-solutions-s.r.l.>

www.midasolutions.com

Page: 2 of 7

Mida Solutions s.r.l
Via San Crispino, 46
35129 Padova
Italy



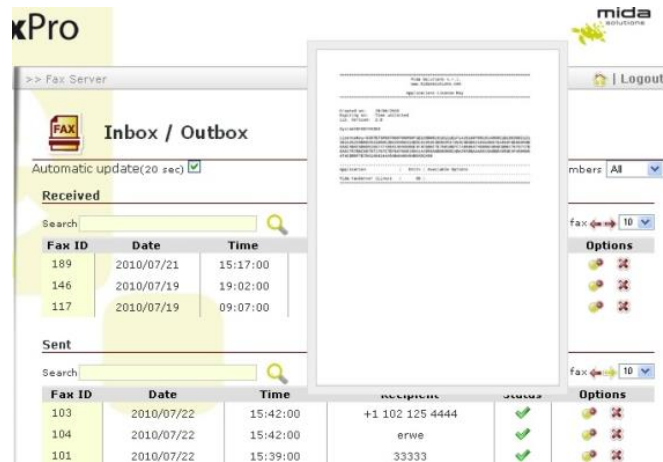
P/N: DMTF0103DS00EN0007

TerraFaxPro main features

Mida TerraFaxPro main features are:

Incoming faxes:

- Faxes received **directly into users' fax box**, based on called number (DNIS)
- Incoming faxes can be automatically **sent via email** (PDF attachment) to all the fax box users
- **No need to install** hardware or software clients on users' PCs
- **Caller information** (i.e., CLI) are attached to the forwarded email with a clear format.
- **Received faxes** can be accessed through **users' mailbox, email client** (unified messaging) or through the **Web portal**; this last one provides advanced functionalities such as a simple preview on received and sent faxes, "google like" search options, etc.



Outgoing faxes:

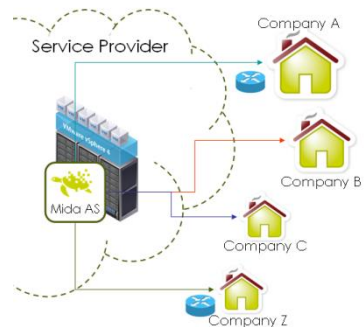
- **Wide range of supported formats:** Adobe PDF, Microsoft Word, Excel, PowerPoint, Postscript TIFF, plain text, etc.
- Fax documents **can be sent from the web portal or from standard email clients**, just uploading the document to be sent out or attaching it to an email using a proper format (see supported format above). By this, faxes can be sent almost from everywhere.
- **Quick Send** page, to send a fax in a few steps.
- **Centralized directory**, allowing quick and easy fax sending. Contacts can also be grouped into lists so that multiple destination faxes can be easily managed (Fax broadcasting).
- Faxes can be **scheduled** at a given time of the day.
- **Fax delivery result notification** is provided via email to the sender.

Mida Solutions

- **Fax covers** can be used optionally or automatically.
- Each fax box can point to the default proxy/gateway or can have a specific proxy address, thus allowing an easy implementation of **user based routing** for outgoing faxes
- Each fax box can use specific data such as TSI, tag line, etc.

Administration Web console:

- **All the system parameters can be configured and administrated from the web interface** (i.e., speed, paper format, company name, etc.).
- **In/out fax queue status can be displayed**, giving access to sent, archived and received faxes.
- **Detailed activity logs** (system administrator can see all activity traces, including fax sending attempts from the Web interface).
- **Company contacts and distribution lists upload** (available from CSV files).
- **Company policies compliant** (the system can be easily managed and administrated in case of specific needs. Optionally, it can be enabled users' LDAP v3 authentication by means of the system Active Directory authentication option).
- **Multi-tenancy module can be installed** (allowing various companies to be served by the same application server. This solution is particularly useful for Service Providers and large enterprises).



Solution Benefits

Mida TerraFaxPro is a fax server available on virtual appliance. This approach provides many advantages:

■ Fast deployment and easy maintenance

- No need to install operating systems and software or to run a setup
- Seamless integration in company existing technologies, supporting the standard virtualization infrastructures commonly used in modern IT solutions
- A new virtual machine can be activated in a few minutes
- Deployment time and effort greatly reduced

■ Plug-and-Play Solution

- Turnkey solution
- Pre-Installed software applications
 - *Enabling multiple channels is just a license key upgrade*
- Installed like any other networking device
 - *When the device is switched on, it works immediately*
 - *Network and application parameters are configured using a simple and user friendly web interface (below the system control panel example)*

- The virtual appliance can be managed like a standard home router, optimizing deployment and installation time.



Dialogic SR140 Enabling Technology

Dialogic SR140 is a software-only solution leveraging the field-proven Dialogic® Brooktrout® fax protocol to deliver the same high levels of performance, reliability, and scalability as Dialogic® Brooktrout® TR1034 Fax Boards.

Dialogic delivers time-tested industry-leading fax technology worldwide, offering the same high performance on both its board-based and software-only FoIP products.

Brooktrout FoIP products leverage the existing Dialogic® Brooktrout® T.30 Stack, **successfully used for more than two decades**, combining it with Dialogic's first-to-market V.34 T.38 implementation, allowing fax data transmission up to 33.6 kpbs.

TECHNICAL INFORMATION

Mida TerraFaxPro is part of the [Mida eFramework UC App Suite](#) (www.midasolutions.com/products/).

To Ensure stable client server connections and a high quality service, the server hosting Mida eFramework virtual appliance has to be connected to the local LAN with proper QoS and guaranteed bandwidth.

Mida server and client PCs have to be connected to the same LAN of the IP phones and of the IP-PBX(s). The server has to be reachable from the end-user PCs.

Software distribution

The server platform is distributed as preinstalled virtual appliance. Mida Solutions distributes its Virtual Machines using standard OVA/OVF formats.

Supported platforms and hypervisors are:

- vmware ESXi 4.x, 5.x or 6.x (VMware vSphere Hypervisor)
- KVM (latest version)

A Mida License is required to activate the Software. The Virtual Appliance is completely manageable from an easy and intuitive web portal. Please refer to the hypervisor vendor documentation for further information.

Mida virtual appliance can be downloaded also from

www.midasolutions.com/download/



IP Interoperability

For further details, please refer to www.midasolutions.com/generalcompatibility/.

Mida TerraFaxPro does support native configurations with multiple voice gateways for outbound traffic (e.g. different caller ids depending on the site). Please refer to Mida Solutions support for further information on its multi-site support.

Proper clock synchronization on the voice gateway impacts on the fax transmission quality (no frame sleep shall occur). Proper QoS parameters shall be set up for fax traffic.

Mida TerraFaxPro can also be deployed on traditional (TDM) networks by just connecting the product with one of the supported voice gateways; please contact Mida Solutions for further details.

Email Server Integration

Mida TerraFaxPro can be integrated with any email server that supports the following standard protocols:

- SMTP
- POP3 (also SSL)
- IMAP (also SSL)

Therefore, Mida TerraFaxPro can interwork with Microsoft Exchange email server and Lotus Domino using standard protocols.

Mida Solutions

Printer Integration

Mida TerraFaxPro can automatically print received faxes. The solution supports linux kernel v.2.6.18 and printers compatible with CUPS driver v1.3.7. The network printer must be accessible by the fax server. It's also possible to assign a printer to each fax box.

Technical Specifications

The server supports the following file formats: .bmp, .doc, .docx, .gif, .jpeg, .jpg, .pdf, .pps/.ppt, .ppsx/.pptx, .ps, .rtf, .tiff, .txt, .xls, and .xlsx.

For details on Mida TerraFaxPro compatibility with the most used web browsers, please refer to www.midasolutions.com/browsercompatibility/.

For further details, please refer to www.midasolutions.com/generalcompatibility/.

Tel: +39 049 760 185
Fax: +39 049 870 8721
Email: info@midasolutions.com
LinkedIn: <http://www.linkedin.com/company/mida-solutions-s.r.l.>

www.midasolutions.com

Page: 7 of 7

Mida Solutions s.r.l
Via San Crispino, 46
35129 Padova
Italy



P/N: DMTF0103DS00EN0007