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**BIURO**

ul. Wita Stwosza 7 pok. 11  
40-040 Katowice  
Tel. 324940690 / Fax. 324940699  
e-mail: [biuro@pjptelecom.pl](mailto:biuro@pjptelecom.pl)

**DANE DO FAKTURY**

PJP Telecom  
ul. Kredytowa 15/63  
40-562 Katowice, Polska  
NIP: PL 634-118-45-82

# Alcatel-Lucent OmniTouch 8450 Fax Software

RELEASE 6

The Alcatel-Lucent OmniTouch™ 8450 Fax Software yields a significant return on investment and costs appreciably less than leading legacy fax server solutions by using “board-less” Fax over IP (FoIP) technology. This scalable, full featured, software only FoIP solution is ideal for enterprises that are realigning their business processes and workforce to use newly adopted IP environments. The board-less OmniTouch 8450 Fax Software supports mobility and faxing anywhere, anytime.



The OmniTouch 8450 Fax Software integrates seamlessly with voice over IP (VoIP) technology and the T.38 fax relay capabilities of leading Alcatel-Lucent VoIP gateways. It is available as an independent application as well as part of the Alcatel-Lucent OmniTouch 8400 Instant Communications Suite for Enterprise, thus enriching unified messaging with faxes in addition to e-mail and voice messaging.

Our third party application partner, Sagem Communications, completes our fax offer with a fast, secure and robust IP fax software solution. This solution has proven its market leadership in board-less T.38 FoIP by being ranked number one for five consecutive years in the global IP fax market plus receiving numerous IP telephony awards.

## Features

- Provides a full software-based solution with Red Hat® Enterprise Linux® environment on the server side
- Supports SIP/T.38

- Enables transmission and receipt of faxes from:
  - ↳ Anywhere through secure web access
  - ↳ Any SMTP-based e-mail messaging system (advanced features through user forms are available for Microsoft® Outlook® messaging software and IBM® Lotus Notes® mailbox)
  - ↳ Any desktop application through a virtual fax printer
- Assures system management from anywhere through secure web administration
- Enables enhanced survivability through server high availability (N+1) mechanism

## Benefits

- Hardware-agnostic and easy to deliver because it is a pure software solution
  - ↳ Provides seamless IP-PBX integration and virtual machine support through the Alcatel-Lucent Business integrated Communication Solution (BiCS)
  - ↳ Allows co-hosting of software on the same server as the OmniTouch 8400 Instant Communications Suite

- Improves collaboration and productivity
  - Manages large fax volumes and delivers high levels of scalability, reliability and availability
  - Offers document communication, processing and storage
  - Streamlines business workflow
  - Improves customer interaction
- Cost savings and ROI
  - Reduces ongoing fax machine related costs
  - Eliminates junk faxes, reduces printing costs through paper use
  - Reduces energy consumption to advance Eco-sustainability initiatives
  - Reduces single purpose hardware and analog circuits
- Facilitates security and compliance
  - Routes sensitive documents to designated recipients
  - Provides an audit trail of transactions

costs significantly when compared to traditional faxing by eliminating costly analog phone lines, hardware, maintenance and supplies. As a result, organizations can save tens of thousands of dollars a year.

**Security and compliance**

The OmniTouch 8450 Fax Software protects document privacy and facilitates compliance with regulations, such as the Health Insurance Portability and Accountability Act (HIPAA) and the Sarbanes-Oxley Act. It routes sensitive documents in TIFF or PDF format via the security of VoIP networks and virtual private network (VPN) encryption to approved recipients and designated secure printers.

**Scalability**

As a completely software-based solution, the OmniTouch 8450 Fax Software is scalable up to tens of thousands of users.

experience as fax messages are presented in the users e-mail inbox. Moreover, the OmniTouch 8450 Fax Software and the OmniTouch 8400 Instant Communications Suite can run on the same physical server thus saving hardware costs.

**Easy integration with email**

The OmniTouch 8450 Fax Software easily integrates with an existing e-mail system to enable users to send and receive faxes from their desktops. Advanced features through user forms are available for Microsoft® Outlook® and IBM® Lotus Notes®.

**Business continuity**

The server high availability (N+1) mechanism makes sure that any potential incident has limited or no business impact.

**Positive environmental impact**

The OmniTouch 8450 Fax Software helps to reduce paper use, saves water, preserves forests and helps saving energy.

**Overall system reliability**

Sagem Communications pioneered board-less FoIP technology and remains the industry leader.

Highlights

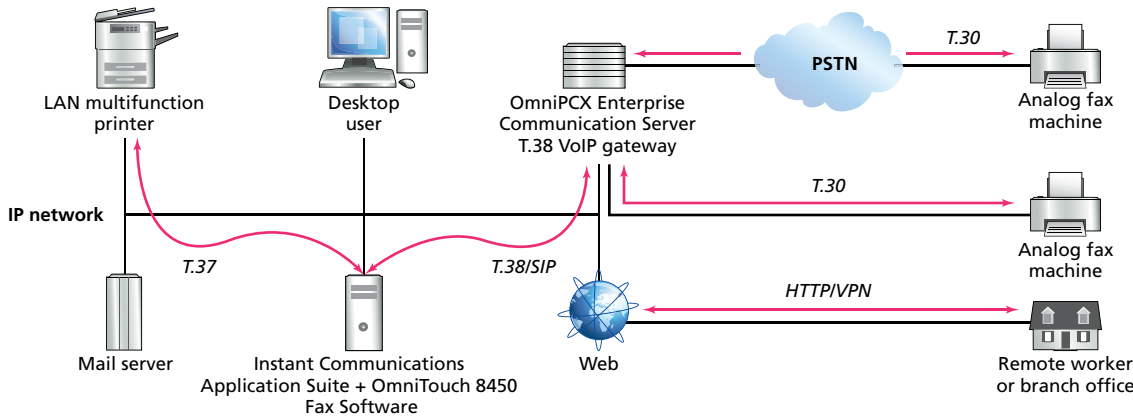
**Lower telecom costs – Increase employee productivity**

The OmniTouch 8450 Fax Software boosts productivity over traditional manual faxing because users no longer need to make time consuming trips to the fax machine. The OmniTouch 8450 Fax Software also reduces telecom

**OmniTouch 8450 Fax Software and OmniTouch 8400 Instant Communications Suite**

The OmniTouch 8450 Fax Software seamlessly integrates with the Alcatel-Lucent OmniTouch 8400 Instant Communications Suite and thus complements the unified messaging

Figure 1. Boardless FoIP



## Technical specifications

### Protocol support

- T.38, SIP
- T.38 error correction mode (ECM)

### Fax communication characteristics

- Support for Group 3 fax and transmission speed of up to 14.4kb/s
- Support for 100x200, 200x200, 300x300 and 400x400 resolutions

### Inbound routing

- Methods: dialed number identification service (DNIS), call station ID (CSID), automatic number identification (ANI)
- Destinations: user, e-mail, printer

### E-mail server support

- Microsoft® Exchange® 2007/2003
- Lotus Domino® R6.0, R6.5, R7.0, R8
- Any SMTP-compliant mail server

### Send faxes

- From web access
- From email client
- Any software via print to fax driver

### User interface available in several languages

- English
- French
- German
- Italian
- Portuguese
- Spanish

### Notification of fax arrival

- To one or several email addresses
  - HTML or text format
  - Fax attachments in PDF or fax TIFF
- To one or several printers
- To one or several users (web interface)

### Administration – serviceability

- Active Directory® directory service/Microsoft Exchange integration
- Graphical fax port monitor
- Exportable transaction logs
- Backup / restore server settings and faxes with script automation
- Mass provisioning
- Localization of the administrator interface
  - English
  - French

### Accounting facilities

- For an outgoing fax call, possibility to generate an accounting ticket on the Alcatel-Lucent OmniPCX™ Enterprise Communication Server

### Server conversion of documents

- Adobe® PDF
- HTML, JPEG, GIF and RTF
- Output to G3 and G4 TIFF fax formats in fine and ultra-fine resolutions

### Multifunction printers support

- Multifunction printers (Sagem, OKI Printing Solutions, Hewlett-Packard, XEROX®, Lexmark™) with scan-to-e-mail or T.37 functionality

### Operating systems

- Server: Red Hat® Enterprise Linux® Release 5
- Client: Microsoft Windows Vista/XP®

### Hardware requirements

- Redhat® Enterprise Linux-compatible server platforms
- Minimum configuration: Pentium 4, 1.3 GHz, 512 MB RAM, 10 GB hard drive, Ethernet Card (server running only fax server, 2 simultaneous fax channels, 50 users)
- Typical hardware requirements are: CPU P4 Dual-Core 2.4 GHz, 2 GB RAM, and 1 GB hard drive capacity for every 10,000 stored fax pages. Detailed specifications may vary depending on the specific customer usage.
- May be installed on the same physical server as OmniTouch 8400 ICS software (for up to 500 users and four simultaneous fax channels, higher provisioning requires a dedicated server)
- Integrated into Business integrated Communication Solution (BiCS)

### Provisioning

- Up to 10,000 users and 30 simultaneous fax channels on a dedicated physical server.
- Up to 500 users and four simultaneous fax channels when sharing a common server platform with ICS.

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