

Alcatel-Lucent ECS

EXTENDED COMMUNICATION SERVER | RELEASE 4.1

The Alcatel-Lucent Extended Communication Server (ECS) offers an innovative approach to convergence for small and medium-sized businesses (SMBs), and serves as a simple solution for information management and communications that is easy to deploy and administer. The ECS is a solution that transforms the way small and medium enterprises communicate by delivering fully integrated communication, collaboration and mobility solutions that are scalable, reliable and cost-effective.



Extended Communication Server
Compact Edition



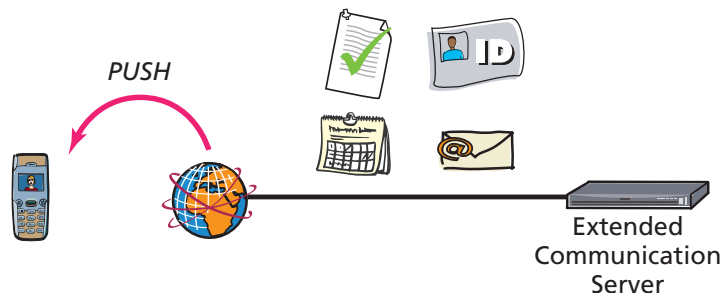
Extended Communication Server
Premium Edition

When used with the Alcatel-Lucent OmniPCX Office, the Alcatel-Lucent ECS provides SMBs with a unified communications solution, offering all the benefits of voice/data convergence:

- Improved information flow and sharing in real-time among employees for greater productivity;
- Increased company performance for a stronger competitive advantage;
- Improved quality of service and business growth;
- Better cost control through quick return on investment (ROI).

As a global solution, the Alcatel-Lucent ECS provides SMBs with collaboration and communication services for workers across the enterprise, especially those on the move.

Figure 1. Push mail & more: email, calendar, contacts, task list



Technical specifications

Collaboration

Virtual desktop

- Authenticated and secure access from a browser (AES-256 bit SSL)
- User interface languages (English, French, German, Polish, Portuguese, Norwegian, Spanish, Dutch, and Italian)
- E-mail
- Shared contacts
- Shared calendars
- Tasks list
- Shared files
- Internet bookmarks management (personal, groups, importing capability)
- News: groups, enterprise
- Search engine: document indexing, e-mail, contacts, calendar, files

Outlook® Connector

- ECS contacts, calendar and tasks, synchronized with Microsoft Outlook® 2003 and 2007 (secured connection)
- Selection of items to be synchronized: contacts, calendar, tasks
- Use in connected and disconnected mode
- Automatic or manual synchronization

Fax server

- Fully integrated solution: user and administration interface
- Integration of Fax service using OmniPCX Office SIP capabilities: no dedicated additional hardware is required (except VoIP resources in OmniPCX Office)
- Web-mail: unique interface for e-mail and faxes
- Full software fax server
- Fax2mail
- Mail2fax
- Print2fax

Mobility

Mobile virtual desktop interface

- Secured access from mobile devices (PDA, Smart-phone and mobiles)
 - WAP 2.0
 - AES-256 bit SSL

- User interface languages (English, French, German, Polish, Portuguese, Norwegian, Spanish, Dutch, and Italian)

- E-mails (Send/receive, composition, transfer, answer, etc.)

- Shared contacts
- Shared calendars

Push mobile

- ECS e-mail and groupware (contacts, diary, to-do list) synchronized with PDA or smart-phones over the air (push mode)
- Supported platforms: Microsoft Windows® Mobile 5.0 and 6.0
- Easy deployment and remote monitoring of mobile devices
- Secured connection between the server and the device (encrypted data)

Unified Communication

Setting phone parameters through Virtual Desktop and Mobile Virtual Desktop

- Call forwarding management to voice mail, to a number, to a personal assistant
- Unified message system
 - Voice mail in email
 - Call notification email
- Direct call from a contact card
- Up to 75 Alcatel-Lucent PIMphony teams: direct downloading of PIMphony team from the virtual desktop
- Free VoIP communications over Internet
 - Free remote worker:
 - Web accessibility
 - Peer-to-peer communication:

IT services

Mail server

- E-mail protocols: SMTP, POP and IMAP with TLS support
- Filtering of message content

Security and network

- Routing, DHCP, DNS servers
- QoS management (enhancement)
- Firewall
- VPN IPSec and PPTP
- Certificate, private key management (authorities, users, services)

System

- Base directory on LDAP V3
- Control panel (statistics, alerts, log)
- Back up and restore
 - Total and incremental
 - Storage device selection

Sharing of files and printers

Web Hosting

Web-based management

Hardware

The ECS is based on Linux servers. Three different hardware platforms are available, which provide the same level of service and features with different capacity ranges depending upon an enterprise's requirements (i.e., number of employees or level of traffic)

Extended Communication Server Compact Edition

Fanless desktop platform for companies of up to 25 employees

- 512 Mb RAM
- 1x160 Gb HDD SATA 7200 rpm
- 2 Ethernet cards 10/100 Mb/s
- Third Ethernet card
- 2 PCI slots
- 4 USB 2.0 ports
- 1 console port
- 1 VGA port
- 1 parallel port
- Options: WIFI card

Electrical Power Supply

- Consumption: 80W – Voltage: 100-240 V (50/60 Hz)

Operating conditions

- Temperatures: 5°C to 40°C operating / -40°C to +65°C storage.
- Relative humidity without condensation: 20% to 80°C operating / 5% to 95°C storage.
- European Safety Standards: EN55024 Edition 98, EN55022 Classe B Edition 94, EN 61000-3-2 Edition 00, EN 61000-3-3 Edition 95.

Hardware characteristics

- Dimensions: 38.7 cm x 34.5 cm x 6.6 cm

Extended Communication Server Premium Edition

Powerful, high-performance platform for SMEs/SMBs with up to 60 employees.

- Processor Intel® Core 2 Duo E6320
- Chipset Intel® E3000 (Mukilteo-2)
- 2 Gb DDR2-667 SDRAM
- 3x HDD 250 Gb Hot Swap SATA-2
- 3x network Gigabyte interfaces
- Graphical function ATI ES1000
- DVD-ROM slimline
- Alim. 300 Watts
- Black front cover

Extended Communication Server Premium Edition Max

Powerful, and high performance platform for SME/SMB of up to 250 employees.

- Processor Intel Core 2 Duo E6320
- Chipset Intel E3000 (Mukilteo-2)
- 2 Gb DDR2-667 SDRAM
- 3x HDD 500 Gb hot swap SATA-2
- 3x network Gigabytes interfaces
- Graphical function ATI ES1000
- DVD-ROM slim line
- Alim. 300 Watts
- Black front cover

Electrical Power Supply

- Consumption: 300W – Voltage: 100-240 V (50/60 Hz)

Operating conditions

- Temperatures: 10°C to 35°C operating / -40°C to +70°C storage.
- Relative humidity without condensation: 8% to 90% operating / 5% to 95% storage.
- European Safety Standards: EN55024 Edition 98, EN55022 Classe B Edition 98, EN 60950 BT.

Hardware characteristics

- 1U appliance rackable in a 19" or 21" bay
- Dimensions: 50.4 cm x 43.8 cm x 4.3 cm

Environment

The hardware is ROHS compliant: restriction of certain hazardous substances in electrical and electronic equipment