

# Aastra Management 7450

For open and optimum network administration

AM7450



Designed to manage huge IP communication networks, the new software “**Aastra Management 7450**” combines **power, security, flexibility and user-friendliness**, while guaranteeing a **rapid return on investment** by reducing administration costs.

**Aastra Management 7450** seamlessly merges for a central location, networks running with the **Aastra 5000** solution and **Aastra X series** media gateways, as well as a range of Aastra terminals - fixed or mobile, SIP or proprietary.

## Strong points of Aastra Management 7450

- It is specially designed for large communication networks: up to **150,000 subscribers, 2,000 communication servers or media gateways, 30 administrator connections at the same time**, without loss of functions.
- **Reduce administration costs and enhances performance** thanks to the Microsoft Active Directory connector. The administrator enters his/her modifications in the enterprise directory, and the entire communication network is updated instantly and automatically.
- Offers **full secure IP links** with Aastra 5000 and Aastra X series media gateways, including authentication and encryption: compatibility with https, VPN, TLS, etc.
- **Highly reliable solution:** compatibility with Stratus server, implementation of effective space duplication via a LAN or WAN (back-up data centre for activity resumption plans).
- **An open solution:** thanks to the adoption of standard protocols (LDAP, SNMP, XML, http) Aastra Management 7450 can be easily integrated into a third-party environment (SNMP hypervisor, etc.).
- **A web-technology**-integrated software solution that allows easy remote access to administration functions.
- **Guarantee of continuity:** Aastra Management 7450 is perfectly suited to **the migration of the installed base** since it can manage existing Aastra systems – analogue, digital, IP, and SIP terminals as well as NeXspan C, S, L, D, 50 and 500 IPBXs, etc. – in particular by centralising the LDAP directory, subscriber administration and SNMP supervision.

## Functions

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### Configuration

- Administration of subscribers and the associated terminals
- Administration of programmed keys, display of terminal image
- Multi-criteria subscriber search
- Quick installation through data import via Excel
- Mass modification of subscriber attributes
- Configuration of the solution's LDAP directory (language, options, configurable fields, etc.)
- Configuration of LDAP directory replication
- Connector for real-time synchronisation with Microsoft Active Directory
- Display of subscriber number ranges
- Administration of feature classes, external network access classes, partitions and priorities

### Supervision

- Real-time supervision through map, real-time and periodic alarms (pool of remote media gateways)
- Interface with external hypervision software (SNMP)

### Links

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- From the server to the AM7450 client workstation: IP, ISDN, the internet (ADSL)
- From the server to Aastra 5000 and Aastra X series media gateways: IP, ISDN, the internet (ADSL)

### Prerequisites for the software

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- Operating system: Linux Redhat Enterprise 5 (server), Microsoft Windows XP PRO or Vista (client)
- Redhat ES 5 (server) certified PC
  - DVD-ROM drive
  - 80 GB hard disk
  - 2 GB RAM

### Rights

- Administrator partitioning by geographic regions
- Partitioning by profile (administrator, operator, telephony, directory)

### Service continuity

- Centralised administration of the Aastra 5000 software and Aastra X series media gateways, backup, restore, secure upgrade to version N+1, updating of current version (patches)

### Financial management

- Cost analysis, operator invoice analysis, top ten
- Incoming and internal traffic analysis
- Quality of service analysis on the terminal, terminal group and general answering service level

### Others

- IP telephony network inventory: Communication Server, terminals, Aastra X series media gateways and hardware/software components (cards) (software releases, music, SVI...)
- Centralisation of call records (CDR) and distinct directories for remote media gateways

### Software compatibility

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- Aastra 5000 R5.1
- Aastra X series R5.1
- NeXspan R4.1, R4.2

### Capacities

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- Subscribers: up to 150,000
- Gateways and servers: up to 2,000
- Simultaneous administrator connections: 30
- Declared administrators: unlimited
- LDAP directory: up to 200,000

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