



Your NGN CPE Solution Provider

Product Features...

- Support TR-069, TR-104, and WT-135 defined by DSL Forum
- Automatic Service Activation
- Dynamic Service Provisioning
- CPE firmware management
- Configuration snapshot
- Direct Remote Login
- Mass provisioning/firmware upgrade
- CPE Group Management
- Secure http communication (https)
- Distributed System Architecture

The screenshot displays the XMS eXtended Management System interface. At the top, there is a navigation bar with 'XMS eXtended Management System' and a user menu for 'administrator' with the date '01/11/2006 10:46:05'. Below this is a breadcrumb trail: 'CPE Management > View CPEs > CPE Information'. The main content area is titled 'CPE Information' and shows details for a CPE with Model 'MD-104', MAC Address 'MD104-110', and Public IP Address '67.123.179-41'. It also lists hardware and software versions, creation/modification dates, and user information. To the right of the main information are buttons for 'Basic', 'View', and 'Extended' actions. Below the main information are three tables: 'Job History Records', 'Provision History Records', and 'EventLog Records'. The 'Job History Records' table shows a job ID '20' requested on '01/07/2006 20:34:04' for 'CPE Parameters Update', which is 'Accomplished'. The 'Provision History Records' table shows a provision date of '01/07/2006 20:32:47' for 'Parameter Config' by user 'admin'. The 'EventLog Records' table shows three events: 'INFORM-PERIODIC' at '10:39:58' (Success), 'INFORM-PERIODIC' at '10:34:34' (Success), and 'INFORM-PERIODIC' at '10:29:49' (Success).

Copyright© 2005 Alpha Telecom Inc. (Version: 1.1.1, Release Date: December 05,2005)
Best viewed in Internet Explorer 6.0 or above and Firefox 1.0 or above.
Preferred screen resolution:1024 X 768 pixels or higher.

eXtended Management System

is designed to centralized control, monitoring, and diagnostic of IP-based triple-play CPEs, based on the industry standard protocol, TR-069 (ADSL), TR-104 (VoIP), and IPTV STB (WT-135).

The flexible and standards based system architecture ensures the evolution to support new service deployment based on DSL Forum's framework.

The end-to-end management capability enables the customer care agent to check the current configuration, connection status, and statistics in the real time and fix the problem remotely rather than the lengthy conversation with the end user.

Firmware management provides the managed mechanism to upgrade the firmware image of CPE online or at the scheduled date and time.

Template-based CPE group management simplifies the tedious provisioning job. The hierarchy of the template heritage offers the further organized configuration management.

The secure http communication channel guarantees the security of all the provisioning parameters. The both-way authentication prevents the illegal access from the Internet.

The pure java and open standards design provides the most flexibility of running on multiple platforms and supporting different infrastructures of the service providers' operating environment. The clustered system architecture maintains the most reliable and highest scalability for the large deployment.

eXtended Management System

TECHNICAL SPECIFICATIONS

Management Features

- CPE Connection Information
- Configuration Snapshot
- Direct Remote Login
- On-line Provisioning
- CPE connection checking and indication
- CPE remote firmware upgrade
- CPE Data import/export

Mass Provisioning Features

- Hierarchical template management
- CPE grouping with the associated template
- On-line mass provisioning
- Schedule the mass provisioning
- Bandwidth Usage Control
- Automatic provisioning retry
- Provisioning job status update
- Reschedule the mass provisioning job
- Intelligent resubmission of the mass provisioning job

Multiple Model Management

- Model profile import/export
- Incremental parameter refinement
- On-line model profile modification

Web Portal Features

- User Privilege Management
- user-based Time zone assignment

System Maintenance

- Connection Event log
- Provisioning History log
- Usage log
- Log data export with filtering

Security

- SSL v3
- Secure HTTP
- HTTP Digest MD5 authentication

Supported Management Protocol

- TR-069
- TR-104
- WT-135

Supported Platform

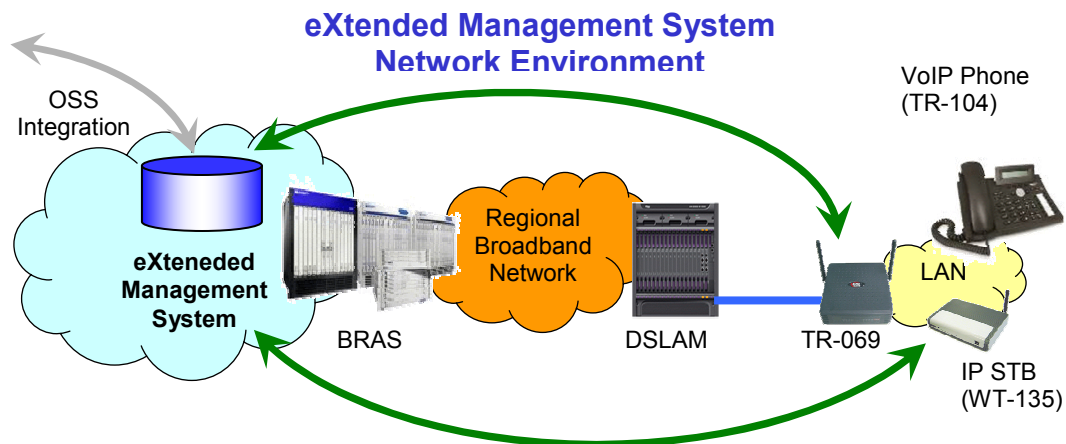
- Linux
- Solaris
- HP UX

Database Support

- Oracle
- MySQL
- Other JDBC-supported database

Supported EJB Application Server

- JBoss
- BEA Weblogic



Copyright© 2004-2006 Alpha Telecom Inc. USA. All rights reserved. The information and specifications are subject to change without prior notice. ATIU tries to ensure that all information in this document is correct but does not accept liability for any error or omission.