

**PRODUCT  
SPECIFICATION**



The Andrew Solutions Integrated Management and Operating System is the network management solution for all Andrew repeater and distribution systems.

**A**ndrew Solutions A.I.M.O.S. is an OMC (Operation and Maintenance Center), based on state-of-the-art mechanisms and technologies for operating complex network systems. The A.I.M.O.S. software bundle contains a SNMP-northbound interface as well as GUI-clients, modem and user management.

## A.I.M.O.S.

### Andrew Integrated Management and Operating System

The comfortable structure of the graphical user interface is based on the rules of easy-to-learn, self-explanatory and intuitive usage of software for system supervision, system control, maintenance (for example, software download) and software configuration (for example, users, passwords and access rights).

- Client/Server concept
- Multi-user alarm forwarding via email, SMS
- Individual user and alarm profiles
- X.733 standard alarm management
- SNMP northbound interface for NMS integration
- Map view
- Scheduled Tasks
- Performance Monitoring (Charts)
- KPI (Key Performance Indicator)
- Reports
- Packet data connectivity (for example GPRS)
- VPN
- Modem pool for redundancy and load management
- DB export to Excel<sup>®</sup>/ODBC interface
- XML export/import
- Inventory Management
- Disaster Recovery
- High availability configuration (Up to 99.999%)

# A.I.M.O.S.

## Structure of the graphical user interface

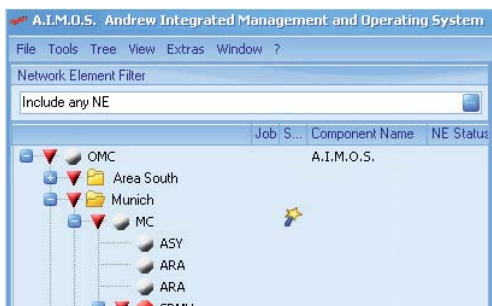
The graphical user interface contains:

- The main menu (layer 1)
- The network element tree view (layer 2)
- The Management Interface (layer 3)

A.I.M.O.S. features most of the standard program functionality known from Microsoft® Windows®, for example, the menu bars, context menus or the drag-and-drop functionality.

### The main menu (layer 1)

- Menus for the general customization of the software and graphical interface
- Access to supervision and control core of A.I.M.O.S. (layer 2)



- All options for service and support for the administrator at one level
- Access to supervision and control core for the operator (layer 2)

### The network element tree view (layer 2)

- Display of system topology in tree structure
- Main features of the network element tree view

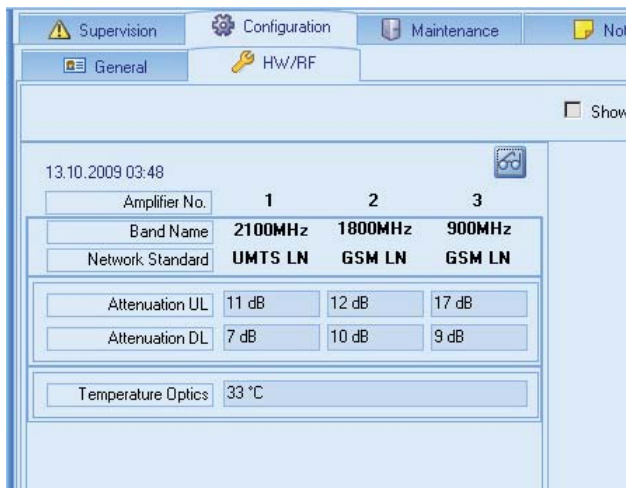


- OMC as control unit in master mode
- Register optical repeater system (actual structure entry in database)
- Create/delete and rename group folders
- Structure and restructure system groups via drag and drop
- Different symbols for units in alarm mode
- Reduced treeview, full treeview; display or hide units in alarm mode
- User dependent treeview (regional access rights)

- Clearly arranged display of complete system structure
- Direct selection of the unit in the network element tree view panel

## The Management Interface (layer 3)

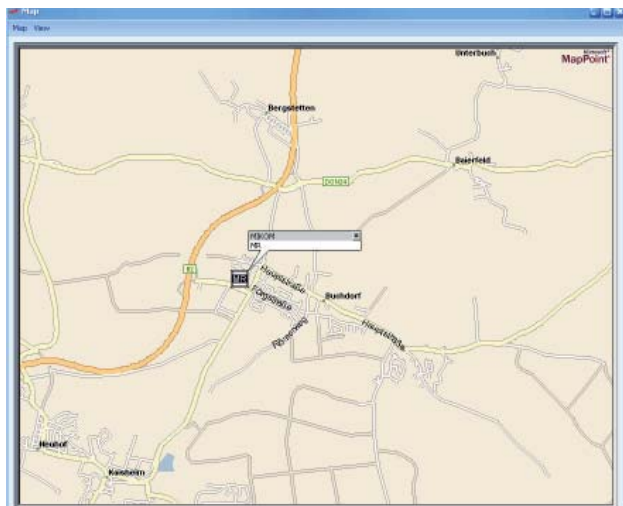
- Supervision and control features for the unit selected in the system navigator
- Clearly arranged features and adjustable settings with one mouse click



- Features systematically structured
- Change from 'display only' to 'display and customize' mode with one mouse click

### Map view (optional)

- Zoom mask down to street level detail (Europe, North America)
- Display of device icons in the Map including severity in case of alarms
- Installation photos or any other bitmaps can be linked to the unit



# A.I.M.O.S.

## SNMP northbound interface (optional)

The SNMP Interface features complete user and X.733 standard alarm management.

- Access to MIB objects protected by user name and password
- Users with different rights possible
- System parameters such as time format to be used, requirements on passwords or validity period of a login session adjustable
- **Comfortable alarm management:**
  - an unlimited number of alarm recipients can be determined
  - assignment of alarms to alarm recipients can be made depending on time as well as on alarm type
  - alarm severity can be adjusted, alarms can even be totally disabled
  - a list of current alarms and an alarm history is available
- Configuration changes do not require a restart of the agent or the PC.
- The SNMP agent is a Windows® system service.
- To users logged in under Windows 2000/2003, a window for monitoring the activities of the service (counter, login possibilities), is available.

## OMC3.54 integration

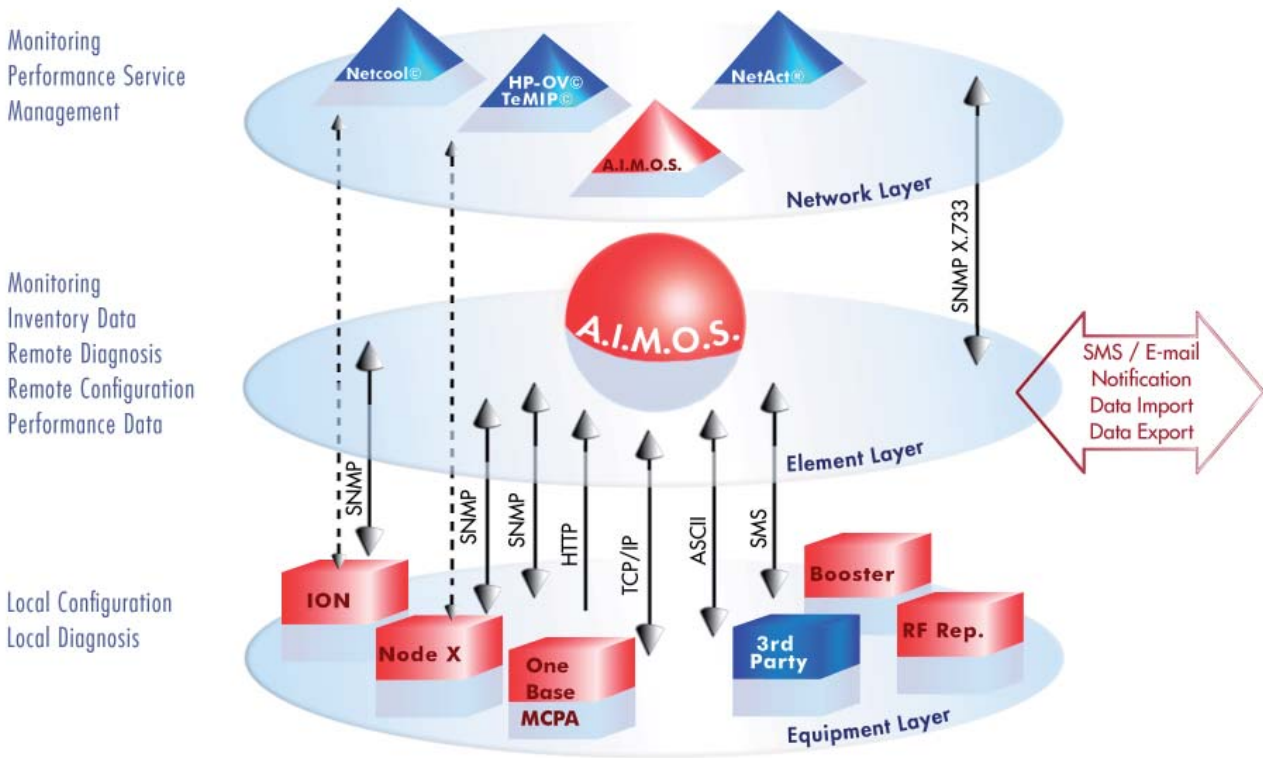
OMC3.54 is the management module for repeater of 1st and 2nd generation. It is now integrated in A.I.M.O.S..

- Modem server for up to 16 connect-devices

## System requirements (for use with one PC)

Server Operating System	WIN2000 (+ SP1) Workstation or Server, WIN2003 Server Standard Edition, 32 Bit version only WIN2008 Server Standard Edition, 32 Bit only
Client Operating System (additionally)	WIN XP Pro, 32 Bit, WIN 7 Pro, 32 Bit
CPU	<p><b>Minimum</b> . . . . . Pentium or higher (see Microsoft Windows System requirement)</p> <p><b>Recommended</b> . . . . . Pentium IV 3000 MHz or Xeon</p>
RAM	<p><b>Minimum</b> . . . . . 2 GB</p> <p><b>Recommended</b> . . . . . 3 GB</p>
Free space on the hard disk	<p><b>Minimum</b> . . . . . 1 GB (depends on the operating system, on the number of units and the installed options)</p> <p><b>Recommended</b> . . . . . 5 GB</p>
Graphic card	<p><b>Minimum</b> . . . . . VGA 16 MB (1280 x 1024 resolution)</p> <p><b>Recommended</b> . . . . . VGA 32 MB (1600 x 1200 resolution, high colour, 16 bit)</p>
Network requirements	100 MB LAN connection
Compatibility with OMC	OMC3.54

# A.I.M.O.S.



A.I.M.O.S. Overview



[www.commscope.com](http://www.commscope.com)

Visit our Web site or contact your local Andrew Solutions representative for more information.

© 2010 CommScope, Inc. All rights reserved.

Andrew Solutions is a trademark of CommScope. All trademarks identified by ® or ™ are registered trademarks or trademarks, respectively, of CommScope. This document is for planning purposes only and is not intended to modify or supplement any specifications or warranties relating to Andrew Solutions products or services. Bulletin PA-100457.7-EN (06/10)