

**CXR** Anderson Jacobson's Access Management System (AMS) is a combination of hardware and software designed to assist in the management of high density, central site communication pools. The components for a complete AMS system include a device chassis, power supply and a Management Controller. AJ Chassis Systems are flexible and easy to grow as your site requirements increase. The AMS allows mixing and matching of device speeds, device types and face plate configurations within the same chassis. The AJ AMS is not slot or chassis dependent, so a 56K bps DSU, ISDN Terminal Adapter or a modem can be used in open slots without having to buy a new chassis.

### Features

- Local Access via SNMP or VT100
- Remote Access via Dial Connection
- Multiple Security Access
- Menu Driven
- Device Configuration Support
- Inventory Control
- Diagnostic & Maintenance
- Alarm Reporting
- Statistical Event Reporting
- Automatic Alarm Notification
- Mix Modems, DSUs & ISDN TA in Same Shelf
- 256 Linked Devices, 16 Shelves
- Supports Dedicated Line & Dial Lines
- Flash Based Design
- Redundant Power Supplies
- NEBS Approved Chassis
- 50 pin Telco Connection

### AMS Software & Controller

The Access Management System is Flash Memory Based in a separate, optional Controller card. A variety of physical interface connections are available to allow quick access through the Controller to any device located in a single shelf or any of the other 15 cascaded shelves making up a system.

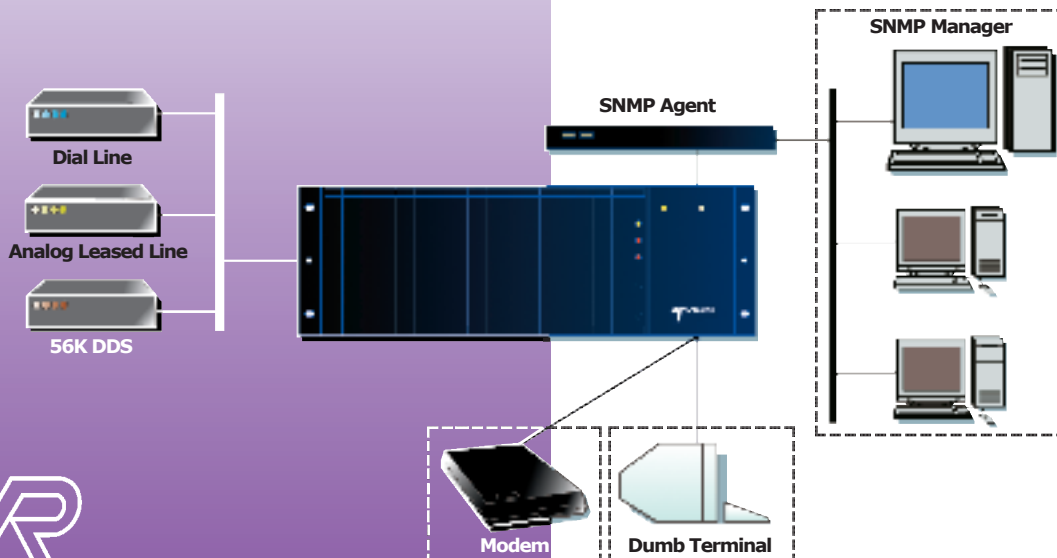


### Connection Status

To find specific details on a given port, simply select that port and get a real-time view of its activities such as hand-shaking control lines, network line quality/operating mode, device utilization, error correction statistics, incoming/outgoing connections, and more. In addition, you can issue direct commands to the device, and see any test condition status. Most importantly, data throughput is not impacted. The AMS can be controlled either locally or remotely.

### Chassis Systems

The AJ Chassis Systems are common shelves designed to support AJ communication devices and are available in two configurations. The AJ Smart Rack and UCR (Universal Communication Rack) are designed to meet any configuration need. Both chassis support up to 16 devices per chassis, up to two power supplies and one Controller Management Card. The AJ Smart Rack is NEBS compliant for systems requiring stringent Telco type installations. The UCR is a designed for general applications and is modular in configuration.



## SNMP Manageability

CXR Anderson Jacobson is committed to standards based products and utilizes SNMP for its network management platform. Today's networks are comprised of many vendors equipment, hence the enterprise-wide management system must communicate to all devices. SNMP has become the standard protocol for addressing this need. Because CXR/AJ has implemented SNMP into its AMS product line, the network administrators do not need a proxy agent to manage the WAN communication system. The network administrator can configure, manage, perform diagnostic testing, and be alerted to alarm conditions from the SNMP network management station running HP OpenView™.

## Diagnostics

Diagnostics enhance the isolation of problems and corrective actions for items such as connection status, error correction, dedicated line, and dial line display. Individual device activities such as EIA lead inputs and outputs, dedicated line and dial line signal quality indicators, device identification, revision information, and line utilization statistics can be displayed.

## Security

Three level security access prevents unauthorized users from accessing the system and making changes. System Manager, Maintenance, and Monitor levels allow for up to 7 unique passwords. In the event the System Manager is taken away from the control console, the AMS can be configured to automatically log them off the system.

## Automatic Alarm Reporting

Alarm reporting and monitoring is an automatic function providing real time management of system problems, circuit and device monitoring. Alarms are time stamped on occurrence and must be acknowledged before removal. Remote alarming is supported for after hours remote access.

## Configuration Made Simple

The AMS provides a simple method to upload, download and modify device configurations for both local and remote installed equipment attached to the system.

## Access Management System Technical Data

### Specifications

#### Connection Type

VT100 Compatible  
Dial-up Access  
10Base T, 10Base 2

#### Controls & Indicators

Reset Switch	Momentary
Operating Status	LED Green/Red
Self Test	LED Red

#### Access Management System

AMS-CF1  
Required in first AMS installation  
Flash based  
Built in 2400 bps modem  
Required for NetGate Manager Operation

AMS-CF2 AMS Slave Controller  
Required for multiple AMS installations

#### Controllers

SMTR-CC1 Master Controller  
Required for first SMTR installation

SMTR-CC2 Slave Controller  
Required for multiple SMTR-01 installations

### Chassis Systems

UCR-01 Universal Communication Rack chassis  
16 single slot communication device cards  
One 110 VAC power supply

UCR-02 Universal Communication Rack chassis  
16 single slot communication device cards  
One 48 VDC power supply

SMTR-01 Smart Rack Chassis  
16 single slot device cards  
8 dual slot device cards

### Power Supply Configurations

110 VAC	Power Supply
220 VAC	Power Supply
48 VDC	Power Supply

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