



AMA Collection Manager

Complete Switch to Billing Solution

Product Brochure

Highlights

- Collects AMA and SMDR data for Telecom Billing & OSS Systems
- Supports AMATPS, XFER and SFTP protocols over TCP
- Simultaneous polling of multiple network elements
- Supports conversion to EMI record formats
- Replaces dial-up X.25 with TCP network
- Boosts speed of data collection by more than 5 times
- Output formats: Blocked, Non-Blocked and AMADNS
- FTP/SFTP push or pull to billing system
- Supports most X.25-TCP gateway protocols
- Includes web based management software GUI
- Supports 5ESS, EWSD, DMS, Softswitch and other Class 5 switches



DESCRIPTION

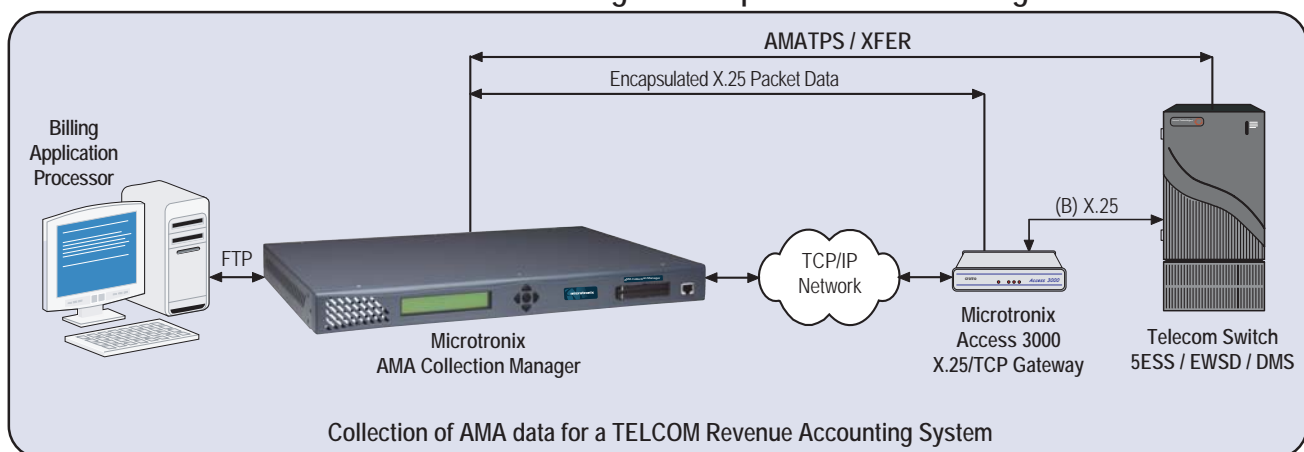
The **AMA Collection Manager (ACM)** polls Network Elements for AMA data with a flexible automatic schedule or manually with an easy to use web-based GUI.

Collected AMA files can be named in required output format using a definable file naming configuration, and are made available to the Billing Application Processor via FTP/SFTP push or pull. They are then archived with a definable retention schedule. They can also be converted to EMI format files, which can be split between billing and access records for separate upstream handling, greatly reducing third-party CABS per-record handling charges.

Multiple Network Elements can be polled simultaneously while still maximizing the throughput of each X.25 interface, significantly reducing data collection time associated with legacy modem connections.

A unique advantage of the ACM solution is the incorporation of networking support for our X.25/TCP Gateway product. The Access 3000 Gateway connects directly to the X.25 or BX.25 port of the voice switch and to the local IP network eliminating the need for expensive X.25 equipment and/or modems with leased/dial lines and their associated support costs. By moving to IP, performance is boosted more than five times the legacy X.25 network.

Microtronix AMA Collection Manager - Complete Switch to Billing Solution



A web-based GUI provides configuration and management capabilities via a standard desktop Internet browser. Command/shell access is also available locally or remotely via Secure Shell (ssh).

The ACM software application also incorporates support for a variety of industry standard encapsulation and conversion methods used for transporting X.25 data across IP networks including: Applied Innovation AEPN, Cisco Record Boundary Preservation (RBP), XOT, and M-bit message preservation.

"The AMATPS Collection software and gateway is operating beyond our expectation. We are currently polling our switches in quarter of time it would have normally taken, if not faster. Thank you for your outstanding support and commitment to excellence. We should have upgraded to your system years ago."

*Alan L. Woods
System Administrator
Rainier Connect*

Complete Switch to Billing Solution.

TECHNICAL SPECIFICATION

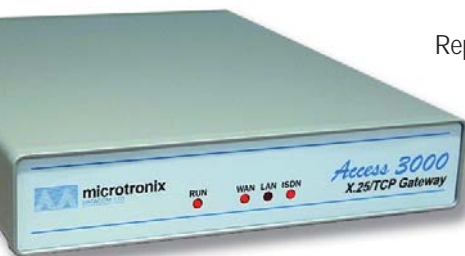
SOFTWARE FEATURES	HARDWARE FEATURES
<ul style="list-style-type: none"> • Poll scheduling via cron 24 / 7 / 365 • Configurable output file format including AMADNS • User-definable output file names • Supports standard X.25 over TCP protocols • AMATPS, XFER and SFTP • Remote access via Secure Shell • Local or Remote logging via Syslog • Local or Remote management via web browser GUI 	<ul style="list-style-type: none"> • Rack mounted device with Linux O/S • Optional NEBS approved X.25/TCP Gateway • Local storage for backup of data records
	OTHER FEATURES
	<ul style="list-style-type: none"> • Custom file conversion available, including EMI • Local or network disk drive storage • Stand-alone server or co-resident with billing server

ORDERING INFORMATION

PART NUMBER	DESCRIPTION
AMATPS-001	AMA Collection Manager with One Network Element License
AMATPS-001-NE	Additional AMA Network Element License

OPTIONS

PART NUMBER	DESCRIPTION
3000-S06	Access 3000 BX.25/TCP Gateway (AC powered)
3000-N-S06	Access 3000 BX.25/TCP Gateway (-48V DC powered, NEBS approved)



Replace your existing dial-up X.25 network with the Microtronix **BX.25/TCP Gateway** and significantly **boost AMA data collection speed.**

For more information please visit:
<http://www.microtronix.com>

Distributor / Representative:

Where to Buy

This product is available online from: Microtronix webstore and through Microtronix authorized distributors.



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