



AMA Collection Manager

Complete Switch to Billing Solution

Product Brochure

Highlights

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



DESCRIPTION

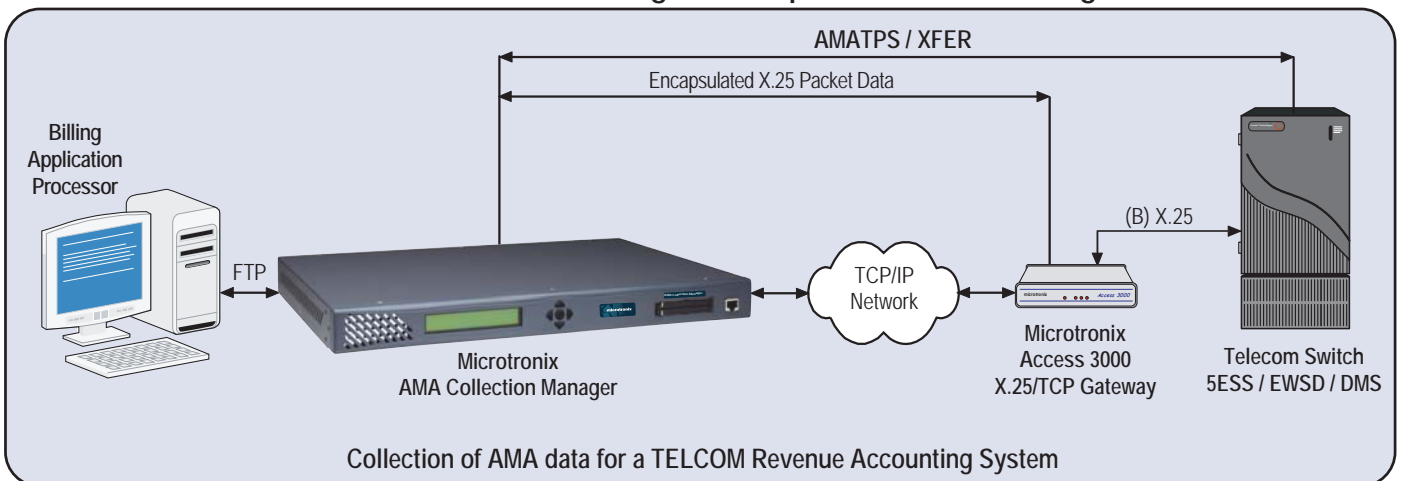
The **AMA Collection Manager (ACM)** polls network elements (AMA transmitters or DMS switches) for AMA or SMDR data automatically with a flexible schedule or manually with an easy to use web-based GUI. Collected files can be renamed using a definable file naming convention, are made available to the Telco Revenue Accounting/Billing System via FTP push or pull, then archived and rotated with a configurable schedule.

AMA files can be converted to EMI format, which can then be split between billing records (Category 01) and access records (Category 11), for separate upstream handling.

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.

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.

Microtronix AMA Collection Manager - Complete Switch to Billing Solution



A unique advantage of the ACM solution is the incorporation of networking support for our X.25/TCP Gateway product. The unit 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 an IP network the solution boosts performance more than five times over the legacy X.25 network.

A web-based GUI provides configuration and management capabilities via standard desktop web browsers.

"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

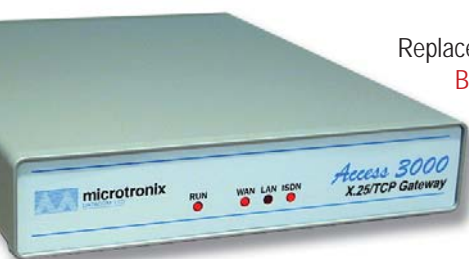
SOFTWARE FEATURES	HARDWARE FEATURES
<ul style="list-style-type: none"> • AMA Poll scheduling via cron 24 / 7 / 365 • Configurable output file format including AMADNS • User-definable output file names • Supports standard X.25 over TCP protocols 	<ul style="list-style-type: none"> • Rack mounted device with Linux O/S • Optional NEBS approved X.25/TCP Gateway • Local storage for backup of data records
<ul style="list-style-type: none"> • Local or Remote logging via Syslog • Local or Remote management via web browser GUI 	OTHER FEATURES
	<ul style="list-style-type: none"> • Custom file conversion available • 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>

Where to Buy

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

Distributor / Representative:



North American Head Office:

9-1510 Woodcock Street
London, Ontario N6H 5S1
CANADA
Tel: +1 519 690-0091
Fax: +1 519 690-0092

United States:

San Jose
California
+1 408 307-4562

Europe:

Oosterhout
The Netherlands
+31 162 714017