



# AMA Collection Manager Complete Switch to Billing Solution

## Product Brochure



### Highlights

- Collects AMA data for Telecom Billing & OSS Systems
- Simultaneous polling of multiple switches
- Supports AMATPS and XFER over TCP
- Replaces dial-up X.25 with TCP network
- **Boosts AMA data collection speed** by more than 5 times
- Supports 5ESS, ESWD, DMS and other 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

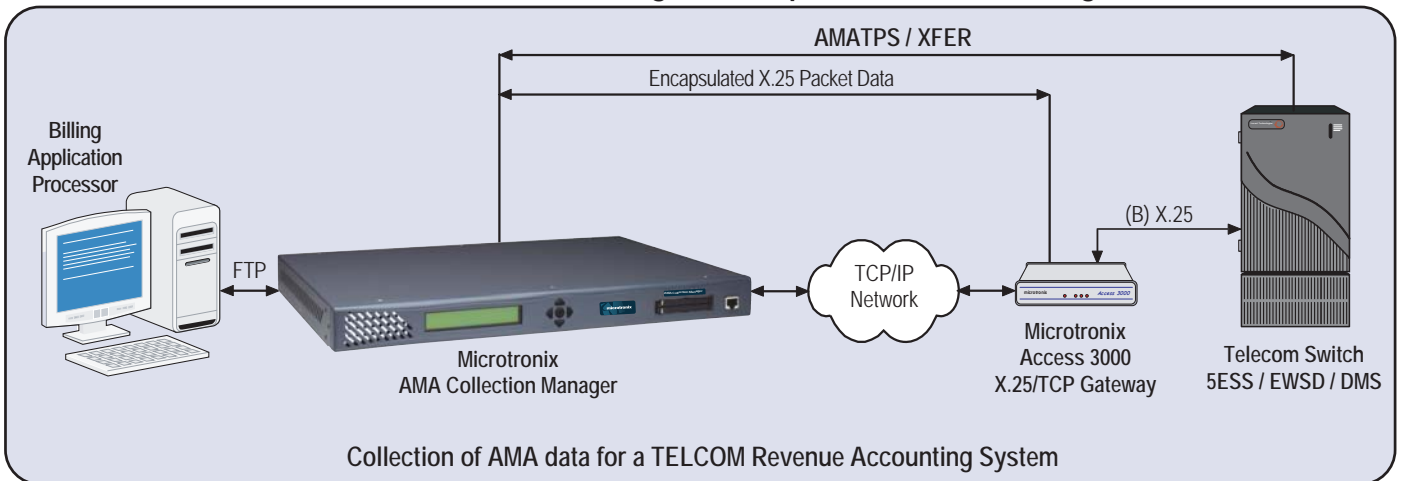
The **AMA Collection Manager** polls Network Elements for AMA data with a flexible automatic schedule or manually with an easy to use web-based GUI. Collected AMA files can be formatted into required output format using a definable file naming configuration. Collected AMA data files are made available to the Billing Application Processor via FTP push or pull, then archived and rotated with a definable schedule.

Multiple Network Elements (AMA Transmitters) 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 Microtronix Collection Manager 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.

### Microtronix AMA Collection Manager - Complete Switch to Billing Solution



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

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

### ORDERING INFORMATION

PART NUMBER	DESCRIPTION
AMATPS-001	AMATPS Collection Manager with One Network Element License and Linux O/S Server
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:



Contact Randy Gilly for a complete list of available products at: 973-402-8282 x114 or email: [rgilly@aeciusa.com](mailto:rgilly@aeciusa.com)



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