

# UPDATE

News from AMTELCO about the XDS (eXternally Defined Switching) Boards for MVIP, SCSA, H.100 PCI and H.110 CompactPCI

**Another  
AMTELCO XDS  
Award-winning  
Solution!**



XDS H.100 PCI MC-3  
UltraLite Board

AMTELCO is pleased to announce that the **AMTELCO XDS H.100 PCI MC-3 UltraLite board** received the "Best of Show" award at CT Expo 2001, held in Los Angeles. According to *Computer Telephony* magazine, "AMTELCO has solved the problem of application scale, connecting up to five chassis without sophisticated hardware overkill or exotic switching fabrics."

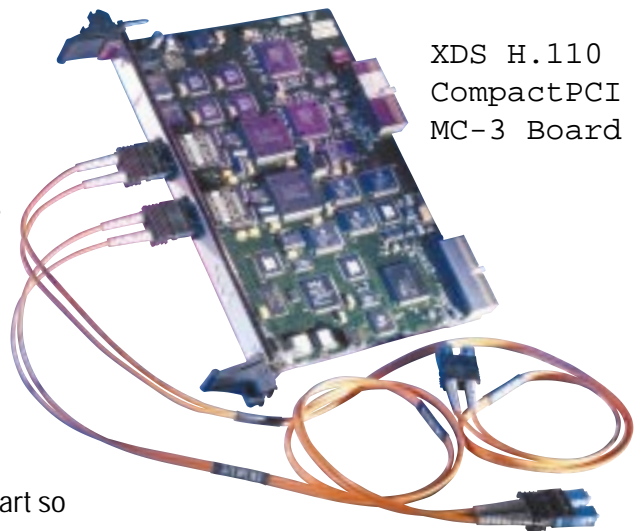
You'll find more information on the XDS MC-3 UltraLite board and all the XDS MC-3 Solutions in this newsletter. You can also find out more at [xds.amtelco.com](http://xds.amtelco.com), or by calling (800)356-9224 or (608)838-4194.



**Easily Expand  
Your Application  
with Multi-Node/  
Multi-Chassis  
Solutions**

If you need to expand your application beyond a single chassis... if you need a reliable multi-node solution with fallback capabilities... if you need a multi-node solution in H.110 CompactPCI, H.100 PCI, or ISA, then XDS has your solution!

XDS MC-3 Multi-Chassis Solutions use dual counter-rotating fiber links between chassis to provide fallback capabilities. Chassis can be placed up to 2,000 meters apart so you can support operations in the same area, on different floors, or across a campus. The XDS MC-3 Solutions provide communications between each chassis so that the entire system is in continuous communication. This allows critical elements of the application to be

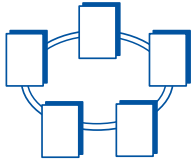


XDS H.110  
CompactPCI  
MC-3 Board

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## Multi-Node/Multi-Chassis Solutions, continued



A dual counter-rotating fiber ring configuration



A single fiber ring configuration

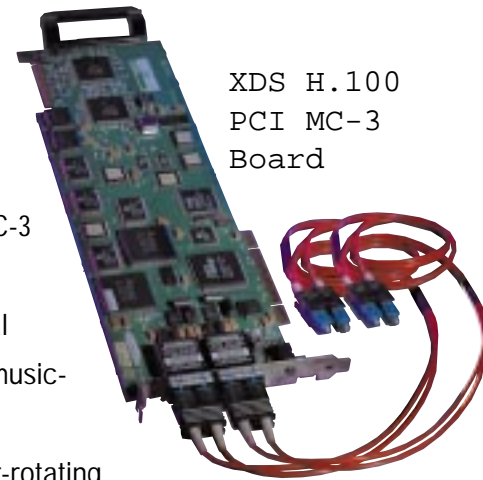
dispersed throughout the system.

XDS MC-3 Multi-Chassis Solutions can support from 2 to 30+ chassis, and up to 4,800 timeslots.

AMTELCO offers a complete line of XDS MC-3 boards to meet your application needs:

- \* **XDS H.110 CompactPCI MC-3 board** with dual counter-rotating rings, conferencing, and a music-on-hold port
- \* **XDS H.100 PCI MC-3 board** with dual counter-rotating rings and 128 ports of enhanced conferencing
- \* **XDS H.100 PCI MC-3 Lite board** with dual counter-rotating rings
- \* **XDS H.100 PCI MC-3 UltraLite board** with a single fiber connector
- \* **XDS ISA MVIP MC-3 board** with dual counter-rotating fiber rings and 128 ports of enhanced conferencing

For more information on the XDS MC-3 Multi-Chassis Solutions, visit [xds.amtelco.com](http://xds.amtelco.com) or call (800)356-9224 or (608)838-4194.



XDS H.100  
PCI MC-3  
Board

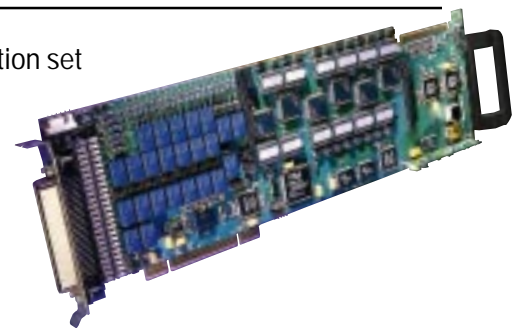
## Major Communications Company Selects XDS MC-3

AMTELCO XDS MC-3 boards were selected for a Mobile Field Command and Communications Center project for the military. AMTELCO boards were selected because of the ease of connecting and disconnecting nodes in the system, the reliability of the MC-3 and fiber connection, and the fallback capabilities in case one node is unable to operate because of battlefield conditions.

As part of the contract, AMTELCO is developing a proprietary data network for all communications between chassis across the MC-3 fiber connections. This simplifies the connection and reduces costs by eliminating the external Ethernet connection between chassis, and improves the time for connection and disconnection between chassis in a field operation. The result is improved overall communication reliability for the military.

## XDS H.100 PCI 24-Port Station Board

If you need operator and/or telephone station set interfaces for your application, the NEW XDS H.100 PCI Station board is designed to meet your requirements. This board is



**Station Board,  
continued**

available in either a 12 or 24-port version, and either version uses only one card slot. The XDS H.100 PCI Station board provides ringing audio, call progress audio, and caller ID. For more information, visit [xds.amtelco.com](http://xds.amtelco.com), or call (800)356-9224 or (608)838-4194.



**XDS H.110  
CompactPCI  
16-Port  
2/4-Wire  
E&M Board**

If you need 2/4-wire E&M capabilities for wireless interfaces to analog transmitters, or interfaces to various PBXs that accept E&M, then the NEW 16-Port H.110 CompactPCI 2/4-Wire E&M board is your solution. This new board will be available in late September. Drivers include Windows® NT and Unix. Hot Swap capability is also included.

**Marconi  
Announces...**

Marconi has announced that they will use the XDS 2/4-Wire E&M boards in a new wireless military application. Marconi selected AMTELCO XDS E&M boards because of their reliability and performance. Marconi is also using XDS E&M boards in three other wireless application projects.



**XDS H.110  
CompactPCI  
512-Port  
Enhanced  
Conference  
Board**

AMTELCO is pleased to announce that a NEW XDS H.110 CompactPCI 512-Port Conference board will be available in October. If your CompactPCI application needs a large number of conference ports, this new XDS board is your perfect answer. The board includes the XDS enhanced tone clamping and energy detection features. The tone-clamping feature prevents DTMF tones from disturbing conference participants, but allows them to be used for setting up and breaking down a conference. The energy-detection feature locates the most active talkers in the conference.

**Please send me more  
information on:**

- XDS Multi-Chassis Solutions
- XDS BRI Solutions
- XDS Conferencing Solutions
- XDS Analog Line Interface Solutions
- XDS Wireless Interface Solutions
- Please send me pricing information.

**Platform Type:**

- H.110 CompactPCI
- H.100 PCI
- MVP
- SCSA

Name \_\_\_\_\_

Company \_\_\_\_\_

Title \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Country \_\_\_\_\_

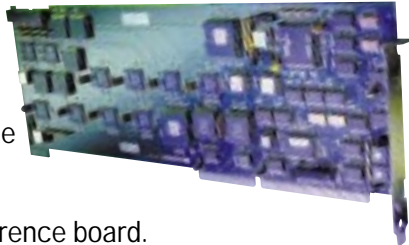
Phone \_\_\_\_\_ Fax \_\_\_\_\_

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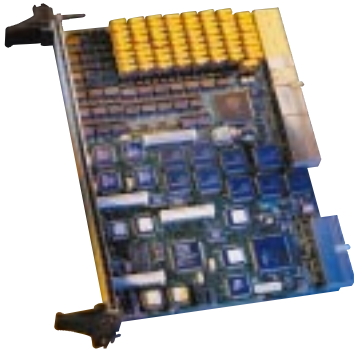
Application \_\_\_\_\_

### Conference Board, continued

AMTELCO offers additional XDS Conference boards, including the XDS H.100 PCI 128-Port Enhanced Conference board, the SCSA 256-Port Enhanced Conference board, and the XDS MVIP 128-Port Enhanced Conference board. Visit [xds.amtelco.com](http://xds.amtelco.com), or call (800)356-9224 or (608)838-4194 for details.



### XDS BRI News



There are several new developments with the XDS H.110 CompactPCI 32-Port BRI board. The XDS BRI board was selected for a number of new central office and call center projects because of its high density, the ease of implementing a Unix driver, the ability to provide TE or NT connections on a port-by-port basis, and the H.110 CompactPCI Hot Swap capabilities.

Other XDS BRI Solutions include the H.100 PCI 16-Port BRI board, the H.100 PCI 4-Port BRI board, and the MVIP/SCSA 12-Port BRI board. Go to [xds.amtelco.com](http://xds.amtelco.com), or call (800)356-9224 or (608)838-4194 for more information.



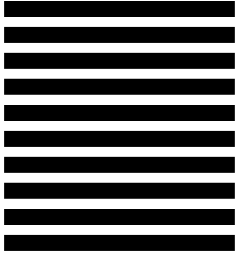
Technology covered under patents 5420852, 5341368 and others.



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