



ADAX DEBUTS NEW BROADBAND COMMUNICATION CONTROLLER WITH 4 x OC3/STM-1 TRUNKS FOR ATM AND ATM-IP INTERWORKING

ATMIV offers smooth migration to Next Generation Networks

12th June, Reading, UK- Adax Europe Ltd, a leading supplier of signaling solutions, is pleased to announce the availability of the ATMIV AdvancedMC broadband Communication Controller. The ATMIV offers four OC3/STM-1 or two OC12/STM-4 trunks and is the perfect interface to process ATM and IP signaling and bearer traffic. The board and driver provide advanced capabilities, including AAL2/5 to UDP/IP interworking, and IP routing and forwarding over ATM. The on-board processor handles thousands of packets per second placing minimal load on the host, maximising application performance and minimizing service degradation for the customer.

This generation of board is based on the state of the art Wintegra Winpath2 Processor technology, and as with all Adax technology, it continues to provide a smooth transition for customers migrating from legacy SS7 to Next Generation Networks such as IMS. Not only does the ATMIV support multiple protocols simultaneously, it is also capable of processing multi-media traffic which is fundamental for IMS networks. Furthermore, the ATMIV has a consistent API with previous generations of Adax ATM cards, allowing customers to easily upgrade their applications, systems and architectures seamlessly with minimal development time, providing fast time to market and reducing CAPEX and OPEX.

Designed for use in AdvancedTCA and MicroTCA platforms, the product serves high availability, high bandwidth carrier applications in wireless 3G and 4G, fixed and mobile convergence and Next Generation Networks such as RNCs, MSCs, Node Bs, Voice over Packet, and Video Streaming.

“The advanced capabilities of the ATMIV make this board the definite choice for Operators that are migrating towards Next Generation Networks, and so far the interest in this board has been phenomenal” comments Robin Kent, Director, European Operations at Adax Europe. “This board enables development flexibility in building next generation infrastructure and can be configured in many ways depending on customer applications and preferred architecture. This flexibility enables integrators to satisfy a wide range of requirements with a single core architecture, saving development time and allowing integration ahead of competition,” continues Kent.



Adax is celebrating its 25th anniversary this year, and with many years of experience in the signaling industry, the company understands that it will take time to fully transition to ATCA and IMS. Therefore, Adax will continue to provide the full range of signaling requirements for SS7, ATM and IP, across all form factors and supported by a common architecture with a single driver and uniform API.

The ATMIV will also be available in PCIe format. Evaluations of the new product will commence in the next few weeks and general availability is scheduled for Q3.

Technical Specifications

- 4 x OC3 / STM-1 or 2 X OC12 / STM-4 trunks
- ATM AAL2 and AAL5 on a single trunk
- On board IP to AAL2, IP to AAL5 interworking
- AAL2 and AAL5 termination
- AAL2 and AAL5 switching
- Uses the Wintegra WinPath2 Processor
- Driver and API maintained with previous generation of ATM boards
- Can be used in multiple applications:
 - RNCs and Node Bs
 - SGSNs and GGSNs, MSCs and SGs
 - IWF Platform
- Software Drivers for Linux, Solaris X.86 and Solaris SPARC as standard. Other OS support is available on request.

About Adax Europe Limited

Specializing in signaling infrastructure for over 25 years, Adax offers a complete set of protocol controllers, integrated software and signaling gateways that provide world class solutions for today's telecommunications networks. Adax high performance products are available for SS7, ATM and IP protocols for PSTN, GPRS, 3G and IMS networks.

Adax signaling solutions deliver the high performance, total scalability, fast time to market and rapid return on investment that are essential for telecom companies to stay ahead in a competitive and ever-changing industry. Adax customers include some of the world's premier telecom equipment manufacturers, value added services (VAS) providers, systems integrators and telecom test and monitoring organisations such as Alcatel-Lucent, Apertio, Bharti Telesoft, Ericsson, IP Access, Motorola and NetHawk.

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