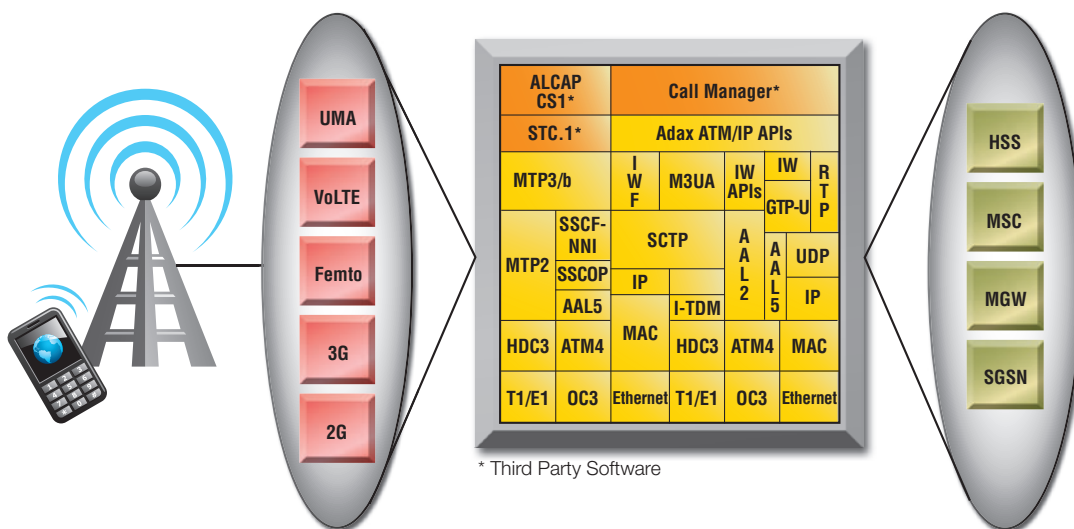


Software Foundations for ATCA & Rack Mount Subsystems

APPLICATION NOTE 2



Introduction: Adax Protocol Software (APS) is a suite of modules optimized for Adax hardware products. Common APIs enable swift integration of user applications. Adax APS offers HDLC, SS7, X.25, Frame Relay, LAPx and SIGTRAN modules. Adax APS provides a solid foundation of high-performance, low-overhead protocols for ATCA and Rack Mount Server telecom products and services.

QuickPort for Adax PacketRunner (APR) and PktAMC: A complete Linux development suite to speed porting your own or 3rd party applications to the APR or PktAMC. Adax has modified and enhanced the standard Cavium SDK (Software Development Kit) based on years of engineering kernel-level development experience. The resulting SDK greatly reduces development effort and cost, providing a fast time to market for your application. You will be up and running in record time with Adax QuickPort.

AdaxGW: A single software image configurable and reconfigurable to meet signaling and user plane requirements in the emerging All-IP Network. AdaxGW supports legacy SS7 LSL, Annex A and ATM HSL connections to any SIGTRAN enabled network node. Available on a blade or 2U standalone system the AdaxGW software image can be easily integrated into your platform of choice: cPCI, ATCA SBC, Adax APR or a PrAMC.

About Adax Specializing in Foundations for the All-IP Network, Adax offers a complete set of I/O controllers, blades & signaling gateways for SS7, ATM & IP packet processing, signaling & interworking. Adax high performance products meet today's challenges of I/O scalability, cost effectiveness and high availability in LTE, 4G, NGMN and IMS networks.

SIGTRAN: IP-based signaling modules for M3UA, M2PA, and SCTP offer field proven performance and reliability. Combined with other Adax products, APS SIGTRAN offers developers a complete suite of software and hardware solutions.

ATM4 Driver & Q.SAAL: Supports user and control plane with AAL2 data, AAL5 signaling and data, SSCF/SSCOP, and ATM-IP interworking simultaneously. The ATM4 is a reliable resource for real-time voice and video over AAL2, ATM signaling and IP data over AAL5 bridging 3G and 4G networks.

HDC3 Driver with I-TDM: A single software driver with a common API for all HDC3 form factors saves development efforts for fast time to market. The driver supports multiple cards per system for scalable I-TDM voice and MTP2/AMT signaling simultaneously. The end result is a flexible and cost-effective solution ideal for any generation network node.

Frame Relay: Provides simple to sophisticated Frame Relay solutions on cost-effective Linux or Solaris platforms. Three versions of the product are available: Host/Node for LAN/WAN gateway access; Multi-Port Switching for switching applications and redundant or multiple network access; Multi-Port/Multi-Protocol Switching for multi-purpose access. The standard API is consistent across all three modules.

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