All in one SIP Trunking and QoS Appliance

Converged Access's CAP device offers Plug n Play SIP Trunks and WAN optimization bandwidth for small, medium and large enterprise customers. Deliver Toll Quality telephony over the open Internet and bandwidth management for overall IP application assurance.

Competition in the IP WAN services market is intensifying. Incumbent carriers are expanding their service footprint while new competitive providers, including cable and power companies, are entering the market. All consider Small and Medium Business/Enterprise (SMB/SME) and enterprise branch networks to be important opportunities to grow service revenues.

Voice over IP (VoIP), IP videoconferencing and converged or "triple play" services that integrate IP voice, data and video are clearly marked as opportunities to deliver business-quality IP services to this SMB/SME and remote office target. The ability to cost-effectively deploy and grow these managed services one-customer-a-time is critical to meeting the service provider's business case. The CAP securely guarantees application performance while optimizing WAN efficiency for businesses with growing IP voice, data and video applications.

The Converged Access Point (CAP) has the ability to deliver granular and precise performance guarantees. The system integrates advanced QoS technologies including packet optimization, priority, call admission, TCP rate shaping, and Class Based Queuing to ensure that each application and voice call meets required bandwidth, priority and response time guarantees.

There is an Ethernet only Version with 4 FXS ports for SIP Trunks and an Ethernet + Wireless Version for small offices that use wireless IP Phones.


The CAP eliminates the need to install and maintain as many as five separate products. It integrates IP QoS, firewall, VPN, and more in an all-in-one platform that enables secure, SLA-managed VoIP, IP videoconferencing and business IP services for SMB/SME and remote office customers.

- The integrated VPN gateway is VPNC conformant and fully interoperable with leading multi-vendor VPN solutions. The product supports a full range of PPTP, L2TP and IPSEC VPN encryption and authentication mechanisms.
- The CAP's integrated, application-aware firewall offers stateful inspection, it is ICSA Labs level 4 compliant, and it is VoIP-aware

- The CAP is also easily integrated with an existing router network, providing the option to operate as a bridge with integrated traffic management, firewall, and VoIP gateway services.
- Support up to four legacy voice and fax connections within the same compact CAP platform.
- The CAP optionally includes an 802.11b/g wireless access point enabling mobile client access to the same application performance and security features available to wired network users.

Recent tests have shown that Converged Access QoS technology delivered toll-quality MOS scores for up to 50 concurrent VoIP calls over a T1 circuit—while achieving over 95%utilization of the link capacity. This efficiency makes the CAP ideal for companies that must optimize WAN cost while adding new, performance sensitive applications like VoIP.

Bonded N x T1 Access Link

Wide Area Network
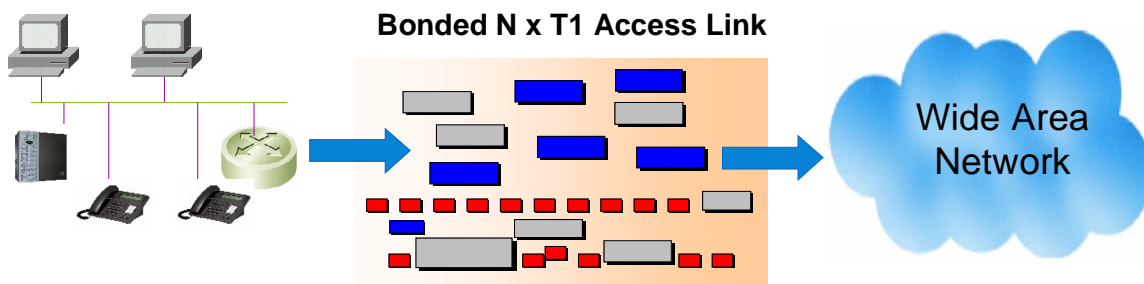
Service providers benefit when the CAP is easily deployed as part of a managed VoIP, security or converged service.

Target Customers: SMB using SIP Trunks from VoIP Service Provider
SMB branch office solution deployed by VAR to interconnect
branch offices