



Trusted. Certified. Secure.

AEP Networks offers secure communications, networking and application access for government, enterprise and carriers. We work with systems integrators, managed service providers and the distribution channel to deliver integrated solutions incorporating our leading edge products:

- Enhanced-grade secure voice and multi-service data platforms (based on the vadOS operating system) that support a wide range of communications protocols and network topologies
- High assurance networking via IPsec-based VPN encryptors for site-to-site security and remote access
- Hardware Security Modules (HSMs) for cryptographic key management and storage
- Secure remote access to networks and applications – including virtual environments – via application-layer security gateways and SSL VPNs.



Products

AEP Netilla®

The AEP Netilla family of products enable secure remote access via a browser-based Web portal. Next-generation SSL VPN solutions for secure application access via multiple modes (thin client, Web, SSL tunnel) to support the broadest range of enterprise applications; comprehensive client integrity; advanced V-Realms authentication engine. The Netilla VE virtual edition enables rapid deployment of remote access projects on-demand within an existing virtualized server infrastructure. Optional load balancing for failover and scalability. AEP Networks holds a U.S. patent for various foundational SSL VPN technologies.

Certifications: FIPS 140-2 Level 4, ICSC Labs, CSIA

AEP SmartGate

AEP SmartGate is an identity-based application-layer security gateway that enables secure remote application access across largescale collaborative information sharing environments. Key features: federated identity, strong authentication (included), scalability to 100,000+ users. Software-based product runs on leading hardware platforms, including Solaris, Linux and Windows.

Certifications: FIPS 140-2, JITC

AEP vadOS Products & Solutions

Products and solutions designed to enhance voice and data communications across any bearer (often where conventional communications are not available or where it is uneconomical to buy or supply fixed infrastructure) to connect remote locations with home-base services. Reliable, cost efficient and tailored solutions. Accreditation: ISO 9001:2000 and ISO 27001

AEP Net AEP Net Remote

The AEP Net family of specialized IPsec-based VPN encryptors enables high assurance site-to-site network-layer security and remote access. Tamper reactive platform provides communications layer data separation, source authentication and confidentiality for IP network traffic. Fully centralized AEP Net Management System designed to minimize implementation and running costs. Available with a variety of configurations with resilience and disaster recover functions.

Certification: CESG CAPS Enhanced Grade (Baseline Option)

AEP Keyper

AEP Keyper HSM (hardware security module) provides a tamper-reactive environment for key generation, storage and use providing centralised secure PKI management and storage. Incorporating high performance cryptographic accelerators. Features include fast signing signature and hardware seed key generation.

Certification: FIPS 140-2 Level 4

Customers and Vertical Markets

AEP products are used by more than 4,000 public and private-sector enterprises in over 60 countries. Select customers: U.K. Government (various departments); British Army; Dundee City Council; Netherlands Government (Ministry of Transportation); U.S. Government (Departments of Defense, Justice, Homeland Security); U.S. Federal, state and local law enforcement network; Telenor; Telstra; Vodafone; Colt Telecom; Telewest; Bank of China; Marks & Spencer; Gemeente Rijssen-Holten; Medical Associates of the Lehigh Valley; Higashi-Matsuyama Medical Association Hospital; Operation Respond Institute; Deborah Heart & Lung Center; Virtua Health; Herr Foods; MTV Networks Europe; Southern University; eWeb University; CRU; TimePlus Payroll; Stratosphere Hotel and Casino; Johnson-Matthey; Conrail; First Engineering; Lockheed Martin; Odeon Cinemas; ICANN.

Testimonials

“Over the last seven years, Vados Systems [now AEP Networks] has developed a reputation within the DCSA as a quality data communications company, offering unique solutions and delivering efficient and effective after-sales support.”

Mike Tomlins, MBE, Defence Communications Services Agency

“Our customers deploy the AEP Keyper hardware security module for compliance with digital signature directives, to provide best practice security for sensitive information. Keyper is certified to FIPS 140-2 Level-4, the highest FIPS accreditation, which is an important consideration for our customers.”

Gavan Egan, Vice President, Sales EMEA, Verizon Business

“SmartGate provides an effective, secure external link for our customers, employees and suppliers. Amtrak has leveraged this technology to support its business operations and to drive down the cost of procurement.”

Jim Flanagan, AVP, Technical Operations, Amtrak

“If it hadn’t been for Netilla, doctors and labs wouldn’t have been able to connect with the hospital. By setting up remote access, we lessened the ‘life or death’ situation...this was a great lesson in disaster recovery.”

Terry Evans, CIO, Thibodaux Regional Medical Center

“AEP’s Netilla Security Platform has great thin client and app support.”

Robert Whiteley, Forrester Research, “SSL is the Future of Remote Access VPNs”

“The AEP Netilla Security Platform is a great product that works well out of the box. It’s quick, easy to use, administer and maintain, it does what we need it to do and provides secure, quick and simple remote access from anywhere, anytime.”

Craig Hyde, Implementation Analyst, Cambridgeshire County

Technology and Distribution Partners

AEP Networks partners with best-of-breed technology innovators around the world to provide a turnkey solution; strategic partners include Sygate/Symantec, RSA Security, ActivCard, Aladdin, VASCO Entrust and BeCrypt. We market our products through an extensive global network of channel partners, value added resellers, distributors and systems integrators. These include: Alternative Technology, Bell Microproducts, Magirus, Westcon Security, Espion, PrimeKey Solutions, Retec Technology, KoreaNet, MobileTech, Marubeni, Sumisho Computer Systems Corp., BT, Cable & Wireless, and Verizon Business.

General Information

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Accreditation

