



Corporate background

Trusted Security Everywhere

Applicable markets

- Governments: UK, EU and international
- Defence
- Intelligence and diplomatic services
- Emergency services
- Managed service providers
- Large enterprises

Fast facts

- Government, military and enterprise organisations have trusted security technologies developed by Ultra Electronics AEP Networks for more than 20 years.
- AEP Networks has deployed thousands of instances of its next generation Secure Application Access Gateway. This product provides policy based seamless access to applications and secures client end points.
- On June 16, 2010, AEP Networks Key Security and Management product signed the DNSSEC root of the internet, the dot - generating, managing and storing the keys on which the global DNSSEC hierarchy depends.
- In Sept 2010 AEP Networks was the first to market Security as a service (SECaaS) for service providers to provide a secure cloud computing environment with utility pricing.
- AEP Networks delivers secure deployable multi-bearer communications systems to the commercial, government and military user communities enabling worldwide integrated voice and data communications.
- Partnerships with BT, Fujitsu, HP, Microsoft, Verizon, Cable & Wireless and the UK Government.

“ Ultra Electronics AEP Networks offers world leading technology that allows IT departments to connect their end users to their corporate applications as securely and reliably as possible. These solutions are designed to not only provide high levels of security but are the fastest to implement and offer the most flexible licencing options for cloud-based infrastructures. ”

AEP Networks

Ultra
ELECTRONICS

Products include:

Ultra Encrypt - Enhanced network encryption

"IPsec VPN Encryptor that protects IP traffic across open networks."

Organisations are relying more and more on the internet to conduct their business and therefore need to ensure that steps are in place to protect the confidentiality and integrity of their data. AEP Networks enhanced network encryption allows the deployment of government grade IPsec based security that protects confidential communications over public and private networks. The product set implements AEP Networks innovative Over the Air Rekeying (OTAR) and compromise management (stun / kill) techniques as well as sophisticated centralised management of encryptor configuration and cryptographic communities of interest.

Ultra Safe - Key security and management

"A highly secure cryptographic key system that generates and stores high-quality keys in a tamper-resistant device"

The quality and safe storage and management of cryptographic keys is critical to the integrity of any key-based security system. AEP Networks key security and management solution is a Hardware Security Module (HSM) that is independently proven to generate excellent quality cryptographic keys that are then stored in a purpose built HSM that, unlike others, is not exposed to general-purpose operating system vulnerabilities and positively erases all keys if the unit is attacked and designed to support Suite B which includes elliptic curve cryptography.

Ultra Communicate - Multi-bearer communications

"Platform for automated multi-bearer network selection, configuration and optimisation with data security options"

Organisations that rely on resilient bearer of opportunity communications to provide versatile voice and data communication between remote and central sites, deploy AEP Networks Ultra Communicate products to establish and manage network connections automatically – the platform supports connections over all types of broadband and narrow band networks including satellite (serial and IP), IP, 3G, PSTN and ISDN.

Ultra Communicate platforms are available in network platform, deployable and portable versions, scalable from remote office down to single user deployments. The platform offers in-built encryption for data security or can be integrated with AEP Networks encryption devices or third party encryption units. Uniquely, Ultra Communicate also enables user organisations to transport and optionally encrypt multiple protocol data sources (serial, analogue, terminal emulation etc) over a common network connection.

Ultra Protect - CloudProtect

"A virtualised secure application access gate subscription service to control application access in cloud-based environments."

The implementation of Cloud services whether private, public or hybrid is the most effective way to enjoy lower costs, faster start-ups, higher performance and maximum flexibility. CloudProtect is a Pay As You Go (PAYG) Security as a Service (SECaaS) aimed at service providers, delivering highly secure, policy-

based application and network access. As a subscription-based, virtualized service, there are potentially no up-front capital expenses (CAPEX) allowing service providers to quickly generate revenue by servicing customers. CloudProtect application security is scalable on demand ensuring that service providers only pay for what they use, and when they use it.

Ultra Protect - LanProtect

"A secure application access gateway to control application access from any client platform."

LanProtect runs within existing assets, maximising utilisation. Easily delivering secure, virtual, remote access over any network and from any device. Deploy as many virtual machines as needed for user access scalability and for disaster recovery.

Benefits include:

- Instant Savings. No need to dedicate more hardware and you save on power and cooling costs as well as rack space. A virtual gateway solution from AEP Networks is the new, green way for providing your customers with secure and fully featured enterprise and government remote access.
- Scale Quickly. Spin up as many virtual machines as needed and immediately meet your growth demands without costly and time-consuming hardware deployments.
- Highly Secure. Two-factor authentication, comprehensive endpoint security, role-based application delivery, and much more are available with each user license.

LanProtect is also available in a number of hardware models:

2500, 4500, 6500, 8500, based on number of user licenses and size of organisation.

SecureAccess

SecureAccess is a highly secure resolution for iPad users, to allow them to connect to and run all their corporate application securely from their iPad. SecureAccess verifies the iPad is authorised to connect securely to the corporate network and will display only those applications that the user is allowed to access based on corporate policy.

Ultra Protect - LanProtect/CloudProtect Assurance

"An additional layer of security to protect confidential data accessed via AEP Networks CloudProtect and LANProtect Application Access gateway solutions."

LanProtect and CloudProtect delivers a high degree of security to corporates requiring user access to their corporate applications. However, in order to provide the maximum level of protection for confidential data, an addition layer of security around the cryptographic keys should be deployed. AEP Networks Assurance integrates with CloudProtect and LanProtect to deliver an advanced key storage solution that can be used to generate, secure and manage high quality cryptographic keys. The platform is tamper-resistant and is not vulnerable to attack from the network. This all provides the highest level of key security which results in the highest degree of application access security.

Service and Support

AEP Networks have a wide range of professional services, support and training packages available to help install, configure and maintain a secure application access infrastructure. These tiered services are designed to match your business requirements and can provide you with different levels of telephone support and replacement services depending on the criticality of your deployment.



Ultra Electronics

AEP NETWORKS

Knaves Beech Business Centre

Loudwater

High Wycombe

Buckinghamshire, HP10 9UT

Main Switchboard: +44 (0)1628 642 600

Email: information@ultra-aep.com

www.ultra-aep.com

www.ultra-electronics.com