



AVEVA selects Evolve to deploy Palo Alto Next-Generation Firewall to strengthen security for its complex application environment

Application visibility and control appliance provides in-line protection for 20 sites for leader in engineering IT software and services.

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Gary Martin
System Administrator for AVEVA

Evolve Secure Solutions, a specialist provider of storage, security and infrastructure has announced a successful project at AVEVA, an engineering IT software provider, that has deployed a Palo Alto Networks solution to improve the definition, enforcement and administration of security policies. AVEVA is a clear market leader in tools and services to help large engineering projects. 85% of the world’s top 50 shipbuilders and Plants owned by 27 out of 30 of the world’s top-quoted chemical companies were designed using technology from AVEVA.

AVEVA places a great deal of importance on security, both to protect its own IT systems and intellectual property. Security is also critical for new areas such as its AVEVA NET which provides a powerful, ISO15926-compliant information management hub to control, link, evaluate and deliver all types of data and documents - not just engineering information - in a secure environment, regardless of application and format.

The company has used a legacy Cisco ScanSafe solution alongside traditional Firewall and Antivirus systems for many years to protect over a 1000 users spread across 20 sites supporting operations in 10

countries. However, it was felt that a higher level of protection was needed to secure against emerging threats while delivering a centralised in-line security architecture that could not be circumvented by its highly technical staff to ensure AVEVA’s security policy is enforced effectively.

“We have worked with Evolve for a number of years and they have a habit of introducing us to the type of technology that really interests us,” explains **Gary Martin**, *System Administrator for AVEVA*, “With Palo Alto, Evolve have helped us build a platform that allows us to improve the granularity of our security posture.”

The implementation uses just three Palo Alto 4020 and 2020 appliances at key hub locations in the UK, Asia and the US to enforce security policy for all traffic passing over the firms MPLS Global WAN. The solution allows AVEVA to gain better visibility over file sharing, collaboration, and social networks; just a few types of applications that are capable of hopping from port to port, using encryption and non-standard ports all as a means of evading traditional firewalls.

AVEVA

case study



The Palo Alto system also provides AVEVA with better application visibility and control; to help them build better processes to deal with loss of productivity, compliance issues, threat propagation and data leakage.

"The solution has been successful so far and it will form the basis of our commitment to ensure the highest levels of IT security for both our own assets and the IT services we provide to our clients," explains Martin.

Palo Alto Networks technology enables visibility and policy control of thousands of applications running on enterprise networks by accurately identifying applications regardless of port, protocol, evasive tactic or even SSL encryption at 10Gbps with no performance degradation. The firewall can then block or curtail the ability of applications including peer-to-peer, social networks or even malicious software communication over the network.

"Clients like AVEVA who have a growing community of users, clients and projects that using a wide variety of applications are turning to Palo Alto to give them more flexibility than legacy firewalls," comments **Rick Gray, Sales Director at Evolve Secure Solutions**, "It is not just Trojans, Viruses or Malware that are the issue but a growing number of websites and applications that are designed to bypass and evade traditional firewalls and website filters to allow users to view illicit material, leak sensitive data or bring dangerous content into the network."

Gray believes that many organisations are getting frustrated with trying to block traffic simply by port or IP header as the line between authorised traffic and unauthorised traffic starts to blur.

"We have certain customers who use collaborative and peer-to-peer tools as legitimate parts of their business and Palo Alto allows them to define more granular security policies on a per application basis and not just across entire types of traffic."

About Evolve Secure Solutions

Evolve Secure Solutions Ltd is a specialist provider of storage, security and infrastructure services and solutions to enterprises. Founded by individuals with over a decades experience within the IT industry, Evolve deliver a proven and innovative portfolio of products and services to leading UK corporate customers within financial and professionals services, retail and manufacturing.

With a core of top level vendor accreditation and strong delivery processes based on Prince 2 and ITIL best practice, Evolve has established long standing relationships with its clients to help deliver high value IT solutions. To help its clients meet the challenges of modern business process and to improve flexibility, Evolve has an extensive solutions portfolio that can be delivered via the use of on-site IT, hosted applications and remotely managed services.

For more information, please visit www.evolvesecure.com

About AVEVA

AVEVA is trusted around the world to deliver engineering design and information management solutions with strategic value to leading companies in the plant and marine industries.

For further information please visit www.aveva.com/ednotes

About Palo Alto Networks



Palo Alto Networks, based in Sunnyvale, California, is the leader in next-generation firewalls, enabling unprecedented visibility and granular policy control of applications and content by user, not just IP address at up to 10Gbps with no performance degradation. Based on patent-pending App-ID™ technology, Palo Alto Networks firewalls accurately identify and control applications regardless of port, protocol, evasive tactic or SSL encryption and scan content to stop threats and prevent data leakage. Enterprises can for the first time embrace Web 2.0 and maintain complete visibility and control, while significantly reducing total cost of ownership through device consolidation.

For more information, visit www.paloaltonetworks.com.

