



WILLIAM
DATA SYSTEMS

Recycle SNA investments with secure, encrypted IP technology

For most companies, protecting business-critical data is an imperative. So is reducing cost. One of the challenges facing organizations is figuring how to preserve business critical applications while saving costs by utilizing Internet Protocol (IP), today's network protocol of choice.

IBM's Enterprise Extender (EE) architecture has become the strategic choice for companies wishing to preserve their investment in legacy application code based on Systems Network Architecture (SNA). It is a powerful solution because it allows SNA data to flow over an IP network but it does not offer optimal levels of security. To complete the solution, ZEN EE SECURITY (ZES) - formerly known as APIAS, protects your EE traffic, ensuring the integrity of business-critical datastreams.

ZEN EE SECURITY, developed by William Data Systems, allows your business to both reduce costs and increase security. This specialized tool guarantees data integrity, and provides encryption and authentication for your most vital asset – your data.

ZEN SOLUTIONS

ZEN EE SECURITY is a prime component of ZEN, the William Data Systems suite of network management solutions. ZEN enables a comprehensive insight into System z network operations and availability by offering targeted solutions, adapted to meet your unique business needs.

The suite consists of the ZEN browser interface and a selection of network management solutions that provide network performance and availability management, monitoring, tracing, automation, reporting and security. ZEN solutions are critical for maintaining business continuity and meeting network service level agreements.

ZEN EE SECURITY

Legacy mainframe applications remain widely used with more than 50 percent of all business applications based on IBM's SNA. IBM developed Enterprise Extender (EE) to help customers migrate SNA to IP; but this technology has security limitations. ZEN EE SECURITY enables businesses to preserve their investment in SNA applications and Transmission Control Protocol/IP (TCP/IP) networking devices, safe in the knowledge that security is not compromised.

ZEN EE SECURITY:

- Preserves your investment in SNA applications
- Enables EE deployment securely across any network
- Reduces costs by removing the dependency on leased line hardware and associated 3745 hardware and software overheads
- Reduces cost of future growth by removing reliance on aged/obsolete proprietary hardware
- Maintains your company's preferred networking topography
- Certifies the identity of session partners
- Guarantees data integrity
- Realizes rapid return on investment
- Takes advantage of IP networking advances
- Implements solution with no disruption to core business applications
- Includes exceptional customer support
- Developed by William Data Systems, experts in IBM z/OS network management solutions and EE

ZEN EE SECURITY – FEATURES

Available for all platforms where EE is available, ZEN EE SECURITY provides a range of security options and additional functionality that add value to the base IBM EE offering, whether in the datacenter or at the branch level (2216, Cisco SNASw, etc.). ZEN EE SECURITY applies the industry standard security facilities of digital certificates and Secure Sockets Layer (SSL) to the SNA payload, ensuring that data is fully encrypted and authenticated.

- Eliminates potential conflicts with firewalls: no UDP packets traverse the network
- Only encrypted packets leave the mainframe
- Minimizes the use of system resources
- Enables industry-standard SSL/TLS encryption
- Supports IBM's AT-TLS network security feature
- Supports industry-standard authentication via digital certificates
- Enables EE usage in multiple-IP-stack/single LPAR environment
- Secures your network over a variety of network and OS configurations
- Supports all EE supported platforms (Windows, AIX, Linux etc)

SUPPORT

As confirmed through an independent survey of William Data Systems customers, we have built an exceptional reputation for outstanding customer support. We provide comprehensive, effective and highly responsive support for WDS products at all stages of their lifecycle.

In addition, a wide range of Professional Services and training programs are available dependent on user demand. These can be held at WDS offices, customer sites or managed remotely via web conferencing.



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William Data Systems (WDS) is a pioneer of specialized z/OS network management solutions. Established in 1993, we provide innovative solutions to run mainframe networks efficiently and securely. ZEN, the WDS network management suite, offers a selection of user-friendly and cost-effective solutions to meet your unique needs. To overcome both business and technology challenges, WDS provides customers with licensing and pricing terms that are as flexible as our solutions.

WDS supports customers worldwide in sectors such as finance, banking and manufacturing, and our client list includes Fortune 100 companies and government agencies. WDS is an IBM Business Partner and a member of the IBM PartnerWorld for Developers program. We are committed to the global z/OS networking market and to leading the way with innovative solutions through the latest advances.

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To learn more about
WDS ZEN solutions,
for support or to contact
our offices, visit
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