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Data Sheet (DSX-100s)

infosecurity peace of mind
Authenticating the World

Overview

The DS3 Authentication Server Solution is the complete 2-factor authentication solution to provide end-to-end security for passwords & highly sensitive information to secure electronic transactions.

Applications such as Internet/Phone Banking, Stock Trading and remote ASP services require this enhanced security for protection against cryptographic and Trojan attacks.

Solution features include: Java Applets, a powerful cryptographic engine; GUI administration; digital signatures; a full-fledged token management system for all combinations of 2nd factor hardware tokens, SMTP/SMS and Software J2ME and PC tokens.

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DSX-100s

Key Components

- DS3 Authentication Server Appliance
- Token support for hardware, software, Messaging (SMTP/SMS).
- DS3 ClientAPI for JAVA application servers and Microsoft IIS
- Java Applets for End-to-end Security
- FIPS-certified Hardware Security

DS3 Authentication Server Solution

2 Factor Security Server Appliance	
DS3 Authentication Server Appliance (DSX-100s)	<ul style="list-style-type: none"> • 19" 2U EIA Rack-Mount Server • 2 x Intel XEON Quad-Core CPU • 4 GB RAM • 1 x 146 GB Hardisk for Applications • 2 x 146 GB Harddisk in RAID-1 for data • Secure Client API • Embedded software HSM • Embedded Database • 10/100/1000 Ethernet connectivity • Hardened OS with built in packet-filtering Firewall • True Random Number Generator • Dual Power Supplies for redundancy (optional upgrade)
Performance	<ul style="list-style-type: none"> • 100 end-to-end Auth/sec • Support up to 5,000,000 users • 5,000 Concurrent Login Sessions • 300 OTP Generation/sec • 100 RSA-1024 decrypt/sec
Vendor Client Supported	<ul style="list-style-type: none"> • All RADIUS Compliant clients • VPNs • Microsoft IIS • Oracle WebLogic • SunOne Glassfish server • IBM WebSphere • Apache Tomcat • TAMEb WebSeal server
Security Package	
Supported Token	Soft Tokens Supported: <ul style="list-style-type: none"> • J2ME Midlet on MIDP 1.0 • iPhone • Windows EXE • Java Applet in JVM1.5 • Android Other tokens include <ul style="list-style-type: none"> • OATH HOTP (RFC 4226) • VASCO • EMV CAP • OATH TOTP • RSA
E-to-E Java Applet (Optional)	<ul style="list-style-type: none"> • RSA1024 E2E Security • 3DES Encryption • Remote Digital Signature • Browsers: Windows IE, Netscape