



Data Sheet (DSX-50S)

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-50S

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
- Embedded software HSM

DS3 Authentication Server Solution

Two-Factor Security Server Appliance

DS3 Authentication Server Appliance (DSX-50S)	<ul style="list-style-type: none"> • 19" 2U EIA Rack-Mount Server • 1 x Intel XEON Quad Core CPU 2.0 Ghz • 2 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"> • 50 end-to-end Auth/sec • Support up to 500,000 users • 1,000 Concurrent Login Sessions • 250 OTP Generation/sec • 50 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	<p>Soft Tokens Supported:</p> <ul style="list-style-type: none"> • J2ME Midlet on MIDP 1.0 • iPhone • Windows EXE • Java Applet in JVM1.5 • Android <p>Other tokens include</p> <ul style="list-style-type: none"> • OATH HOTP & TOTP • VASCO • EMV CAP • 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