



Data Sheet (DSX-50)

**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.

For more information, please contact DS3 at:

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DSX-50

**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 Module

**DS3 Authentication Server Appliance**

**Two-Factor Authentication Solution**

<b>Enterprise BetterThanPin</b>	<ul style="list-style-type: none"> <li>• 19" 2U EIA Rack-Mount Server</li> <li>• 1 x Intel XEON Quad Core CPU</li> <li>• 2 GB RAM</li> <li>• 1 x 146 GB Hardisk for Applications</li> <li>• 2 x 146 GB Harddisk in RAID-1 for data</li> <li>• Secure Client API</li> <li>• FIPS-certified HSM</li> <li>• Embedded Database</li> <li>• 10/100/1000 Ethernet connectivity</li> <li>• Hardened OS with built in packet-filtering Firewall</li> <li>• True Random Number Generator</li> <li>• Dual Power Supplies for redundancy (optional upgrade)</li> </ul>
<b>Performance</b>	<ul style="list-style-type: none"> <li>• 50 end-to-end Auth/sec</li> <li>• Support up to 500,000 users</li> <li>• 1,000 Concurrent Login Sessions</li> <li>• 250 OTP Generation/sec</li> <li>• 50 RSA-1024 decrypt/sec</li> </ul>
<b>Vendor Client Supported</b>	<ul style="list-style-type: none"> <li>• All RADIUS Compliant clients</li> <li>• VPNs</li> <li>• Microsoft IIS</li> <li>• Oracle WebLogic</li> <li>• SunOne Glassfish server</li> <li>• IBM WebSphere</li> <li>• Apache Tomcat</li> <li>• TAMEb WebSeal server</li> </ul>

**Security Package**

<b>Supported Token</b>	<p>Soft Tokens Supported:</p> <ul style="list-style-type: none"> <li>• J2ME Midlet on MIDP 1.0</li> <li>• iPhone</li> <li>• Windows EXE</li> <li>• Java Applet in JVM1.5</li> <li>• Android</li> </ul> <p>Other tokens include</p> <ul style="list-style-type: none"> <li>• OATH HOTP (RFC 4226)</li> <li>• VASCO</li> <li>• EMV CAP</li> </ul>
<b>E-to-E Java Applet (Optional)</b>	<ul style="list-style-type: none"> <li>• RSA1024 E2E Security</li> <li>• 3DES Encryption</li> <li>• Remote Digital Signature</li> <li>• Browsers: Windows IE, Netscape</li> </ul>