



SBX Enigma™

Delivering The Knowledge Your Applications & Services Need To Survive in a Hostile Environment

SBX Enigma™ is a web-service technology that employs a detailed blueprint of your information assets to provide your applications with fine-grained knowledge of who is authorised to access each individual component.

SBX frees you from the overheads and complexities of managing access at the actual information locations (e.g., databases, files, etc). Your applications and services are empowered by the access knowledge that SBX provides, effectively arming each application or service with its own individualised security framework.

SBX Enigma™ also provides a secure repository for high-value data elements that may be compromised if maintained in alternate repositories. Data stored by SBX may be high-value elements such as Tax ID Numbers, Account Numbers, or other sensitive, identifying details. Or, you may wish to protect components of your existing security framework such as encryption keys, network locators, or audit protections.

Regardless of the type of information involved – documents, databases, spreadsheets, or images – SBX assists your applications and services to maintain the protection of your most important information assets.

The Product

SBX Enigma™ is a network appliance that provides a secure repository for any application or service seeking to manage access to its high-value information assets.

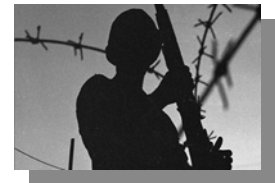
Key Features

- SBX Enigma™ API** Web Service accessible via SSL/HTTPS with access/functionality protected by dynamic session control
- In-Memory Objectstore** In-memory data persistence with configurable protection to disc back-up
- Fine-Grained Access Control** Comprehensive object-level control over access to metadata and data elements
- Internal-Administration Safeguards** Failsafe-like role-based administration employing overlapping areas of roles/authority
- Comprehensive Audit** Comprehensive audit options (who, when, what) for all Web Service activity and mandatory audit of all Administrative functions (users, metadata, ACLs)

Secure Data Storage



Gate-Keeper To Data



Audit Tracking





SBX Enigma™

SBX Enigma™ Appliance Technical Specifications

System Configuration

- Intel Quad-processor machine
- Microsoft Server 2003
- Memory: 4 GB
- Disk: NAS
- Network Interface: TCP/IP

Supported Operating Systems

- Thin Client: Windows 2000, Windows XP

LDAP Server Support

- Microsoft Active Directory

Components

SBX Enigma™ Application Software

Core data management system providing SBX functionality

- Manages authentication
- Provides structure for description of information assets
- Manages Access Control
 - for metadata and data elements
- Fine-grained audit options
 - Web Service activity, metadata creation & maintenance, data element creation, maintenance, & access
- API for client application/service interface
 - Authentication, message format & session management

SBX Administrative Interface

A thin software client providing access to SBX administrative functions

- Organisation creation & administration
- Administration of Users & User Groups
- Metadata administration
 - creation & maintenance, import/export
- Access Control administration
 - metadata, data elements
- SBX Explorer™ data viewer
- Audit administration

FalconVS™ Virtual Machine

A high performance network application server designed for mission-critical Internet applications

- Manages in-memory data persistence
- Manages concurrent access by multiple processes
- Provides full ACID transactions
- Provides secure-connection availability (SSL/HTTPS)
- Manages dynamic back-up of data persistence

FalconVS™ Console

FalconVS™ administrative functions accessed via a thin software client

- Application management
- Export & import of data persistence
- SSL certificate management
- SBX license management
- Configuration preferences & settings

