SYNCDOG .... Datasheet ....

The SyncDog SentinelSecure Container:

Enterprise Mobile Application Security and End-to-End Transactional Monitoring

THE ULTIMATE OBJECTIVE:

Balance corporate data governance and end user productivity, while controlling costs and simplifying deployment.

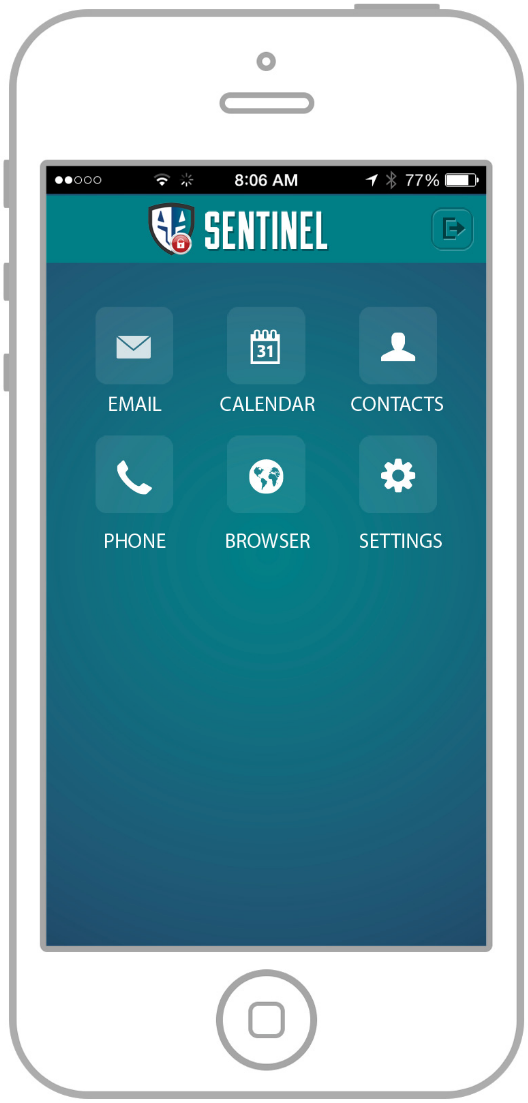
THE ANSWER:

The SyncDog SentinelSecure Container allows your organization to control and manage how the people on your infrastructure exchange relevant, time-critical information across their wireless devices.

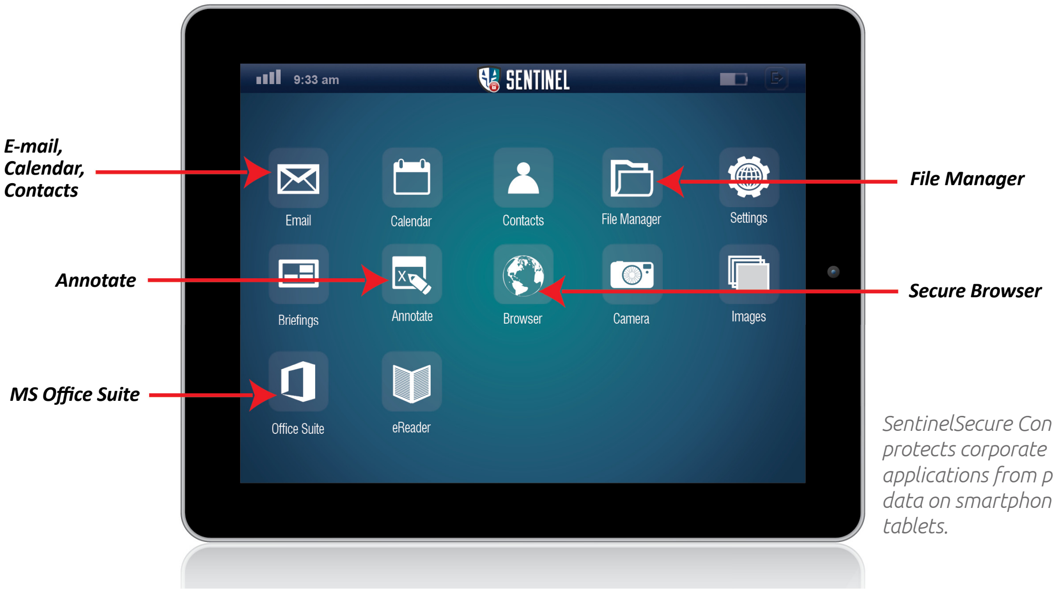
Secure Corporate Data:

The SentinelSecure Container

- To reduce the potential for network breach, corporate and personal applications are segmented via container
- Defense-Grade Secure Workspace for Corporate Data Security & Compliance
- Prevents both data leakage and virus/Trojan/malware intrusions
  - » User may copy and paste within container, however, users cannot copy and paste in or out of the container
- Provides military-grade encryption for data at rest and in-transit (FIPS 140-2 AES 256)
- An email solution that includes both S/MIME and CAC capabilities
  - » Full-featured clients for Microsoft Exchange with support for HTML e-mail, attachments, calendaring and contacts
- Secure Browser with CAC capabilities
  - » Ensures users have a seamless experience whether browsing the corporate intranet or the public Internet.
- Secure instant messaging
  - » Integrates with MS Lync, MS Office Communicator, and Google Talk



- SentinelSecure SDK allows for third-party integration for iOS and Android devices
  - » Prevents reverse engineering and allows for Data Protection, App Compliance, App-Level Threat Defense, Security Policy Enforcement, and App Integrity
- Secure Camera
  - » Pictures taken stay in the container



SentinelSecure Container protects corporate applications from personal data on smartphones and tablets.

The SentinelSecure Server

- End-to-end transactional monitoring for smartphones and infrastructure devices.
- IT-managed access controls, usage policies and remote commands.
- Ensures organizations can prove compliance in an auditable fashion.
  - » SentinelSecure uses a standard relational database management system for storing and managing data about each mobile device – user data, software, and system-level configuration information
- Secure connectors for browsers, applications and ActiveSync.
  - » Prevents the need to expose existing corporate infrastructure components to the internet.
- Adheres to corporate current corporate web browsing management restrictions
  - » Routes traffic through the corporate proxy/firewall and authenticates the user ensuring appropriate browsing rights and restrictions are granted
- FIPS 140-2 AES 256-bit data encryption
- Hardware-separated Multi-factor Authentication (MFA)
- Resilient no-NOC architecture.
  - » **Cost effective:** Does away with charges for NOCs, allows for negotiation of contracts with wireless data rates that do not include hidden NOC charges. No longer a need for a private leased line, or a private frame relay or (IP/MPLS) connection, to connect to the NOC independent of the supplier of wireless e-mail technology.

  - » **More secure:** Prevents temporary external storage of a user's email on the NOC and out of the organization's control, when the user is out of coverage. Avoids any concern about NOC's security being breached, and undetected hostile traffic entering the NOC and through to your corporate gateway or email gateway.
  - » **Limit service disruptions:** To deliver a good service, all connections between the gateway, the NOC and the mobile network must be working at all times. The NOC is outside of the company's control. Eliminating one additional component (the NOC) reduces the risk of a major service disruption.

- Support for S/MIME and CAC (Common Access Cards)
  - » SentinelSecure Container meets the Defense authentication agencies requirement – CAC
  - » SentinelSecure Container meets financial institutions requirements to encrypt confidential client information - S/MIME
- Relay Server is the only appliance that requires exposure to the Internet and can support different setups
  - » Can be placed outside the corporate firewall
  - » Can be placed in the DMZ
  - » Can be behind the firewall with only the communications port open

Improve Productivity:

Allow business users to easily and quickly access the data they need.

The SentinelSecure Container

- Full-featured clients for Microsoft Exchange with support for HTML e-mail, attachments, contacts and OTA calendaring
- Smart Office gives the ability to easily view, create, edit, print and share documents
- PDF Annotate allows users to view, add notes, and comments to an existing document.
- Access corporate approved applications
- Access to file shares to view, retrieve or save documents

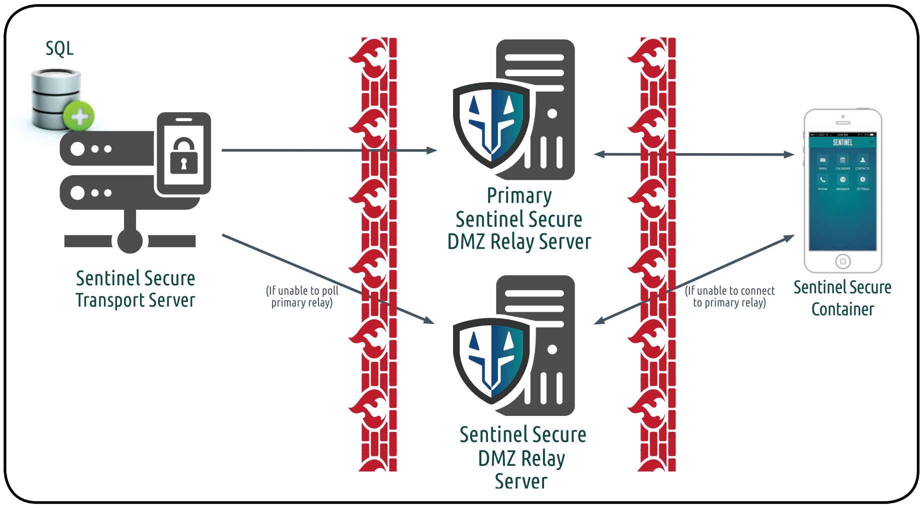
Ease of deployment:

The SentinelSecure Server

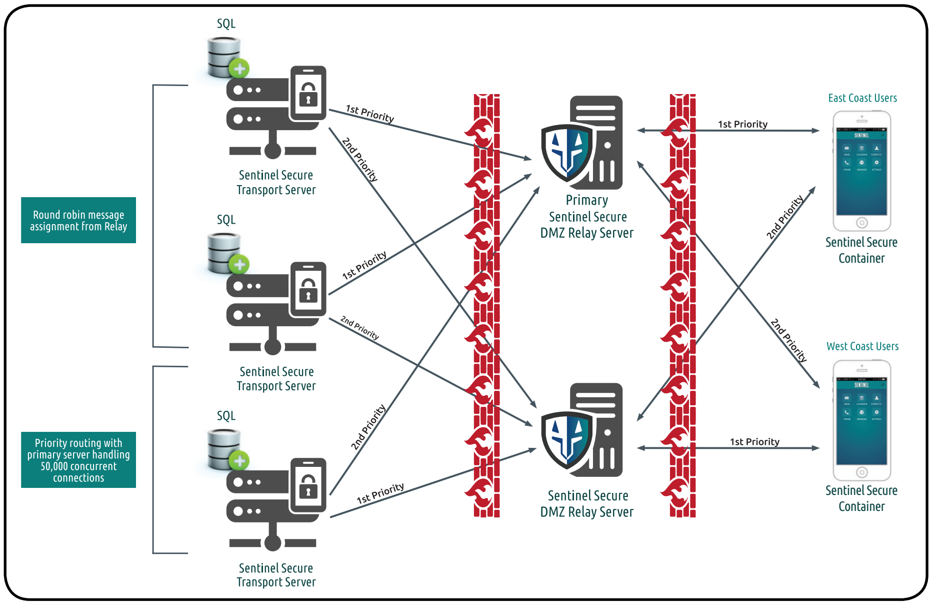
- Support popular smartphones and tablets whether BYOD or Corporate Owned
- Flexible deployment options – single- or multi-relay server with transport load balancing and failover. This approach gives it the ability to handle the volume of connections from diverse mobile operating systems in large enterprise environments, without compromising system performance and availability.
- Complementary solution that leverages your existing technology to protect previous IT investments
- Single enterprise system - complete, integrated system with single UI, no need to learn different UIs for different pieces of functionality
- Centralized administration of device provisioning, configuration and security
- Remote mobile client administration from central location with query, over-the-air lock or wipe

In Summary:

Ultimately, the SyncDog SentinelSecure Container delivers secure mobile enterprise collaboration with end-to-end transactional monitoring, and provides an audit trail for maintaining compliance standards.


SQL
Sentinel Secure Transport Server
(If unable to poll primary relay)
Primary Sentinel Secure DMZ Relay Server
Sentinel Secure DMZ Relay Server
(If unable to connect to primary relay)
Sentinel Secure Container

SentinelSecure Dual Relay Implementation


SQL
Sentinel Secure Transport Server
SQL
Sentinel Secure Transport Server
SQL
Sentinel Secure Transport Server
Round robin message assignment from Relay
Priority routing with primary server handling 50,000 concurrent connections
1st Priority
2nd Priority
1st Priority
2nd Priority
2nd Priority
1st Priority
Primary Sentinel Secure DMZ Relay Server
Sentinel Secure DMZ Relay Server
1st Priority
2nd Priority
2nd Priority
1st Priority
East Coast Users
Sentinel Secure Container
West Coast Users
Sentinel Secure Container

SentinelSecure Load Balancing by Priority Implementation