# The SyncDog SentinelSecure™ Mobile Workspace

Extending Defense-Grade Security to your Mobile IP, Data and Applications

The SyncDog SentinelSecure™ mobile containerized workspace was built in response to market demand for an affordable best-of-breed solution with military-grade security and fast-deployment capability. SentinelSecure™ operates with the security and functionality to maintain workplace productivity across mobile applications, communications tools and file management tools on the outer fringes of enterprise networks where mobile security is needed most.

SentinelSecure™ provides a great balance of end-user productivity and corporate data governance from a leading Independent Software Vendor (ISV) with more than 15 years of mobility development experience. SyncDog provides multiple purchasing scenarios for SentinelSecure™ and the container can be procured as stand-alone product or integrated component of an Enterprise Mobility Management (EMM) system from any of SyncDog's solution partners. For more information on SyncDog EMM partners, please visit www.syncdog.com/partners/.

How the SentinelSecure™ Mobile Workspace Operates:
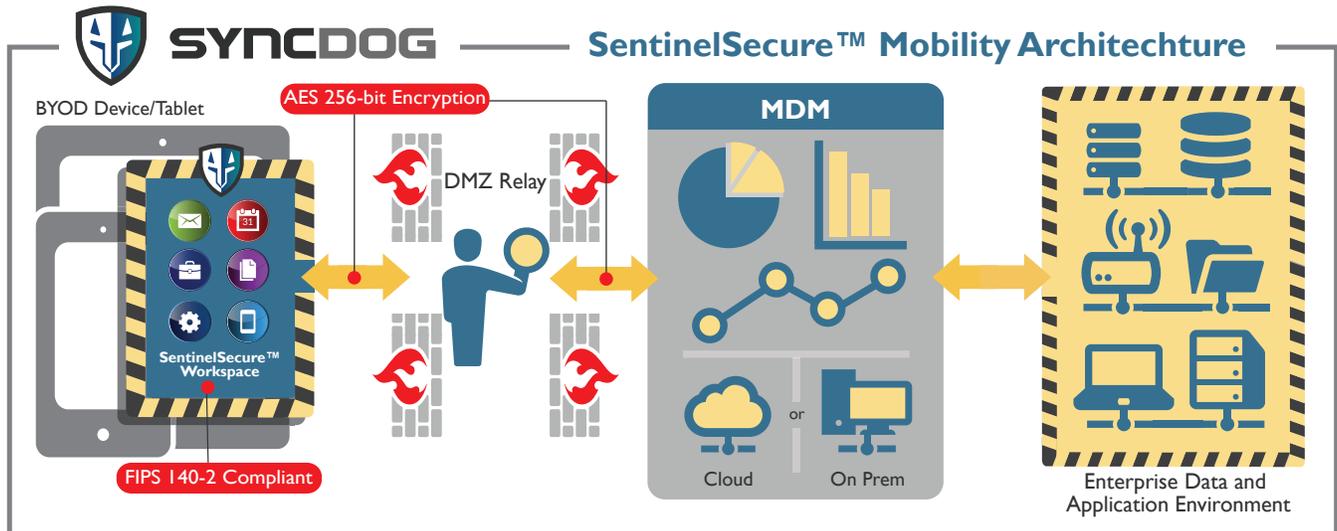
The SentinelSecure™ mobility architecture consists of a remote mobile containerized workspace integrated with an Enterprise Mobility Management or EMM system. SentinelSecure™ operates across network environments with both BYOD and COPE (corporate owned, personally enabled) devices. Additionally, SentinelSecure™ provides support for derived credentials and recovery keys.

The SentinelSecure™ Mobile Workspace Application Set

Secure Communications

Email Client: Securely access your enterprise Exchange email account in a self-contained workspace. Supports email attachments, links, and anti-virus scans.

Email Contacts: Securely access your enterprise Exchange contacts with local Global Address List (GAL). Your organization's GAL is stored on the device upon provisioning for off-line access as well as ease of use.

Calendar: Securely access your enterprise Exchange calendar. Full support of Month view, Week view, day view and agenda view

Secure File Management

Briefcase: Provides admin capability to securely post documents to centralized "briefcase" that synchronizes to the latest version, then pushes the documents to end-users.

File Sync: Secure synchronization of files across network file store and remote device. This is a two-way sync.

DropBox: Secure local access/storage from device to cloud-based 3rd-party file access management tool DropBox.

File Manager: Secure mobile access to enterprise network files and manage them locally on the device.

Office Suite: Securely access applications within Microsoft Office Suite (Word, Excel, PowerPoint).

Annotate: Securely annotate Office Suite files and other editable files and save/share in multiple file stores (Briefcase, DropBox, etc.).

Secure Camera/Image Roll: Images taken/stored/shared/annotated within secure container.

Secure SharePoint Workflows: Securely check in/check out shared files within Microsoft SharePoint. Edit and share docs within SharePoint workflows. Includes real-time synchronization.

Secure Internet/Intranet Access

Secure Browser: Browse the web without ever leaving the security of the container. Includes AES 256-bit encrypted back-office network connection for auditing/compliance.

HTML 5 Hybrid Mobile App Frameworks: – Securely run hybrid apps hosted in proprietary app frameworks. Hybrid apps remain within the secure confines of the container.

Enterprise IM: Secure Instant Messaging via preferred enterprise IM platform. All messaging remains within the container.

Secure Chat: SyncDog-hosted mobile chat client where data and communciations are kept within the secure container using Extensible Messaging & Presence Protocol or XMPP.

Secure Location-based Services

Geo-location: Secure service cability that identifies device location

GPS Tracking: Secure service cability that identifies device location then stores geolocation data so you can track the movement of the device over time. Includes storage and auditing capability.

Geo-fencing: Secure service cability that identifies device location with ability to map the geo-location with GPS tracking stored in secure database for auditing and compliance. Ability to set coordinates and issue real-time alerts configured to client preferences.

Maps: Secure service for viewing maps and storing map data.

SentinelSecure™ delivers defense-grade secure mobile device partitions or "containers" that can secure emails/contacts, calendar items, IM apps, Internet browsers, mobile file stores and other business apps provisioned on personal devices to be used in a BYOD or COPE (corporate owned personally enabled) setting. The SyncDog architecture protects both data at rest and data in transit through Federal Information Processing Standard or FIPS 140-2, AES 256 bit encryption. SentinelSecure™ can be provisioned across the SyncDog Sentinel Server, a flexible agent-based MDM platform, or with any EMM/MDM solution.

SentinelSecure™ Delivers Application Workflows for:

- Secure Communications
- Secure File Management
- Secure Internet/Intranet Access
- Secure Location-based Services
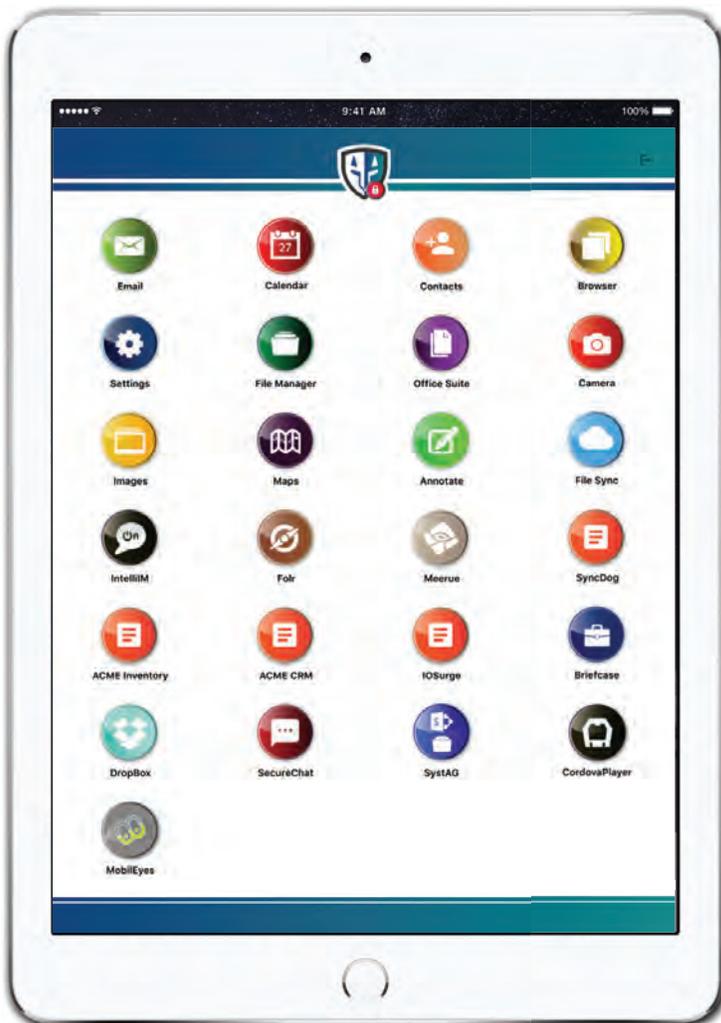
The SentinelSecure™ Mobility Architecture

The main function of SentinelSecure™ is to provide mobile application security through the use of secure, partitioned containers. SentinelSecure™ allows your organization to control and manage how your people exchange relevant, time-critical information across tablets and wireless handheld devices. SyncDog SentinelSecure™ is designed to handle the complexities of diverse, large-scale enterprise IT environments and offers several flexible deployment scenarios.

1. Basic Implementation, Single Relay Server Implementation
2. Dual Relay Implementation (shown below)
3. Multi-Relay Implementation with Load Balancing by Priority
4. Multi-Relay Implementation with Load Balancing by Priority with SQL SyncronizationAdditionally, SentinelSecure™ provides support for derived credentials and recovery keys.

Our multi-relay architecture approach gives your network the ability to handle the volume of connections from diverse mobile operating systems in large enterprise environments, without compromising system performance and availability.

SentinelSecure™ Dual Relay Implementation
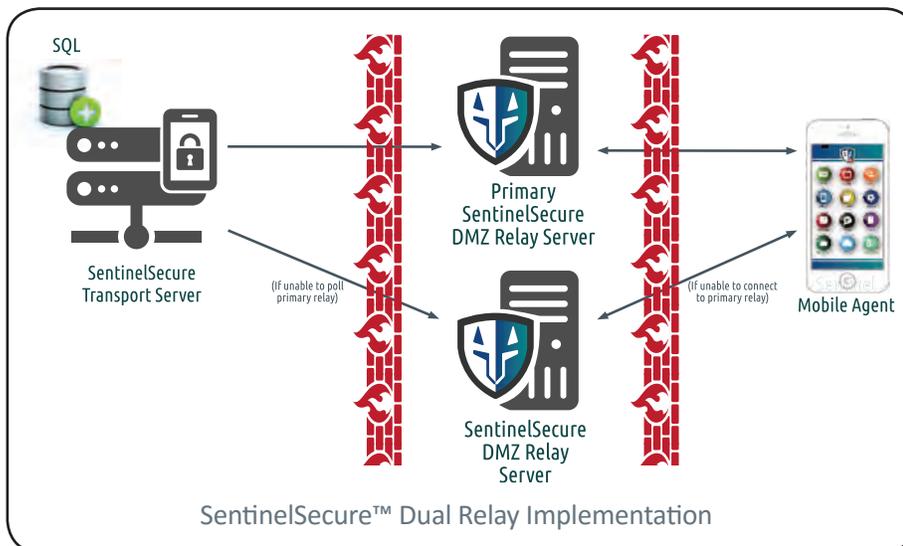
SyncDog SentinelSecure™ Integration

SentinelSecure™ ships with Integration to a multitude of Enterprise Mobility Management (EMM) systems. With SentinelSecure™, you get a military-grade containerized workspace that serves as a complementary layer of security to your existing InfoSec investment. Your mobile devices are fortified and your network perimeter remains secure.

SentinelSecure™ is currently integrated with the following EMM solutions: MobileIron, Notify Technology, Inc., Snow Software, and Apperian Mobile Application Management. For more info on integration please visit syncdog.com