

iAnywhere Mobile Office™

Foundation for the Mobile Inbox of the Future

FEATURES AT A GLANCE

- Delivers email & PIM data to mobile devices
- Supports a variety of mobile operating systems
- Provides over-the-air client deployment
- Allows for advanced business process mobilization
- Enables on-device encryption for Windows Mobile

iAnywhere Mobile Office, a key component of Information Anywhere Suite and Sybase iAnywhere's solution for secure mobile email and business process mobilization, combines rich infrastructure support with enhanced on-device security and unbeatable usability and performance.

OneBridge Mobile Groupware is now combined with additional, enhanced functionality into an overall product offering called iAnywhere Mobile Office. OneBridge Mobile Groupware is positioned as a component of iAnywhere Mobile Office. OneBridge Mobile Groupware addresses the complex infrastructure that many large organizations have by providing distributed architecture, with adapters for groupware and database, as well as 2-tier authentication for advanced security. Enterprises can also use it to support legacy devices using cradle-based synchronization.

As an existing OneBridge Mobile Groupware customer, your company is already experiencing the benefit of wireless email with a secure, robust infrastructure you've come to rely on from Sybase iAnywhere. Depending on the needs of your enterprise, iAnywhere Mobile Office provides two components you can deploy:

- OneBridge Mobile Groupware — a proven infrastructure that integrates seamlessly with your globally distributed enterprise messaging systems.
- iAnywhere Mobile Office — a component that is specifically designed for an enhanced wireless experience for the latest mobile devices. Customers using IBM's Lotus Domino or Microsoft Exchange messaging systems can receive instant email and have the ability to take action on key business processes from within the mobile inbox.

Sybase iAnywhere is committed to continuing to develop and enhance OneBridge Mobile Groupware as a component of iAnywhere Mobile Office, which is available as a .release to existing OneBridge customers with a valid support and maintenance contract. Customers with a valid Service and Maintenance agreement have the option to use both components of iAnywhere Mobile Office to meet the specific needs of your organization.

EXAMPLE DEPLOYMENTS

As the mobile market continues to expand and grow, iAnywhere Mobile Office gives you the choice of deploying a mobile email and business process solution that best fits the needs of your users. For example, if you have mobile users that are mostly tethered to their desk but may benefit from having a mobile device while on the go, the OneBridge Mobile Groupware component may be a good fit. Users can then synchronize their device via the Desktop Connector to avoid having to pay monthly wireless data fees.

On the other hand, if your mobile users are working in a pure wireless environment and want instant access to email and would benefit from over-the-air deployment, the iAnywhere Mobile Office component may be more appropriate.

COMPONENT COMPARISON

	iAnywhere Mobile Office	OneBridge Mobile Groupware
Groupware support	Domino/Exchange	Domino/Exchange
Security Manager	Yes	Yes
Mobile email widget support	Yes	No
Database to Groupware Sync	No	Yes
Roaming Management	Yes	No
Integrated transparent client update	Yes	No
Individual user configuration	Yes	No
Desktop Connector	No	Yes
Device Platforms	Windows Mobile 5 / 6 Nokia S60 3rd, UIQ, iPhone*	Palm, UIQ, Nokia, Pocket PC 2003, Windows Mobile 5/6, iPhone (email, contacts), OMA DS
File & Registry Actions	No	Yes
SMS Provisioning	Yes	No
Access API to IBM Domino	Server API (Server Task)	Lotus Notes Client C-API
End-to-End encryption	128-bit AES	128-bit AES
Outside server needed	No	No
Developer SDK	Yes	Yes

WHY MIGRATE / USE THE iANYWHERE MOBILE OFFICE COMPONENT?

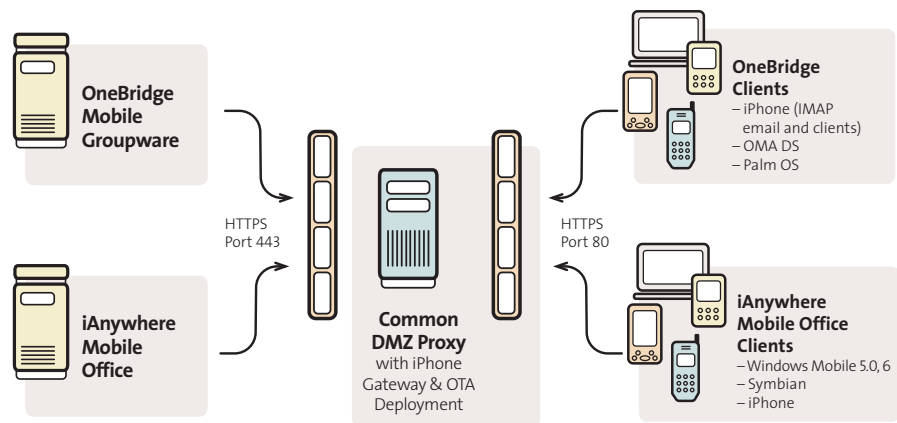
Customers looking for an enhanced wireless email experience that extends the ability to complete business processes from within the mobile inbox (ie., approve purchase orders, etc.) should consider deploying the iAnywhere Mobile Office component. Here are some of the benefits:

- **Great wireless email experience**
 - Significantly faster delivery
 - Enhanced usability and battery life
- **On-device security****
 - Built-in stand-alone Security Manager from Afaria that supports Windows Mobile
 - Packaged policies
- **Lower cost of ownership**
 - 70% reduction in data traffic (appr. 14 MB)
 - Simplified administration and SMS “single-click” provisioning
- **Business process mobilization**
 - Enables users to take action on email-driven business processes from within the mobile inbox
 - SDK to speed up the development of mobile applications**
 - Web Services integration for seamless back-end access**

BEST PRACTICES FOR DEPLOYING iANYWHERE MOBILE OFFICE

- Do not plan to migrate all users to the iAnywhere Mobile Office component on day 1
- Start with an internal pilot of the iAnywhere Mobile Office component on separate hardware before migrating any OneBridge Mobile Groupware users
- Break the migration into separate groups of users or business units over a period of time
 - The iAnywhere Mobile Office client install will automatically remove the OneBridge Mobile Groupware client
- Continually monitor iAnywhere Mobile Office server performance to know when to add an additional server
- Leave existing OneBridge Mobile Groupware hardware in place until user migration is complete

iAnywhere Mobile Office



SECURITY

The iAnywhere Mobile Office architecture provides a unique outbound connection model that adds an additional layer of security for all connecting mobile devices. There is no longer a need to open inbound communication ports to the messaging infrastructure or the existing backend system backbone in general; all mobile device connections end within the enterprise DMZ. On the device, iAnywhere Mobile Office provides integrated client security for the latest Windows Mobile devices, powered by Information Anywhere Suite's Afaria technology. This includes on-device password enforcement, data encryption, and device lock-down capabilities to secure data if a device is lost or stolen. The outbound connection model and on-device security is available with OneBridge Mobile Groupware and iAnywhere Mobile Office.

BUSINESS PROCESS MOBILIZATION

Extended functionalities to enable business and workflow processes on mobile devices are available. Users can take action from mobile devices to initiate or complete business processes, such as submission and approval of expense reports, human resources requisitions and purchase orders, or receive notifications and view CRM activities. iAnywhere Mobile Office can leverage existing enterprise services using Web Services and other technologies for seamless integration and speeds up mobile development initiatives with a unique SDK – reducing the cost and effort necessary to mobilize business processes.

With its flexible, modular architecture, iAnywhere Mobile Office offers mobile PIM access and IT management services straight out of the box; and gives IT managers the flexibility to add services as their environments change and as mobile user needs evolve. Using iAnywhere Mobile Office, IT managers and developers have an easy way to extend any other backend enterprise system for mobile deployment, such as CRM and ERP.

GENERAL REQUIREMENTS AND SPECIFICATIONS FOR iANYWHERE MOBILE OFFICE

Server Requirements

- Intel Pentium 4, 2 GHz or greater
- 2 GB RAM minimum
- 100 Mbit NIC minimum
- Microsoft Windows 2003 Server

Communications Security

- 128-bit AES/1024-bit RSA algorithm for the best combination of security and performance
- RSA Security BSAFE Crypto-C Micro Edition – FIPS 140-2 Level I compliant

Device Security

- Provides password policies, on-device encryption and device lock-down
- Allows users to receive emails on an encrypted and locked device

Application Enablement

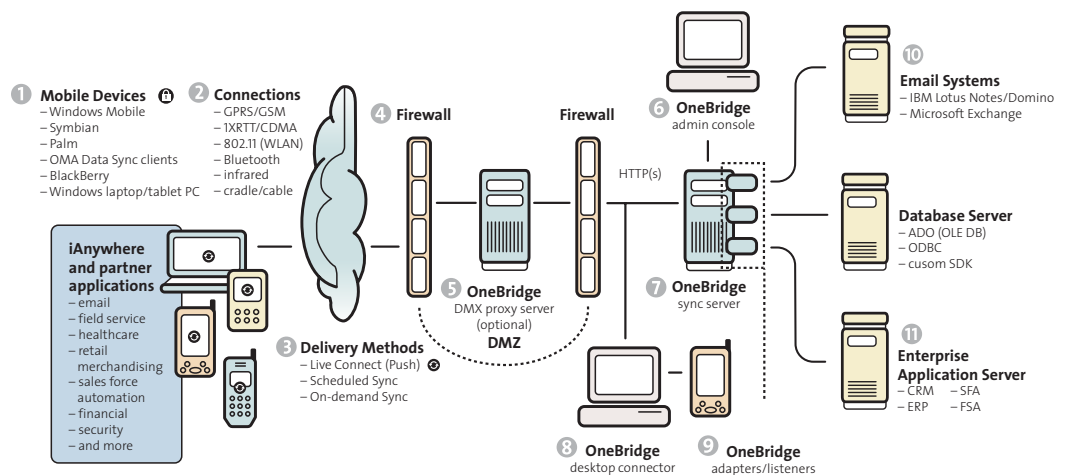
- Provides SDK for enabling business process mobilization
- Allows secure mobilization of enterprise services using Web Services and other technologies

COMPONENT DESCRIPTION

ONEBRIDGE MOBILE GROUPWARE

OneBridge Mobile Groupware delivers email and PIM data (contacts, calendar, tasks and notes) to mobile workers anytime, anywhere – regardless of the device, connection method or email application. As an enterprise solution, OneBridge Mobile Groupware extends Lotus Domino and Microsoft Exchange to more than 250 mobile devices. Synchronization is supported via any handheld or phone using the following operating systems or technologies: Windows Mobile, Symbian, iPhone (email and contacts), Palm OS, as well as with OMA Data Sync (formerly SyncML) devices.

OneBridge Architecture Diagram



OneBridge Mobile Groupware supports two-tier user authentication, allowing security administrators to fine tune network and groupware access. The first-tier authentication can be transparent if an administrator chooses to use single sign-on. The first tier allows authenticating users against Active Directory, IBM Lotus Domino, Microsoft Exchange, Windows NT Domains, Radius, LDAP, RSA SecureID, a custom database or any else programmatically accessible directory, OneBridge Mobile Groupware includes a SDK to integrate with custom authentication sources.

The second tier allows the authentication against Microsoft Exchange, Lotus Domino or any else accessed data source. OneBridge Mobile Groupware also supports a feature called extended sessions that allows administrators to securely persist an authenticated session for a configurable period of time. This feature helps reduce processing time and increase usability.

OneBridge Mobile Groupware integrates into your globally distributed messaging systems through an extensible adapter framework. Adapters can be installed on the OneBridge Mobile Groupware server or distributed close to the data source based on optimal enterprise deployment. Groupware sync adapters provide the link between the OneBridge Mobile Groupware infrastructure and your corporate email systems such as Lotus Domino or Microsoft Exchange. Different adapters can be combined in one configuration allowing for maximum flexibility. Depending on the licensing option chosen, adapters for database server synchronization can be deployed into the same OneBridge Mobile Groupware infrastructure enabling application mobilization beyond email and PIM.

OneBridge Mobile Groupware can be set up in load-balanced clusters and fail-over clusters for advanced scalability and availability. With that type of deployment, one single OneBridge Mobile Groupware installation can support multiple thousands of connecting wireless and cradled devices.

SPECIFICATIONS – ONEBRIDGE MOBILE GROUPWARE

Supported mobile device platforms

- Windows Mobile 2003, 5.0, 6 (Pocket PC, Pocket PC Phone Edition, Smartphone, Classic, Standard and Professional Editions)
- Symbian OS version 6, 7, 8 and 9
 - Nokia Series 60/80
 - Sony Ericsson UIQ 2.0, 2.1 and 3.0
- iPhone (IMAP email and online contacts) and iPod Touch
- Palm OS platform 3.5 or greater (minimum of 8 MB RAM)
- OMA Data Sync (formerly SyncML) 1.01/1.1.1 clients

Supported email systems

- Lotus Domino R6.5/R7/R8
- Microsoft Exchange 2000/2003/2007

iANYWHERE MOBILE OFFICE

iAnywhere Mobile Office delivers the best mobile experience possible with today's global "always-on" networks. Specifically designed for latest device platforms and network technologies, iAnywhere Mobile Office is available for a variety of Windows Mobile, Symbian and iPhone* devices (future integration of iPhone* will be based on iAnywhere Mobile Office).

For enhanced usability and user experience, iAnywhere Mobile Office uses a combination of the connecting devices' unique hardware ID, the user name and a one-time activation code for transparent authentication. Instead of requiring an authentication against corporate directory services, iAnywhere Mobile Office allows the use of a server-initiated provisioning process to bind a single device to a single user account.

To support extended scalability and provide the best possible user experience with large numbers of connecting users, iAnywhere Mobile Office utilizes advanced queuing and store and forward technologies to minimize the performance impact on your messaging system combining asynchronous request processing with server-initiated data delivery. Queue encryption ensures data security. Guaranteed delivery ensures integrity and availability. iAnywhere Mobile Office can also be set up in a fail-over cluster to provide further advanced availability in the case of software or hardware failures. In addition, iAnywhere Mobile Office for IBM Lotus Domino utilizes IBM Domino server interfaces (APIs).

iAnywhere Mobile Office can be deployed on its own or side-by-side with OneBridge Mobile Groupware, allowing for the best combination of infrastructure integration and enterprise mobility.

MOBILE INBOX OF THE FUTURE CAPABILITIES

Wireless email is just the first step in enabling workers to be as effective outside of the office as at their desktops. The demands of a 24x7 mobile executive require that business must continue even when the employee is not in the office. Email-driven business processes, such as purchase orders, sales order approvals or hiring requisitions require immediate action, but today are generally only accessible on desktop or laptop computers.

Sybase iAnywhere pioneered the concept of the "mobile inbox of the future," empowering mobile workers to securely conduct time-sensitive business processes from within a familiar secure email application. This single interface for both mobile email and business processes maximizes a company's investment in wireless email. In addition, the "mobile inbox of the future" is optimized with mobile worker productivity in mind. It provides easy, fast and secure use without requiring an additional application or browsing to access business processes beyond email.

The mobile inbox of the future capabilities are available in the iAnywhere Mobile Office component.

SPECIFICATIONS – iANYWHERE MOBILE OFFICE

Supported mobile device platforms

- Windows Mobile 5.0 and greater (Standard and Professional Editions)
- Symbian Nokia Series 60 3rd Edition
- Symbian UIQ
- iPhone and iPod Touch*

Supported email systems

- Lotus Domino R6.5/7/8
- Microsoft Exchange 2003 Service Pack 2 and 2007

For more detailed information on the different components of iAnywhere Mobile Office see specific data sheets:

OneBridge Mobile Groupware: <http://www.sybase.com/onebridgeds>

iAnywhere Mobile Office: <http://www.sybase.com/mobileofficed>

Free 30-day evaluation of iAnywhere Mobile Office is available at: www.sybase.com/getmobileoffice

iAnywhere Mobile Office and Afaria are key components of the Information Anywhere Suite, a secure, scalable mobile software platform that addresses the converging IT requirements of enterprises today. By combining email, messaging, mobile device management, enterprise-to-edge security and back-office application extension capabilities, Information Anywhere enables organizations to empower employees to do the work they need to do anywhere, at anytime, on any device. For more information, please visit:

<http://www.sybase.com/informationanywheresuite>

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* Full native iPhone support will be available in a future release.
For further details, please contact our sales team.

** Available with OneBridge Mobile Groupware component as well