



# OneBridge<sup>®</sup> Mobile Groupware 5.0

release  
overview

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## Introduction

OneBridge® Mobile Groupware is comprehensive infrastructure software that helps enterprises manage and extend their groupware solution to a variety of mobile devices through wired and wireless connectivity. OneBridge Mobile Groupware provides the ability to browse, synchronize, and push email and PIM information from both thin client and rich client devices so they are "always up-to-date".

## Support for New Device Platforms

- Nokia Series 60
- Windows Mobile 5.0

For the latest device support, see our Supported Devices list: [www.extendedsystems.com/supporteddevices](http://www.extendedsystems.com/supporteddevices).

## Client Enhancements

### Improved Battery Life

Battery life has been improved by more than 40% across all platforms in "always-on" mode. Standby battery life (device in always on mode waiting for new data) has been improved approximately 80% across all platforms.

### Connection Intelligence

During the OneBridge client install, the devices' data network settings (APN Settings, etc.) can also be configured. Once the install is complete, the connection to the OneBridge Server is tested and the status of the connection is then reported. If the connection is successful, the user is prompted to sync now. If the connection fails, a log file is created.

### Smart Forwarding

Smart Forwarding refers to the way the synchronization server handles mail forwarded from a mail client on the device in order to ensure that the right information is sent to the recipient. Any time an email is forwarded from a mail client on the device, the attachments that are associated with that email will be forwarded regardless of previous filtering when synced to the device. In addition, the entire body that existed on the email that was synced to the device will be included as an attachment even if the body was truncated when synced to the device. In this way, the recipient of the forwarded email will always receive the full information from the original email that resides on the groupware server no matter what the sync filter settings may be.

### Enhanced MailPlus for Palm

- **Address Auto-Complete** – Allows users to quickly enter email addresses that have been previously entered when sending an email or that are contained in the Contacts database. As an email address is typed, a pop-up list appears displaying entries that match the partially entered string from the address book on the device. The first three entries are reserved for matching history names, if available. History entries are created from sent emails addresses.
- **Smart Text Engine Support** – Allows users to click on a phone number, email address, or URL within an email to trigger a call, new email, or web browser launch (currently only supported on Treo devices).
- **Mail Preview** – Provides a preview of the message body of emails on the device.
- **Inbox Alternating Pattern** – Email headers are now shaded in an alternating pattern to differentiate between emails quickly.
- **Delete Icon** – Improves inbox management by allowing users to delete messages from the main screen.
- **Send/Receive Icon** – Enables a synchronization session within the MailPlus application.
- **New Sort Feature** – Provides the ability to sort email by Sender, Subject, or Date in one click.
- **Battery and Network Status Icons** – Provides users with device status information from the main screen of the MailPlus application.

## Support for Synchronization of Sent Items

All clients now support a Sent Items folder. Mail items in the server Sent Items folder are synchronized to the client Sent Items folder. Live Connect and smart forwarding are also supported for Sent Items.

## Auto Mail Button Mapping

For supported devices that have a reserved button to launch a mail application it will be automatically mapped to the proper mail application that OneBridge synchronizes to during the client install.

## Improved First Time Sync

Users will only be prompted for their credentials during a first time sync. Unnecessary prompts, like RSA key verification, multiple credentials prompts, and user interaction required to achieve a successful first time sync, have been removed.

## Increased Sync “Transparency”

The OneBridge Client has been optimized to run more “transparently” on all device types using our enhanced Live Connect 2.0 architecture. Client synchronization status updates and logging have been incorporated into native application status windows and/or hidden reducing unwarranted help desk calls.

## Time Zone Management

Time zone changes in the OneBridge Client for Symbian OS devices (Sony Ericsson P800/P900/P910, Nokia 9300/9500 Communicator) are now handled better. Changing the OneBridge time zone will prompt the user for the ‘Home City’ selection to use for the device. The ‘Refresh all dates’ flag is also automatically set so that correcting the date and time of calendar items for the new time zone only requires the user to run a manual sync.

## Software Install Action

Installing files, such as a Pocket PC CAB file, using an Install action will now write file information on the device to prevent the files from being moved again in the event the file changes after being installed. This information is only created if the file is transferred in an Install action. It is possible to clear this information by going to the Advanced options and checking Clear Install History.

## Server Enhancements

### Live Connect Scheduling

A new preferred mode has been added to the Live Connect scheduling configuration. This setting allows you to select the Live Connect mode of a device, either Always-On or Power-Save, during different parts of the day. By selecting a preferred mode of Power-Save during the evening and night hours, longer battery life can be achieved. This improvement is supported for all device platforms.

### Enhanced Meeting Request

OneBridge Mobile Groupware now supports meeting requests created from the device to properly apply on the groupware server. With this feature, users can create a new meeting request from the device, invite attendees, and setup meeting times.

## Administration Enhancements

### Enhanced Kill-Pill (disabling stolen/lost devices)

With this enhanced feature, administrators can disable stolen and lost devices with a single operation. Devices will be completely hard reset or the user data completely wiped out and put in an undesirable state. When Live Connect is enabled and the device is always-on, the Kill Pill action is pushed to the device immediately.

### Importing and Exporting Configurations

This feature allows administrators to selectively save, restore, or relocate portions of the OneBridge configuration tree to another configuration or another server.

### OneBridge Sync Server Support for Scripting

This feature will permit OneBridge administrators to design custom scripts to be invoked by individual clients during a sync session. The Admin interface will allow OneBridge administrators to configure a script at any node in the configuration tree. The content and the behavior of the scripts are left to the user's discretion. System, device, and OneBridge information are exposed as script object properties, or variables. These variable's values are derived from runtime information from the user's client or from the OneBridge Server product and may be utilized when a script is invoked. It supports any scripting language supported by Windows host scripting engine.

### Authentication Control Module (ACM) SDK

Authentication in OneBridge Mobile Groupware and Data Suite Server Editions has now been expanded to allow third parties and professional services groups to construct authentication modules for OneBridge that provide support for custom authentication methods in an ad-hoc manner.

For example, a customer might wish to access an LDAP or RADIUS server in a manner not currently supported. In this case, an engineer can construct a new COM base or .NET DLL that will allow for the extension of the authentication subsystem into the customers domain without requiring any changes to the OneBridge product.

This effectively opens OneBridge to allow more forms of authentication for OneBridge as well as offering unparalleled degree of customization both for the customer and as a revenue opportunity for consultation.

### Silent Install

The administrator is empowered to force mandatory updates by suppressing user prompts in the install/update process. This feature is now available for devices that run the Symbian operating system (i.e., Sony Ericsson P800, P900, P910, and Nokia 9300/9500).

### Improved Application Deployment

The file transfer install functionality has been extended to track which files have been installed on a device. This feature is important for Windows Mobile Pocket PC/Smartphone .cab files and Palm .prc that are automatically deleted after the application is installed on the device. Previously, the File action would attempt to download these files again because they no longer existed on the device. File transfer now tracks file install information in a separate install history log with the file modification time and file version (Palm only). If the modification time or version is not newer than what had been previously installed on the device, the file is not downloaded again even though it doesn't exist on the device.

A new option has been added to the Advanced options dialog to allow the user to clear the install history. A user would select this option if they had downloaded an application, installed it, deleted it, and then wanted to download it again.


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**Note** Even though this feature is most relevant to cab and prc files, it works for any type of file as long as the File action type is Install. If you do not want install tracking, use the File action type of Copy instead.

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This improvement is supported for Windows Mobile Pocket PC, Windows Mobile Smartphone, and Palm.

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## **Availability & Scalability**

### **Scalability and Fault-Tolerance**

OneBridge Server has been enhanced to provide more scalability. The server now fully supports Windows Load Balancing Solution (WLBS) so every component of the server, such as DMZ Proxy, Sync Server, and Adapters, are able to be load-balanced. OneBridge Listeners are also capable of working in a load-balanced environment to avoid single point of failure. However, the listeners do not share the load between multiple servers, as a single listener is capable of handling large amount of traffic. OneBridge Server also supports Windows clustering to provide fault-tolerance capability for its data access.

### **OneBridge Monitoring Service**

OneBridge Monitoring Service ensures that the OneBridge Service is highly available by monitoring all the components of deployment and taking remedial actions in cases where there is an outage. It also enables administrators to be aware of the status of OneBridge server without having to worry about unscheduled downtime.