

What is bly|MOBILE?TM

v2010 for Sage ERP MAS 90 A Technical Fact Sheet



Bly|MOBILE provides a web-based environment that allows Sage MAS 90TM and Sage MAS 200TM screens and panels to be run over the web from any web browser. Unlike standard Sage MAS 90 panels, the target device does not have to be a Windows workstation. No download or install is required. Standard browser functionality (HTML and JavaScript) is used to render and process the panels.

What are the advantages and benefits of Bly|MOBILE?

GO *No software installation required:*

The most important advantage of Bly|MOBILE is that it requires no special software to be loaded on the workstation. Virtually any browser that supports JavaScript and Style Sheets can be used.

With no software download or installation requirements, Sage MAS 90TM and Sage MAS 200TM applications/programs/functions can run from virtually anywhere and via any web compatible device. This allows your clients to access and run their MAS applications from an Internet Café, at a client's office, at a hotel or conference business center, even on a smart phone such as an AppleTM iPhoneTM or Windows Mobile device.

This technology truly allows your clients to access their ERP solution anytime, anywhere.

GO *Improved performance:*

Bly|MOBILE extends standard Sage MAS 90 functionality to provide for a better, faster online experience utilizing the latest in Ajax technologies. Controls that contain large data sets such as grid and list views are downloaded on demand automatically. Due to the tight integration between the server and the browser client, application logic that interacts with the controls actually interacts with what are effectively shadow controls on the server. Application interaction with controls is confined to the server with only visual updates requiring network exchanges. This further reduces transmissions between the server and the browser making Bly|MOBILE, in many cases, faster than standard Sage MAS 90 screens. ***This benefits your clients because now not only can they access their Sage MAS 90 and 200 product on the go, anywhere, they can also do it quickly and efficiently.***

GO *Firewall sensitive*

As Bly|MOBILE is a true web-based application based on the use of HTTP protocol, the application uses port 80 natively, or you or your clients' administrators can assign any standard port to connect to Bly|MOBILE in order to work through firewalls. On the host end, Bly|MOBILE was designed to work with the industry standard ApacheTM web server. This allows Bly|MOBILE-based applications to co-exist with other web-based solutions.

GO *Designed for use with Mobile devices*

Bly|MOBILE's design was based on the concept of a stateless connection between the browser and the server. This means that unlike the standard client-server Sage MAS 200 solution where the workstation needs to both maintain its current state and dedicated connection to the server, the Bly|MOBILE workstation/device does not need a permanent connection to the server.

How Bly|MOBILE Works

Bly|MOBILE takes your Sage MAS 90 or Sage MAS 200 panels and converts them to Dynamic HTML (DHTML) and along with the associated JavaScript provides an AJAX based interface to your application. This conversion is done dynamically at run time by the Bly|MOBILE rendering engine.

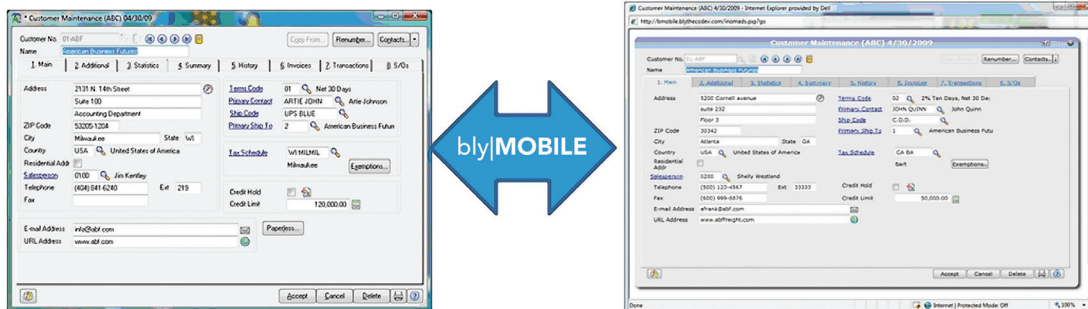
In order to render the Sage MAS 90 panels, each control is emulated through host-side objects that provide functionality consistent with that of normal ProvideX controls. When running under Bly|MOBILE, core application code that references Sage MAS 90 controls is handled by these host-side objects. The objects are responsible for the generation and on-going updating of the HTML through the supporting JavaScript library.

Transport Layer:

Bly|MOBILE itself is not a web server but rather uses a web server as the go-between for your application and the user browser. Bly|MOBILE currently works with the industry standard Apache web server. When the web server receives a request for a Bly|MOBILE transaction, it will launch a background process on the host server. The process is assigned a session ID that is used to uniquely identify the process on the server.

The process then runs Bly|MOBILE which will present your Sage MAS 90 or Sage MAS 200 panels as HTML web pages. These web pages are sent back to the web server for subsequent delivery to the workstation. The background process then stays active waiting for subsequent input from the workstation/device.

MAS90/200 Screen



Bly|MOBILE Compatibility:

Bly|MOBILE currently supports most Sage MAS 90 and Sage MAS 200 modules in the Business Objects Framework, including:

- **General Ledger**
- **Accounts Payable**
- **Accounts Receivable**
- **Sales Order Processing**
- **Purchase Order Processing**
- **Inventory Management**
- **Bill of Materials**
- **Work Order Processing**
- **Payroll**

Note: Not all module functionality exists and this does not replace a workstation setup of the Sage MAS 90 or Sage MAS 200 product.



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