



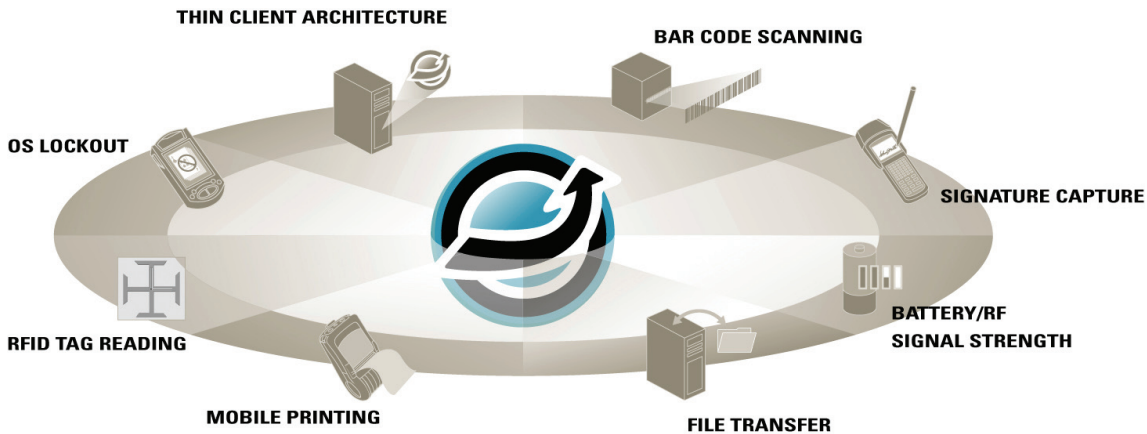
# ***Symbol PocketBrowser***

Mobile application development toolkit



## **Develop and deploy robust mobile applications — quickly, easily and cost-effectively**

Maximize the return on investment for mobile applications with Symbol PocketBrowser from Motorola. This feature-rich mobile application development tool enables in-house programming teams and outside agencies to effectively streamline the development and deployment of productivity-enhancing mobile applications that can include a wide range of functions — including bar code scanning, RFID tag reading, signature and other image capture, printing, and more. A powerful combination of a familiar interface, a feature-rich programming environment and a server-centric architecture enables rapid and cost-effective development of mobile applications — without a major learning curve. Existing programming knowledge can be leveraged to enable enterprises to get the most out of mobility — from delivery confirmation and inventory management to warehouse management, vehicle tracking, and more.



## Eliminate programming complexity with familiar development tools

Symbol PocketBrowser is much simpler than developing with native code applications, bringing a new level of speed, ease, and cost savings to creating rich applications for mobile computers. For example, one line of Symbol PocketBrowser code can replace many lines of complex code in C++ — enabling developers to spend less time on low level development details, and more time focusing on usability and producing a richer user interface. Common web standards, such as HTML and JavaScript, enable web developers to utilize existing skills to easily develop robust data capture and enterprise mobility applications — without any CE programming experience. Built on Pocket Internet Explorer and Internet Explorer, Symbol PocketBrowser provides a familiar development environment, minimizing any learning curve. Most importantly, there’s no need to sacrifice application robustness or performance — Symbol PocketBrowser enables developers to create the similar level of functionality possible with native APIs or expensive add-on software solutions.

### FEATURES

#### Web browser

Enables rapid and easy creation of rich, easy-to-use application interfaces.

#### Open standards-based

Built on Pocket Internet Explorer and Internet Explorer, providing a familiar development environment and tools — eliminating major learning curves.

#### Integrated scanning, RFID and printing capabilities

Enables robust data capture applications that leverage full mobile device functionality.

#### JavaScript/HTML-based

Decreases development cost and complexity and provides more control over functionality; expands developer availability.

#### Patent pending push navigation

Reduces network traffic, saves battery resources and delivers instant information and messages for faster response times and increased productivity.

#### Offline application and data storage

Delivers application flexibility for diverse deployment environments and keeps productivity high — even when outside of network range.

#### Thin client application

Simplifies device deployment and management by enabling the update of devices instantly; ensures version consistency.

#### Operating System (OS) lock-out control

Improves worker productivity by hiding access to distractions such as web-browsing and games; simplifies user interface and eliminates risk of unauthorized changes to device settings.



Easily develop applications that enable service personnel to access back-end systems in the office to check service level, capture costs and submit billing information in real time.



The ability to create mobile applications that integrate bar code scanning can enable retail managers to audit pricing, warehouse workers to collect real-time inventory information, and healthcare workers to scan patient wristbands to ensure the right patient receives the right tests and medication — improving the overall quality of patient care.



With Symbol PocketBrowser, you can easily integrate a wide variety of peripherals, including a magstripe reader for on-the-spot point of sale processing, as well as a mobile printer for on-demand receipts.

### Comprehensive mobile functionality — without an expensive specialty skill set

Symbol Pocket Browser is designed to meet the unique needs of enterprise mobility applications — whether they are utilized over a wireless LAN inside the four walls, or over the WWAN out in the field. The comprehensive feature set makes it easy to fully leverage the capabilities of Motorola mobile computing devices, replacing batch solutions with real-time applications — or adding new functionality into an existing real-time application. Symbol PocketBrowser functionality includes:

- **Integrated bar code scanning and RFID capture:** Easily create applications that fully leverage the bar code scanning and RFID capabilities in Motorola mobile computing devices.
- **Integrated signature capture:** Quickly enable the capture of signatures without developing a time-intensive in-house mechanism — or requiring a costly third-party snap-on accessory that must be purchased and supported, adding capital and operational expense<sup>1</sup>.
- **Battery/ RF signal strength:** Easily provide end users with visibility into battery life and wireless coverage signal strength, reducing down time and unnecessary support calls.
- **HTTP and FTP file transfer:** With just a few lines of code, web developers can easily create bi-directional file transfer applications to transfer offline data or enable dynamic real-time application updates. For example, a delivery confirmation application, complete with signature capture and pictures of delivered or damaged packages — enables enterprises to extend real-time proof of delivery web-based applications to customers to increase service and satisfaction levels as well as business efficiency.
- **Mobile printing support:** Support for mobile accessories such as printers enables the easy creation of applications that allow printing of labels or receipts in real time. And support for a wide array of mobile printers provides maximum integration flexibility, enabling customers to utilize and leverage their current investment in existing equipment.
- **Accessory support:** Support for additional technology and peripherals — from GPS and temperature probes to chip and pin readers — enables the development of robust applications that can incorporate location-based information, interface with manufacturing equipment for real-time alerts, and more.

### Improve user experience, usability — and adoption rates

As a web browser, Symbol PocketBrowser delivers richer, more visually appealing graphical user interfaces that can provide an improved end user experience — and higher adoption rates. HTML enables web developers to define the exact page appearance for improved usability. In addition, Symbol PocketBrowser hides the Start Menu and command bar — making the full screen available for application use. On a full screen 320x240 display this provides an extra 12.5% of display space over Pocket Internet Explorer.

### Generate increased business value with offline applications

Symbol PocketBrowser provides enterprises with the flexibility to benefit from electronic data capture and recordkeeping — online and offline. Unlike traditional browsers, Symbol PocketBrowser does not require a real-time connection to a server to collect information, as the data can also be stored locally on the device. Where traditional browsers require a real-time connection, Symbol PocketBrowser gives developers the flexibility to create fully featured applications that can operate in real-time or batch mode. Mobile workers remain productive, able to collect data regardless of whether they have a real-time connection, are taking inventory count in a deep freezer and unable to connect to the WLAN, or closing a work order in the field out of range of the WWAN. And when an out-of-range device is able to establish a connection, the data can be automatically transmitted to the server — without requiring any action from the user.

### Reduce network traffic with push navigation

The patent pending push navigation system of Symbol PocketBrowser opens new possibilities for browser-based application architecture. When enabled, push navigation allows the device to “switch roles” — instead of the device issuing an HTTP request, the server can send an HTTP request to the device. When the device receives the request, a JavaScript function or URL can be called on the device. This eliminates the need for polling procedures that not only drain device batteries, but can also clog the network with unnecessary traffic.

### Control device usage and maintain end user productivity

Unlike other browsers, Symbol PocketBrowser covers the entire screen, hiding access to the operating system. The ability to prevent access to the Web, games and other potential distractions keep mobile workers focused on the task at hand, productive and

distraction-free all shift long. Symbol PocketBrowser also restricts access to network and device settings — preventing end users from unauthorized and unintentional system changes that could result in costly equipment and personnel downtime.

### Simplify deployment and management with thin client architecture

With Symbol PocketBrowser’s thin client architecture, the application resides on the server, not the device. As a result, application updates and modifications can be installed once and instantly deployed to thousands of devices. The need to manually configure or update each device is eliminated — saving significant staff time and ensuring version control and consistency across the enterprise.

### Support you can rely on

To complement this innovative software investment, Motorola offers Software Support for Symbol PocketBrowser — a one-year service that bundles telephone technical support, online support and software maintenance for maximum value at a pre-defined, annual cost. This essential service keeps Symbol PocketBrowser up to date and running at peak performance with access to product updates, upgrades, and maintenance releases.

### Outstanding business value

When you need mobile applications that maximize the benefits of mobility, Symbol PocketBrowser delivers. The browser’s familiar development and deployment tools enable the creation of robust easy to use and easy to manage enterprise mobility applications capable of integrating the latest in productivity-enhancing capabilities — from bar code scanning, imaging, RFID and printing — in record time.

For more information on how you can benefit from Symbol PocketBrowser, contact us at +1.800.722.6234 or +1.631.738.2400, or visit us on the web at: [www.symbol.com/pocketbrowser](http://www.symbol.com/pocketbrowser)

### JavaScript

Provides more control over the functionality of the page to enable advanced application capabilities.

### Full screen display

Maximizes available display space for a richer, more effective user interface; hides the command bar and Start menu to keep workers focused on the task at hand.

### Signature capture capabilities

Enables real-time proof of delivery applications with minimal development time and costs.

### HTTP/FTP file transfer

Enables transfer of files (including signature capture and digital photos) for immediate proof of delivery, package condition and more.

### Extensive logging capabilities

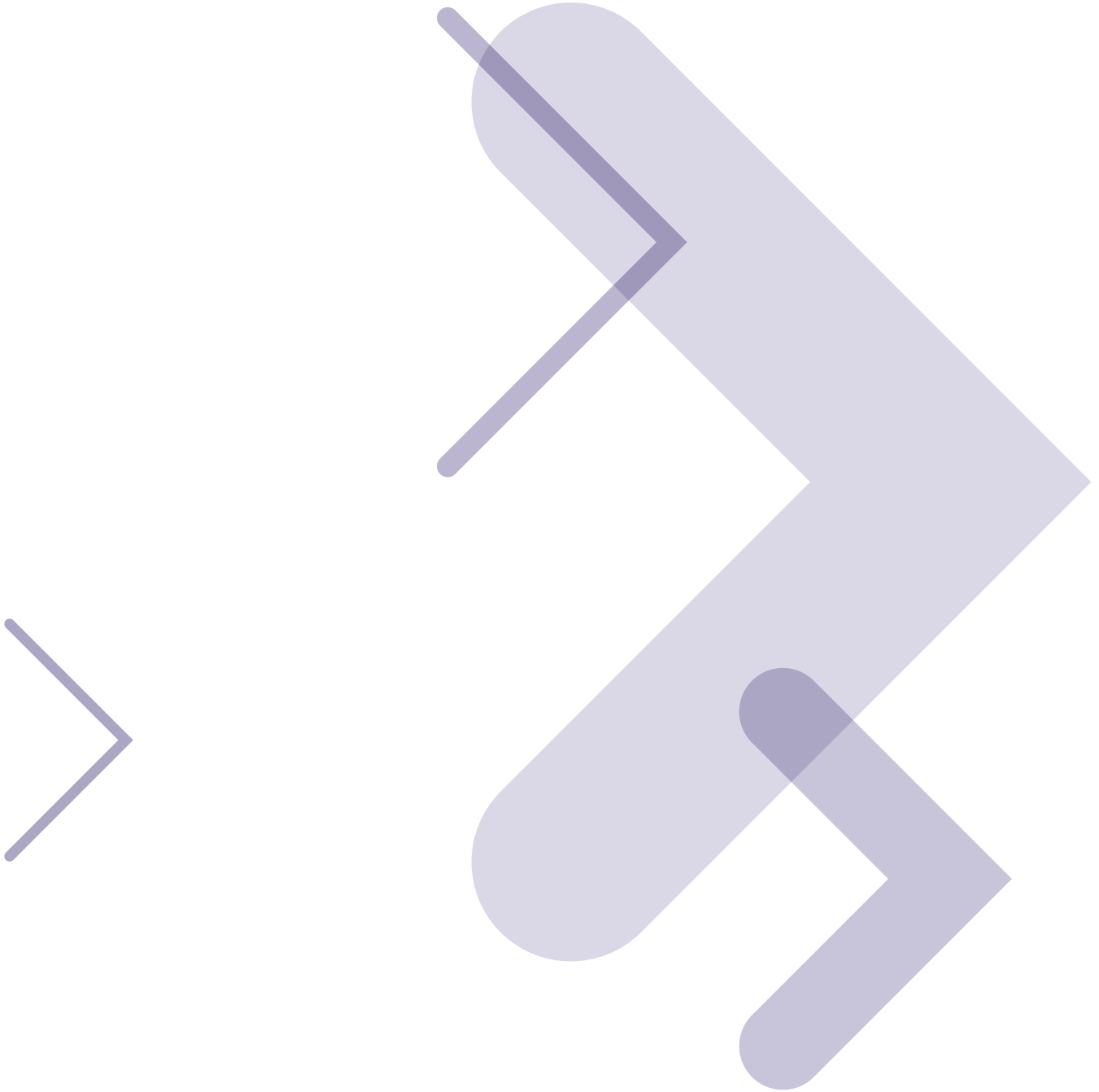
Flexibility to easily and centrally monitor mobile devices, reducing management and support effort.

### Symbol PocketBrowser Specification Highlights

System Requirements:	Windows CE 4.2 Pro and above or Windows Mobile 2003 and above
Device compatibility:	Motorola mobile computing devices such as MC3000 Family, MC9000 Series, MC70 and MC50. For a complete list of compatible devices, please visit <a href="http://www.symbol.com/pocketbrowser">www.symbol.com/pocketbrowser</a>
Recommended Service	Software Support for Symbol PocketBrowser

1 - Snap-on devices are required for signature capture on devices without a touch screen.





**MOTOROLA**

Part number BR-PKTBR. Printed in USA 04/07. MOTOROLA and the Stylized M Logo are registered in the US Patent & Trademark Office. Symbol is a registered trademark of Symbol Technologies, Inc. All other product or service names are the property of their respective owners. ©Motorola, Inc. 2007. All rights reserved. For system, product or services availability and specific information within your country, please contact your local Motorola office or Business Partner. Specifications are subject to change without notice.