



## CROSS-PLATFORM APPLICATION DEVELOPMENT MADE EASY

# RhoElements

Develop less and run more with RhoElements cross-platform applications that look and behave exactly the same on any mobile device. Part of RhoMobile Suite, this powerful HTML5 development framework supports all of today's popular mobile operating systems, including Android, Apple iOS, BlackBerry® OS, Windows® Embedded Handheld, Windows® CE and Windows® Phone 7 operating systems — and is built to easily evolve to support the operating systems of the future. Designed from the ground up for enterprise mobility, RhoElements applications work regardless of whether they are connected to a wireless network or offline, so mobile workers always have the information they need.

### REDUCE COSTS

RhoElements applications are operating system- and hardware-agnostic, so you only need one skill set — HTML5. You no longer need experts in different programming languages and technologies to develop applications for multiple platforms. With only one version of an application to write, you can focus your time and money on building the best application possible. The need to develop and support multiple versions for different operating systems is eliminated.

### COMPLETELY CONTROL LOOK AND FEEL

RhoElements applications are free from the limitations that operating systems place on user interface (UI) design. With a true blank slate, you can easily create business applications that are every bit as elegant-looking and intuitive as consumer applications. A single application written once will look and behave exactly the same on different devices with different operating systems, regardless of screen size. Three HTML5 features — SVG, Canvas and CSS3 — allow the creation of consumer-style applications that automatically scale to the size of the display.

## LEVERAGE ALL DEVICE FEATURES

RhoElements provides a set of Application Programming Interfaces (APIs) that allows you to easily incorporate any function present on any mobile device into your applications — regardless of whether that function is native to the device or provided through an add-on accessory. The APIs are consistent and exactly the same, regardless of the operating system. For example, users can scan a bar code, capture a signature, process a credit or debit card or read an RFID tag using the mobile device itself.

## GET ONLINE AND OFFLINE SUPPORT

With RhoElements, you can deploy both hybrid and native HTML5 applications on any mobile device. In addition, with the ability to store data locally on the

mobile device and the introduction of RhoConnect, working offline has never been easier. You have the flexibility to design your application to operate in a fully connected or disconnected environment, so users never need to worry about network connectivity again.

## ENTERPRISE-CLASS SERVICES

With Motorola Solutions' services, you can confidently choose RhoElements to simplify the development of applications that run on multiple platforms. Our software support programs will keep your RhoElements software up to date and provide the support you need during application development.

To find out how you can take the pain out of cross-platform application development, visit [www.motorolasolutions.com/RhoMobileSuite](http://www.motorolasolutions.com/RhoMobileSuite) or access our global contact directory at [www.motorolasolutions.com/contactus](http://www.motorolasolutions.com/contactus)

## SPECIFICATIONS

Supported Platforms	Windows Embedded Handheld, Windows CE 5.0+, Android 2.1+, Apple iOS 3.0+, BlackBerry 4.6+ and Windows Phone 7
Supported Motorola Solutions Devices	ES400, MC65, MC75A, MC9500, MC55, MC2100, MC3100, MC9100, MK Series, ET1
Device Capabilities	Barcoding, Camera, Bluetooth, Printing, Indicators, File Mgmt, Alerts, Audio/Video, MSR, Sig Capture, many more...
HTML5 Features	App Caching, WebSockets, WebWorkers, Local & Session Storage, SQLite, Semantic Elements, Form Attributes
Design Practices	MVC patterns for maintainability and best practices, ORM for easy data manipulation
Technologies	HTML5, CSS3, JS, Ruby, SVG, Canvas

**RhoMobile Suite makes cross-platform application development faster, easier and more cost-effective than ever before:**

**RhoElements:** Cross platform development framework and device runtime

**RhoStudio:** One tool simplicity for application development, debugging and testing

**RhoConnect:** The fastest and easiest integration of backend business data to mobile devices