CROSS-PLATFORM APPLICATION DEVELOPMENT MADE EASY

RhoElements

Build mission critical cross-platform applications with RhoElements mobile application development platform. RhoElements is engineered to enable the creation of simple to complex data-driven enterprise applications that can run online and offline, and are easy to scale and easy to maintain. Its modern approach reduces application development time, allowing you to focus on what is most important — building the best applications. And with cross platform support, the application you build can run on the widest array of operating systems, including Android, Apple iOS, Windows® Embedded Handheld, Windows® CE and Windows® Phone 8.

REDUCE COSTS

With RhoElements cross-platform support, you no longer need multiple development teams to support multiple operating systems. In addition, a single set of web technologies can be used to develop apps for multiple platforms, eliminating excess coding. As a result, personnel and time requirements are substantially reduced, allowing you to build richer applications with more functionality, faster and more cost-effectively than ever before.

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 that leverages HTML5 technologies, you can easily create business applications that are every bit as elegant-looking and intuitive as consumer applications.

NEW FEATURES IN RHOELEMENTS 4.0

Common API
One API for both consumer and industrial devices for true write once, run anywhere device integration

More development flexibility
JavaScript and Ruby can now be utilized for all app features; also supports Microsoft Visual Studio

Supports more operating systems
RhoMobile Suite 4.0 adds support for Windows Phone 8

Supports more consumer and Motorola Solutions mobile devices
Supports several new Motorola mobile computers (see chart on back for complete list of all supported devices)

LEVERAGE ALL DEVICE FEATURES

A set of Application Programming Interfaces (APIs) 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, regardless of the operating system. For example, using the same code base, users can scan a bar code, capture a signature, process a payment card or read an RFID tag on different mobile devices.

GET ONLINE AND OFFLINE SUPPORT

With RhoElements, you can deploy both hybrid and native HTML5 applications on any mobile device — regardless of whether they are consumer apps created with Rhodes or enterprise apps created with RhoElements. 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 can design your application to operate in a fully connected or disconnected environment, so users never need to worry about network connectivity again.

RHODES: CROSS PLATFORM DEVELOPMENT FOR CONSUMER APPLICATIONS

A subset of RhoElements, known as Rhodes, is a free and open source framework for creating rich native consumer apps that leverage smartphone features, such as GPS, contacts, calendar and camera.

Take the pain out of cross-platform application development.

To find out how, visit www.motorolasolutions.com/RhoElements or access our global contact directory at www.motorolasolutions.com/contactus

SPECIFICATIONS

Supported Platforms	Android 2.1+, Apple iOS 5.0+, Windows Embedded Handheld, Windows Mobile 5.0, Windows CE 5.0+ and Windows Phone 8
Supported Devices	Supported devices include Apple, Android, Windows Phone 8 and Motorola Solutions Mobile Computers. The following Motorola devices are supported: TC55, ES400, ET1, ET1 WAN, MC2100, MC2180, MC3000, MC3090, MC3090Z, MC3100R, MC3100S, MC3190G, MC3190R, MC3190S, MC40, MC45, MC5574, MC5590, MC55A0, MC55N0, MC659B, MC67, MC7004, MC7090, MC7094, MC7095, MC7506, MC7508, MC7596, MC7598, MC75A0, MC75A6, MC75A8, MC9090, MC9097, MC9094, MC9190G, MC92N0, MC9590, MC9596, MC9598, MC959B (WM 6.1), VC5090, VC6000, VC6096, VC70, MK3000, MK3090, MK3100, MK3190, MK4000, MK4090, WT4070, WT4090 and WT41N0 (Please visit www.motorolasolutions.com for the latest list of compatible devices.)
Device Capabilities	Bar code scanning, camera, Bluetooth, printing, indicators, file management, alerts, audio/video, MSR, signature capture and 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 — It's always what's next.

RhoMobile Suite; developer-centered, enterprise-focused, future-ready. With countless ways forward, it's always what's next.

RhoMobile Suite is a powerful set of development tools that help businesses mobilize their workers, no matter what technology is in their hands. With RhoMobile Suite, you can develop, integrate, host and manage applications that work across platforms, from iOS to Android to Windows Mobile to systems that don't even exist yet, on both consumer and enterprise devices. RhoMobile Suite includes:

RhoElements: Cross platform development framework for enterprise applications

Rhodes: Cross platform development framework for consumer applications

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

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

RhoHub: Hosted services that simplify mobile application development and deployment

RhoGallery: An enterprise app store to deploy, manage and secure mobile apps

MOTOROLA