



With RhoElements, you get the power of one — one HTML5 application that will run on different Motorola mobile computers with different operating systems and different screen sizes. Graphics and other screen elements can be modified to make the most of the available screen size. Finally, you can select the devices that will best serve your workforce — and actually reduce application development and management costs.

DEVELOP LESS. RUN MORE.

Motorola RhoElements

WRITE APPLICATIONS ONCE...AND RUN ON MOTOROLA MOBILE COMPUTERS WITH DIFFERENT OPERATING SYSTEMS

Want to create future-proof applications that can be deployed on Motorola mobile computers, regardless of operating system (OS)? With Motorola's RhoElements, you can. This powerful HTML5 development framework provides the ingredients needed to easily create flexible 'always available' applications that run, regardless of whether the device is online or offline. Applications look, feel and act the same and can take advantage of any feature on any device. In addition, two HTML5 features, WebWorkers and WebSockets, deliver lightning fast application response times, with screen draws that take place in just a fraction of the time typical in today's mobile applications. Today, RhoElements supports Motorola mobile computers running Microsoft Windows Mobile, Windows CE or Android, with support for additional products and popular operating systems in the near future.

DRAMATICALLY REDUCE APPLICATION DEVELOPMENT AND SUPPORT COSTS

Since RhoElements applications are operating system and hardware agnostic, you only need to master one skill set — HTML 5. The cost of maintaining resources with expertise in different programming languages and technologies is eliminated. Since you only need one version

of an application, you can focus your budget on enhancing that application instead of supporting multiple versions for different operating systems. Built-in future proofing ensures that the applications you develop today will run on the technologies of tomorrow. The result? You can count on RhoElements for a superior return on investment and a low total cost of ownership for all your mobile applications.

COMPLETE CONTROL OVER USER INTERFACE (UI) DESIGN — NO OPERATING SYSTEM RESTRICTIONS

Every operating system has specific UI requirements that impact application design. When you choose RhoElements for your application development framework those requirements are eliminated. Now you have a blank slate, allowing you to achieve a new level of application simplicity. You are free to create graphical user interfaces that make your mobile business processes intuitive. Because RhoElements is operating system-agnostic, your UI looks and behaves exactly the same on different devices with different operating systems, substantially reducing training time and cost.

You can also develop applications that automatically scale up and down as needed to adjust to device screen size with three HTML 5 features — SVG, Canvas and CSS3.

Rich support for device-level features allows one user action to deliver the same response on different mobile computers. For example, devices that support screen rotation can allow users to switch between portrait and landscape modes, while devices with touchscreens can enable users to swipe a finger to rapidly navigate through multiple application screens.

EASILY INTEGRATE ALL THE DATA CAPTURE FEATURES ON YOUR DEVICES...AND THEIR ACCESSORIES

RhoElements-based applications take full advantage of the devices on which they run, maximizing the value of mobile device investments. A set of Application Programming Interfaces (APIs) allows you to easily incorporate any function present on any mobile device and its attached peripherals into your applications. For example, users can scan a bar code, capture a signature, process a credit or debit card and even print out a receipt.

ONLINE AND OFFLINE SUPPORT

Two features — application caching and web-based storage — allow you to build applications that are always available, even when users occasionally wander out of coverage of the wireless LAN (WLAN) or cellular network. Since you can deliver the same level of availability and performance that traditional native applications deliver, workers are productive, every minute of the day — regardless of whether they have a wireless network connection.

ENTERPRISE-CLASS SERVICES

With Motorola's services, you can confidently choose RhoElements as a software development platform. We offer software support programs that will not only keep your RhoElements software up to date, but also provide the support you need during application development.

For more information on how you can create future-proof rich mobile applications, visit www.motorolasolutions.com/uk/rhoelements or access our global contact directory at www.motorola.com/enterprisemobility/contactus

SPECIFICATIONS

SUPPORTED DEVICES

Windows Mobile	ES400, MC65, MC75A, MC9500, MC55XX, MC3100, MC9100
Windows CE 5 +	MC3100, MC9100, MK4000
Android 2.3	ET1

KEY FEATURES

HTML5	Leverages the open source Webkit rendering engine
Graphic Support	SVG, Canvas and CSS3
Elements and Attributes	Semantic elements (including header, footer and section); form attributes (such as email and url)
Connectivity	Application caching using Manifest
Performance	Web Sockets, Web Workers
Web Storage	Local and Session Storage, WebSQL (SQLite)

SUPPORTED DEVICE CAPABILITIES

Device lockdown, screen orientation, backlight, imager, key capture, magnetic stripe reader (MSR), LED and sound control, printing, scanner, battery and power, COMMM port, general navigation and SIP, file management, logging, radio/signal, registry, signature capture and gesturing