



VIEWWRX™

View your Docs anywhere...

Delivering a range of documents and pictures to the broadest array of mobile devices does not always mean giving away control of your device's look and feel or being constrained by system design.

YOU BUILD. YOU DEPLOY. FAST.



Differentiate with a premium viewing experience

ENTWRX ViewWRX™ SDK allows you, the manufacturer, to design your own application around a feature-packed engine for content delivery and consumption. ViewWRX™ is delivered as a linkable library containing the core features for loading documents, displaying them on screen and handling navigation through any user interface.

Extensive file compatibility

ViewWRX™ can be configured to load documents in a variety of formats direct from the original files without conversion. Content is rendered by ENTWRX's benchmark, high-quality graphics engine with realistic page layout, interactive control and anti-aliased resolution enhancement.



Cross-platform compatibility

ViewWRX™ uses ENTWRX's well-established platform independent porting layer to allow easy integration. An ENTWRX-defined API allows you to appropriately intercept or execute system calls. Filing system access can be limited to selected folders; memory allocation can be balanced with other applications; key-presses can be assigned to suitable functions for action.

Product highlights

ViewWRX™ empowers your engineers to put state-of-the-art features in front of your users, while retaining complete control of appearance and capabilities. ViewWRX™ offers a broad spectrum of powerful document manipulation features:

- Pan and zoom, fit page to screen, rotate
- Change to next, previous or specific page
- Animated page-turn effects
- Hide off-screen, full screen mode
- Reformat large pages to fit on small screen
- Font engine providing scalable fonts
- Bi-directional text
- Receive control input by keyboard or touch screen
- Compatible with most European, Asia and other language regions

SEEING IS BELIEVING.
REQUEST A DEMONSTRATION TODAY.

INSIDE ViewWrx™ SDK

VIEWABLE FILE FORMATS

Microsoft Word 97, 2003, 2007, 2010 .doc .docx, Microsoft Excel 97, 2003, 2007, 2010 .xls .xlsx, PowerPoint 97, 2003, 2007, 2010 .ppt .pptx, Adobe PDF .pdf, Plain text .txt, Bitmap images .jpg .bmp .png .gif, Vector images .wmf .emf.

OPERATING SYSTEMS

ViewWrx™ operates on Multiple Platforms, Linux, Windows, Android, iOS. Other platforms including RTOS subject to integration.

INTERNATIONALISATION

Arabic, Chinese (simplified), Chinese (traditional), Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hebrew, Indonesian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, Slovak, Spanish, Swedish, Thai, Turkish and Ukrainian.

RENDERING & FONT ENGINE

Optimised display manager, Pan and Zoom, Capability, Anti Aliasing and advanced scaling technology. ENTWRX Type Rendering, Vector Fints – Postscript (1,2,3), TrueType and OpenType.

Freeform pan

The highly responsive capable of an infinitely variable zoom range provides instantaneous feedback to the user interact with their content.

Platform Independence

Providing powerful PC functionality and experience to low-end devices across all platforms. ViewWrx™ uses platform independent code, making integration straightforward on any operating system.

High fidelity rendering

ENTWRX's ViewWrx™ technology delivers faithful replication of desktop content on mobile. The powerful font engine ensures sharp and crystal clear font representation no matter how small the screen.



Simple integration

ENTWRX has delivered ViewWrx™ on dozens of platforms and offers a training and support programme to ensure efficient integration and optimal performance. A working prototype is generally demonstrable after about two weeks of joint engineering effort, after which a cycle of testing ensures complete satisfaction.

Performance and requirements

ViewWrx™ can open, display and manipulate content in remarkably short amounts of time. The time taken to load a file varies dependent on a document's contents. The ViewWrx™ SDK can run in small, configurable time slices (defaulting to 200ms) to facilitate shared execution even on non-multi-tasking devices. Most keystroke and gesture actions are completed in a moment, giving truly immersive interactivity.

ViewWrx™ requires around 1.5Mb of ROM, with approximately 300Kb more for Asian fonts. At runtime, a working heap of 4Mb is sufficient. If this memory is exhausted, large documents will be loaded page by page. ENTWRX recommends a processor speed of 200MHz or more, and a full colour (16bpp) screen with at least 176x144 pixels. These figures are for guidance only.

Who we are

ENTWRX is a dynamic platform provider with embedded products on over 800 million devices globally which delivers the richest user experience on mobile. Key stakeholders of the mobile value chain – including network operators, OEMs and content owners rely on ENTWRX's solutions to enable the delivery of documents, content and user interface solutions. ENTWRX's unique technology enables delivery of the highest quality aesthetic and brings desktop experience to mobile.