MEAP Web

Empower your Web Applications with the MEAP Web Open MFP Platform.

you can

Canon has revolutionised the MFP sector by pioneering the MEAP (Multifunctional Embedded Application Platform) in 2003.

While Canon continues to enhance the MEAP platform, Canon has now developed a new application platform, MEAP Web. MEAP Web employs Web Services technology to allow an application to be developed and deployed on a server. With support for the dual platforms, Canon's imageRUNNER ADVANCE range of MFP's create a new high for the smart MFP platform.

KEY FEATURES

Rapid development

- Developer can reuse existing open source software libraries and modules to create applications.
- No customised software is deployed to the MFP, no prior knowledge required of Canon proprietary technologies.
- Application prototypes can be created in days.

Reduced development cost

- MEAP Web applications do not require highly specialised developers, hence reduced resource costs.
- A MEAP Web application can be developed using a range of technologies, e.g. ASP with Microsoft.NET technologies, JSP, PHP, etc.

Truly open platform

- Available to EMEA based developers via BSDP (Business Solutions Developer Programme) at a nominal fee.
- MEAP Web applications are runtime royalty free.

Scalability

- A MEAP Web application is deployed to a Server and a user can access the application via the Web browser on multiple MFPs.

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BENEFITS

MEAP Web brings many benefits to customers

- **Rich user experience.** It is crucial to have a simple and intuitive user interface. A MEAP Web application can have a very rich UI thanks to the support for HTML/XHTML, Javascript, CSS and Flash.
- **Ease of management.** A MEAP Web application is deployed to a Server. This makes application deployment and management very easy.
- **Independence.** Customers can now offer consistent functionality across mixed fleet MFP hardware by utilising a common Web application.

Key benefits for Channel Partners

- **Minimal development resources required.** Most Channel Partners have very limited development resources. MEAP Web utilises open standard technologies so the learning curve and development effort is minimal.
- **Favourable business model.** The MEAP Web SDK attracts a nominal upfront fee and there is no runtime royalty for deployed applications.
- **Support for Mixed Fleet.** MEAP Web applications are effectively a web site. Therefore it is easy to develop applications that support both Canon imageRUNNER ADVANCE devices and 3rd party MFPs, assuming 3rd party MFPs have Web Services based application interfaces.

Key benefits for application System Integrators & Developers

- **Low barrier of entry.** MEAP Web uses standard Web Services technologies such as, HTML/XHTML, CSS and Javascript, allowing MEAP Web applications to be developed using existing skill sets.
- **Installation & Maintenance.** MEAP Web applications are centrally administrated from a Web Server, allowing personal buttons to be uploaded to the MFP from the remote UI tool whilst removing the need to install any customised applications to the MFP.

TECHNICAL OVERVIEW

The MEAP Web technology consists of:

- Web Browser – Supporting HTML, XHTML, CSS, Javascript, Flash and PDF Viewer
- Service Provider – Supporting scanning and scanned image transmission functions via a Web Services interface.

Both Web Browser and Service Provider are device accessories for imageRUNNER ADVANCE devices, and they are available as a single device option.

The Web Browser provides the user interface which is defined by the web pages from the Web Server. The application can use the Web Services interface to instruct the Service Provider to scan documents and send scanned images to a FTP or FAX Service.

MEAP Web applications can be set as personal buttons, allowing the same user experience for device native functions and existing MEAP applications.

How do I get the MEAP Web SDK?

The MEAP Web SDK is available for download from The Business Solutions Developer Programme (BSDP).

Visit the BSDP site at:
www.canon-europe.com/bsdp

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