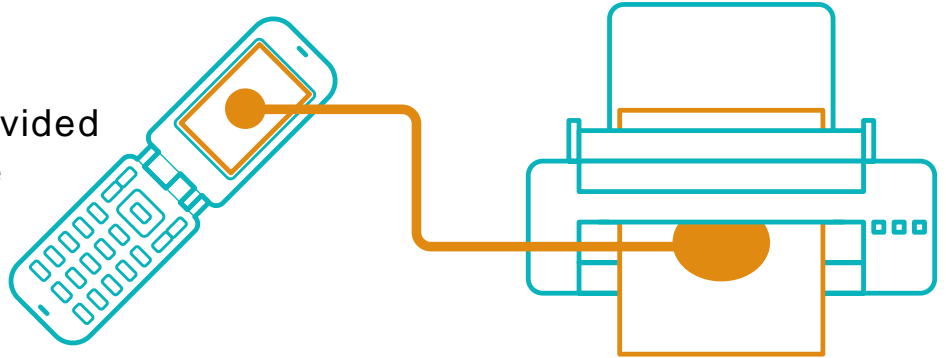


Middleware for printing photos directly to a printer from a camera-equipped mobile phone

Mobile PictDirect

PictBridge* compliant
 Java API support
 Sample source code provided
 Porting service available



Mobile PictDirect is middleware for mobile phones compliant with PictBridge, a standard established by the Camera & Imaging Products Association (CIPA) for printing digital images without using a PC. Installing **Mobile PictDirect** on a camera-equipped mobile phone enables it to directly print beautiful images on compliant printers. Any printer supporting PictBridge can be used, regardless of manufacturer or model. And since **Mobile PictDirect** also supports a Java API, it offers many possibilities beyond easy printing of digital images; with **Mobile PictDirect**, you can download Java applications to the mobile phone for image processing, make postcards, stickers, and more.

With today's mobile phones equipped with megapixel-class cameras, there is growing demand for the ability to print photos taken with a mobile phone. Until now, however, the only available options were to use a special dedicated printer or using a fee-based printing service. This technology makes it possible to print images on ordinary printers supporting PictBridge, making printing from the mobile phone easier and more accessible.

Mobile PictDirect is provided with sample source code and documentation. Additionally, eSOL Co., Ltd. offers porting and customization service, reducing the burden on mobile-phone manufacturers.

■PictBridge

PictBridge is a standard for connecting a digital camera and printer directly via a USB cable, and printing without using a PC. Established by the Camera & Imaging Products Association (CIPA), this standard is endorsed by a large number of manufacturers of digital still cameras and printers, and has become the de-facto industry standard. Until now, manufacturers have supported direct print via proprietary systems, limiting the combinations of digital cameras and printers that could "talk to each other." The establishment of the PictBridge standard makes it possible for any digital camera and printer to be combined, regardless of manufacturer or model, as long as they both support the PictBridge standard.

■For Product Inquiries



Sales
 Aplix Corporation
 Tel. +81-3-3207-6575 email: sales@JBlend.com
 URL: <http://www.JBlend.com/>



Sales Dept. I Solution Engineering Div.
 eSOL Co., Ltd.
 Tel. +81-3-5365-1280 email: se-solution@esol.co.jp
 URL: <http://www.esol.co.jp/>

Items Provided

■PictDirect Engine (Library)

Two binary libraries are provided. The first is a product binary supporting various CPU/OS/compiler options used on the target mobile phone, and the second is a T-Engine or Windows binary for reference during development.

■PictDirect Porting Layer Reference Implementation (RI)

T-Engine or Windows sample source code (with ability to modify/redistribute, etc.). Note, that the file system and USB Driver/Middleware are provided in binary form, as non-redistributable samples (it is possible to obtain redistribution licenses and versions for different CPUs/OSs separately from eSOL Co., Ltd.).

■Native Code Test Application

Source code written in C is provided as a prototype for application development.

■Wrapper Layers for Java (Java Extension)

JBlend Version: Wrapper supporting JBlend provided in binary form.

Other VM Versions: A wrapper is provided in binary form that integrates with the VM using the Sun-standard KNI, and can also integrate with other VMs. Source code also provided at customer request.

■Java Test Application

A test application is provided as source code which can be used as a prototype for application development.

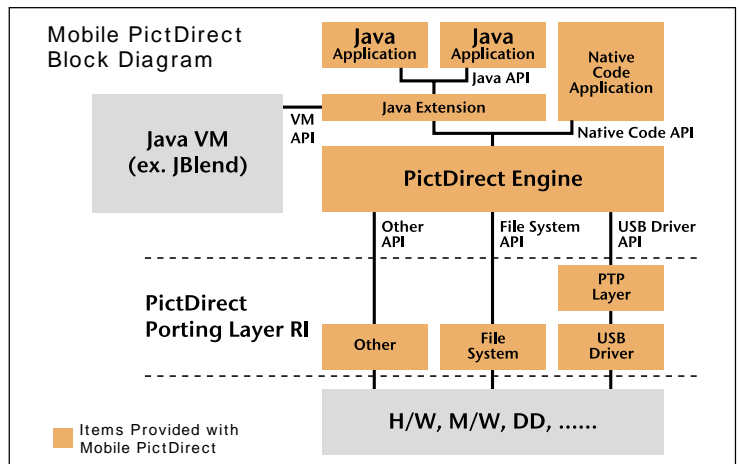
■Java Sample Application

A sample application is provided in binary form which can be used for bundling. Customization and other services are available at customer request (for a fee).

■Documentation

A porting guide is provided in Japanese or English.

Note: The contents and makeup of the items provided are subject to change without notice.



* JBlend and all Aplix- or JBlend-related trademarks and logos are trademarks or registered trademarks of Aplix Corporation in Japan and other countries. * Java and all Java-related trademarks and logos are trademarks or registered trademarks of Sun Microsystems, Inc. in the U.S. and other countries. * PictDirect is a trademark of eSOL Co., Ltd. * Other company names, product names and other trade names indicated herein may be trademarks or registered trademarks of their respective owners.