



PrintJinni™ (for BlackBerry® RIM®) – A Mobile Printing Solution for Printer OEMs

The advent and strong growth of BlackBerry smartphones in business environments is resulting in the demand for mobile printing solutions from Printer OEMs. Developing, maintaining and enhancing a consistent product portfolio of mobile printing solutions across evolving BlackBerry Device Software versions and other mobile operating systems and handsets in a unified manner for a wide variety of documents and file types is a significant challenge for Printer OEMs.

Thinstream can enable Printer OEMs meet the printing needs of their BlackBerry mobile users across the SMB and enterprise markets with ready-to-market mobile printing solutions in flexible licensing and partnership models.

Thinstream's PrintJinni™ is a mobile printing solution that conveniently lets users print documents directly from their BlackBerry phones to Wi-Fi enabled or Wi-Fi Router connected network printers. With PrintJinni, users can print directly, without the need for additional cables, memory sticks or software. PrintJinni is easy to install and with fast click-to-print time, lets users print Microsoft® Office 2003 and Office 2007 documents, photos and JPEG, Web pages and PDF files.

Features

Direct Printing from BlackBerry Phones

PrintJinni helps users directly print documents, photos and JPEG, Web pages and PDF from their phones to industry standard PCL 5, PCL 6 and PostScript® 3™ printers on the local Wi-Fi network. Support for OEM proprietary PDLs can also be incorporated.

Printing from BlackBerry Applications

With the integrated print menu, PrintJinni allows users to seamlessly print supported files from within BlackBerry applications like File Explorer, Browser, Email, Image Viewer, etc. PrintJinni supports the built-in BlackBerry email client and allows users to print email text and supported attachments from all user-configured email accounts.

Cloud Services

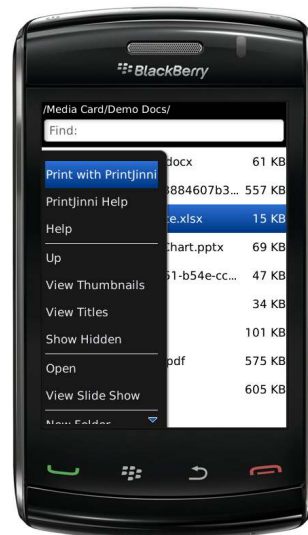
If users have subscribed for PrintJinni Services, PrintJinni also allows them to easily access a remote server on the 'cloud' to enable printing of supported Microsoft Office documents and PDF files. The cloud can be flexibly deployed across public and private networks with suitable security and encryption levels in appropriate user subscription models.

Printer Discovery

PrintJinni allows users to add frequently used printers as well as temporary printers to a preference list to make subsequent printing easy. The chosen printer is set as default for subsequent printing.

Comprehensive OEM Support

Thinstream can customize the PrintJinni user interface to specific Printer OEM requirements and incorporate support for OEM proprietary PDLs. The Printer OEM can leverage Thinstream's on-going product improvements which includes new features and enhancements to released products, and support for upgraded BlackBerry Device Software versions and BlackBerry devices. Depending on the licensing and partnership model, Thinstream can extend technical support to users.



Specifications

(PrintJinni™ Version 2.0.0)

Integrated Printing Utility	Integrated print menu option, with access to PrintJinni Cloud services and printing, from within BlackBerry applications	
Network/ Communications Support	<ul style="list-style-type: none"> ● Uses local Wi-Fi for printing ● Uses Wi-Fi or 3G Network or GPRS Network for accessing PrintJinni Cloud Services 	
Email Support	Supports email through the BlackBerry Mail client	
File Support	<ul style="list-style-type: none"> ● Microsoft Office 2003 (doc/xls/ppt) and Office 2007 (docx/xlsx/pptx) ● PDF, HTML, JPEG and photos (PNG) 	
Mobile Device Support	<ul style="list-style-type: none"> ● BlackBerry Device Software 5.0 (6.0 available in Q2 2011) 	
Printer Support	<ul style="list-style-type: none"> ● Wi-Fi enabled or Wi-Fi router connected printers supporting industry standard PCL 5, PCL 6 and PostScript® 3™ ● Direct PDF printing support (compatibility testing recommended) ● OEM proprietary PDL support (optional) 	
Paper Size	<ul style="list-style-type: none"> ● Documents: Letter, A4, A5 	<ul style="list-style-type: none"> ● Images: 5"x7", 4"x6", 3"x5", Letter, A4
Print Options	<ul style="list-style-type: none"> ● Copies: 1 – 99 ● Page range (for multi-page documents) 	<ul style="list-style-type: none"> ● Print preview ● Default printer
Print Resolution	<ul style="list-style-type: none"> ● 300 DPI Standard 	<ul style="list-style-type: none"> ● DPI for proprietary PDLs depends on OEM requirement
User Interface/ Manual	US English	
Application Size	350 KB	
PrintJinni Services	<ul style="list-style-type: none"> ● PrintJinni Cloud Services <ul style="list-style-type: none"> ● Trusted website (CyberTrust®) using SSL encryption for secure communication over Wi-Fi, 3G or GPRS Network to enable printing of supported Microsoft Office documents and PDF files by users ● File size up to 5 MB, dependent on device and memory configuration (file sizes above 5 MB may experience delays, data loss or may not print) ● Flexible cloud deployment across public and private networks ● Availability of aggregate print statistics for OEMs ● PrintJinni Product Upgrades for users ● Technical Support Services for users 	

For further information on mobile printing contact
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Services

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