



PrintJinni™ (for Apple® iOS) – A Mobile Printing Solution for Printer OEMs

The advent and strong growth of smartphones and tablets 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 a wide range of rapidly evolving 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. Thinxstream can enable Printer OEMs meet the printing needs of their mobile users across the consumer, SMB and enterprise markets with ready-to-market mobile printing solutions in flexible licensing and partnership models.

Thinxstream's PrintJinni™ is a mobile printing solution that conveniently lets users print documents directly from their Apple® iPhone®, iPod touch® and iPad™ 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. It is easy to install and with fast click-to-print time, lets users print Microsoft® Office 2003 and Office 2007 documents, photos and JPEG, and PDF files.

Features

Direct Printing from Apple Devices

PrintJinni directly prints documents, photos and JPEG, and PDF from the Apple iPhone or iPod touch or iPad to standard PCL 5, PCL 6 and PostScript® 3™ printers on the local Wi-Fi network. Support for OEM proprietary PDLs can also be incorporated.

'All-in-One' Application

PrintJinni is convenient to use and allows users to download, display, preview and print supported files, all within the same application on their Apple device.

Cloud Services

With PrintJinni Services, PrintJinni allows users to easily access a remote server on the 'cloud' and enables printing of supported Microsoft Office documents. 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 easily discovers and displays supported printers on the same Wi-Fi network. Based on preference, users can print to any of these printers. The chosen printer is set as default for subsequent printing.

Email Support

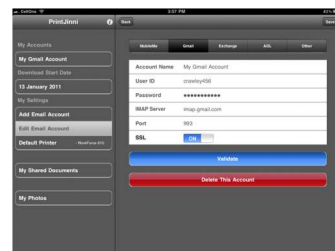
PrintJinni supports popular email servers. Users can use preconfigured IMAP-based email servers such as MobileMe™, Gmail™, Microsoft® Exchange and AOL® or easily setup any other IMAP-based email server. In addition, PrintJinni also supports popular email servers such as Yahoo® Mail and Hotmail®, which can be configured and accessed through the Apple Mail app.

Easy Set-up & Use

PrintJinni helps users to easily configure IMAP email accounts and printers. They can select supported documents from the Apple Mail app and popular email servers, preview and print them. Similarly, they can select, preview and print Album photos.

Comprehensive OEM Support

Thinxstream can customize the PrintJinni user interface to specific Printer OEM requirements and incorporate support for OEM proprietary PDLs. The Printer OEM can leverage Thinxstream's strong mobile printing roadmap support for feature enhancements to released products, including support for newer Apple iOS versions and Apple devices. Depending on the licensing and partnership model, Thinxstream can also extend technical support to users.



Specifications

(PrintJinni™ Version 2.0.0)

'All-in-One' Application	Download, display, preview documents/photos, enable access to PrintJinni Cloud Services and print all within one application	
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 downloading email attachments and accessing PrintJinni Cloud Services* 	
Email Support	<ul style="list-style-type: none"> ● Apple® MobileMeSM, GmailTM, Microsoft® Exchange, AOL® and other IMAP-based servers ● Other popular email servers such as Yahoo® Mail and Hotmail® supported by the Apple device ● Apple Mail app via Wi-Fi, 3G or GPRS Network as supported by the Apple device* 	
File Support	<ul style="list-style-type: none"> ● Microsoft Office 2003 (doc/xls/ppt) and Office 2007 (docx/xlsx/pptx) ● PDF, JPEG and photos (PNG) 	
Mobile Device Support	<ul style="list-style-type: none"> ● Apple iPod touch, iPhone 3G, iPhone 3GS (iOS 3.1.3 and above) ● Apple iPhone 4 (iOS 4.0 and above) ● Apple iPad (iOS 3.2.1 and above) 	
Printer Support	<ul style="list-style-type: none"> ● Wi-Fi enabled or Wi-Fi router connected printers running standard PCL 5, PCL 6, PostScript® 3™ and Direct PDF printing ● OEM proprietary PDL support (optional) 	
Download Options	<ul style="list-style-type: none"> ● File size limited to 5 MB, dependent on Apple device and memory configuration (file sizes above 5 MB may experience delays, data loss or may not print) ● Archive start date as download preference ● Search downloads by criteria for quick access 	
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 – 9 ● Page range (for multi-page documents) 	<ul style="list-style-type: none"> ● Preview ● Default printer
Print Resolution	216 DPI	
User Interface/ Manual	US English	
Application Size	1.3 MB	
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 by users ● 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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