



Mobiliti™

Certified Device List – FP5 Release

Last Updated – September 2015 - ASP Version



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Contents

- Revision and History4**
- Certified Device List for Mobiliti – Phone Channel.....5**
 - Scope 5
 - Optimization 5
 - Testing Approach 5
 - Limitation of Applicability..... 6
 - Supported Operating Systems and Browsers – Phone Channel..... 7
 - Supported Operating Systems 7
 - Supported Networks 9
 - Latest Certified Device List – Phone Channel 10
 - Known Issues – Phone Channel 13
- Certified Device List for Mobiliti – Tablet Channel14**
 - Scope 14
 - Criteria for Inclusion in the Certified Device List 14
 - Testing Approach 15
 - Supported Operating Systems and Networks – Tablet Channel 16
 - Supported Operating Systems 16
 - Supported Networks 16
 - Latest Certified Device List – Tablet Channel..... 17

Revision and History

Date	Description	Author
January 2012	New document	Product
March 2012	March 2012 updated list	Tech Comm
July 2012	Updated list for June/July certifications	Tech Comm
Nov 2012	Updated list for Production Release Date: Nov 15 2012- excerpted from Confluence	Tech Comm
Feb 2013	Changes to Channel Support and Operating System Support topics; updated/removed devices; Known issues added	Tech Comm
March 2013	Tablets supported	
April 2013	Devices added/removed	Tech Comm
May 2013	Updated Supported OS, Browsers, and Networks	Tech Comm
May 2013	Separated tablets from phones	Product
June 2013	Updated the copyright date	Tech Comm
August 2013	Updated the lists; changed the format of the phone and tablet lists	Tech Comm
December 2013	Updated the lists	Tech Comm
November 2014	Updated the lists; changed the format	Tech Comm
November 2014	Updated the phone list	Tech Comm
September 2015	Updated for FP5	Tech Comm

Certified Device List for Mobiliti – Phone Channel

NOTE: The Certified Device List supersedes the Supported Handset List that was delivered quarterly.

The Certified Device List details all phones that are certified to support the Mobiliti product. Phones no longer listed will continue to function as they did previously; however, they are not explicitly supported by Mobiliti.

The Certified Device List enables Fiserv to provide greater support for phones our clients are currently using, and the phones we predict they will begin using between now and the next release of the Certified Device List. All operating system updates received for phones at the time of publication of this list are also supported.

Scope

This document specifies only the phones supported or under evaluation for the Mobiliti ASP model as of the effective date of this document.

The applicable channels include SMS, Mobile Browser, and Downloadable Applications (APP).

Optimization

Mobiliti includes a Device Registry to manage phone optimization and specialization. Under its solution maintenance responsibilities, Fiserv tests and certifies the significant majority of mobile phones within a given market are effectively rendered across both the mobile browser and downloaded application access modes. Browser optimization and functional support for each phone by Mobiliti is determined based on the specific phone's capabilities.

Currently, the Mobiliti Device Registry includes over 4,500 distinct phones, including over 400 phones from Nokia, 100 from HTC, and so on. The Device Registry is managed through Mobiliti's administrative console – Control Center.

Testing Approach

Fiserv has a formal process for assuring optimized usability of Mobiliti across a broad range of phones in the markets within which it operates. The focus of our testing activities and approach is on phones that are widely sold, widely used, and most likely to be used by consumers of mobile financial services.

For every product release Fiserv takes the following approach to phone testing. We will test devices according to the following four metrics:

1. All devices used by 90% of the mobile banking population, based on pre-determined and reputable sources of industry data.
2. All devices, based on current sales trends, that are expected to reach the top 90% (as in 1.) within the three months from Certified Device List creation

3. Any devices newly released to market which are expected to reach the top 90% (as in 1.) within the three months from Certified Device List creation based on market reaction (i.e., where data is not available, next gen iPhone, Galaxy, etc.).
4. Up to 10 representative phones of varying makes, models, screen sizes, and operating systems.

Some devices not explicitly tested for and/or certified under Fiserv's device testing approach may still fully function as intended with Mobiliti. However, this document does not guarantee that they will.

Limitation of Applicability

For a given mobile phone model, a manufacturer may provide different versions of hardware, firmware, and operating system software. This practice is common, particularly for phones that are released into different geographic territories. These different versions of the same phone model may operate differently to the model version that has been assessed for the purposes of its inclusion in this document. Therefore, if the recipient of this information intends to give advice on the compatibility of a phone with the Mobiliti product, this must be tempered with a disclaimer informing the advisee of the limitation of the information.

Supported Operating Systems and Browsers – Phone Channel

Supported Operating Systems

The following outlines the scope of Mobiliti’s operating system and network support.

Operating System	Minimum OS Version Support	Maximum OS Version Support	Hardware Requirements	Browser Support	Channel Support
Android	Android version 2.2	The latest 2.2.x version before 2.3.3 (2.2-2.2.3)	N/A	<p>Only the default installed browser is supported</p> <p>For the majority of devices this is the Android Browser</p> <p>For devices such as the LG Nexus 4 and Motorola RAZR M where Chrome is the default browser, this will be supported</p> <p>Beta versions of browsers, such as Chrome Beta, are not supported.</p> <p>The SMS channel is only supported for Android devices that have SMS capability</p>	<p>Touch Browser</p> <p>SMS</p>
Android	Android version 2.3.3	All later major version updates are supported; for example 2.3.4+, 4.0, 4.1, 4.2, 4.3, 4.4, 5.0, 5.1	<p>Remote Deposit Capture support requires a camera of at least two mega-pixels in resolution</p> <p>Mobiliti does not support the use of the Android ‘Developers options’ settings</p>	<p>Only the default installed browser is supported</p> <p>For the majority of devices this is the Android Browser</p> <p>For devices such as the LG Nexus 4 and Motorola RAZR M where Chrome is the default browser, this will be supported</p> <p>Beta versions of browsers, such as Chrome Beta, are not supported.</p> <p>The SMS channel is only supported for Android devices that have SMS capability</p>	<p>Touch Browser</p> <p>Android Application</p> <p>SMS</p>

Operating System	Minimum OS Version Support	Maximum OS Version Support	Hardware Requirements	Browser Support	Channel Support
iOS – iPhone	iOS version 5.0.1	Versions 5.0.1 – 6.1.6 are supported. Beta releases of iOS will not be supported until they are publicly released.	None	Only the default installed browser is supported. For all iPhone devices this is the Safari Browser. Beta versions of all browsers, such as Chrome Beta, are not supported.	Touch Browser SMS
iOS – iPhone	iOS version 7.0	All later major version updates are supported; for example 7.0, 8.0, 8.1 Beta releases of iOS will not be supported until they are publicly released	None	Only the default installed browser is supported For all iPhone devices this is the Safari Browser Beta versions of all browsers, such as Chrome Beta, are not supported.	Touch Browser iPhone Application SMS
BlackBerry	BlackBerry OS version 4.2 (non-touch screen devices) BlackBerry OS version 4.7 (touch screen devices)	BlackBerry OS Version 5.1	None	The browser channel is no longer supported for non-Webkit capable Blackberry devices	SMS
BlackBerry	BlackBerry OS version 6	All later major version updates are supported; for example 6.1, 7, 10	For touch browser support, devices must support Webkit rendering (OS 6.0 and above)	Only the default installed browser is supported For all BlackBerry devices this is the BlackBerry browser	Touch Browser SMS

Operating System	Minimum OS Version Support	Maximum OS Version Support	Hardware Requirements	Browser Support	Channel Support
Windows Phone	Windows Phone OS version 7.5	All later major version updates are supported; for example 7.8, 8.0	None	<p>Only the default installed browser is supported, third-party browsers are explicitly not supported.</p> <p>For Windows Phone 8 devices, this is Internet Explorer 10 or above.</p> <p>For Windows Phone 7.5 devices, this is Internet Explorer 9.</p> <p>No Beta versions are supported.</p>	Touch Browser SMS
All other operating systems	N/A	N/A	None	<p>Only the default installed browser is supported</p> <p>Devices that are specifically identified as not supporting Webkit compatible browsers are not supported. Where possible devices will be directed to the Touch Browser channel.</p> <p>Beta versions and third-party browsers such as Opera are explicitly excluded</p>	Touch Browser SMS

For all device types, only devices running an unmodified version of the manufacturer-supplied operating system are supported.

Supported Networks

The Mobiliti product supports the Tier 1 carriers in the U.S., including:

- AT&T®
- Verizon®
- Sprint®
- T-Mobile®

Mobiliti’s support for non-Tier 1 carriers depends on the contractual agreement between the SMS gateway provider (aggregator) and the individual carrier. Contact the SMS Platform Manager at Fiserv for questions about a specific carrier’s support for Mobiliti.

Latest Certified Device List – Phone Channel

The following outlines the scope of Mobiliti’s general device support. Only devices explicitly listed in the Certified Device List are fully supported. Other devices that conform to the general support policy below may function with Mobiliti.

Brand/Manufacturer	Model	New To the List	OS	iPhone App	Android Phone App	Browser
Acer	Velocity	Y	Android	N	Y	Y
Apple	iPhone 3G		iOS	N	N	Y
Apple	iPhone 3GS		iOS	N	N	Y
Apple	iPhone 4		iOS	Y	N	Y
Apple	iPhone 4S		iOS	Y	N	Y
Apple	iPhone 5		iOS	Y	N	Y
Apple	iPhone 5C		iOS	Y	N	Y
Apple	iPhone 5S		iOS	Y	N	Y
Apple	iPhone 6		iOS	Y	N	Y
Apple	iPhone 6 Plus		iOS	Y	N	Y
AT&T	Avail 2		Android	N	Y	Y
AT&T	Radiant		Android	N	Y	Y
AT&T	Z998		Android	N	Y	Y
BlackBerry	Z10	Y	BlackBerry OS	N	N	Y
Casio	G’zOne Commando		Android	N	Y	Y
HTC	8X		Windows Phone	N	N	Y
HTC	Droid DNA		Android	N	Y	Y
HTC	EVO 4G		Android	N	Y	Y
HTC	EVO 4G LTE	Y	Android	N	Y	Y

Brand/Manufacturer	Model	New To the List	OS	iPhone App	Android Phone App	Browser
HTC	Incredible 2		Android	N	Y	Y
HTC	One M7		Android	N	Y	Y
HTC	One M8		Android	N	Y	Y
HTC	Thunderbolt		Android	N	Y	Y
LG	Connect 4G		Android	N	Y	Y
LG	G2		Android	N	Y	Y
LG	G3	Y	Android	N	Y	Y
LG	Nexus 4		Android	N	Y	Y
LG	Nexus 5		Android	N	Y	Y
LG	Optimus F3		Android	N	Y	Y
LG	Optimus F6		Android	N	Y	Y
LG	Optimus L70	Y	Android	N	Y	Y
LG	Optimus L9		Android	N	Y	Y
LG	Optimus One C G M Q S U T V		Android	N	Y	Y
LG	Volt	Y	Android	N	Y	Y
Motorola	Droid 3		Android	N	Y	Y
Motorola	Droid 4		Android	N	Y	Y
Motorola	Droid Bionic		Android	N	Y	Y
Motorola	DROID MAXX		Android	N	Y	Y
Motorola	DROID MINI		Android	N	Y	Y
Motorola	DROID RAZR / MAXX		Android	N	Y	Y
Motorola	DROID RAZR HD / MAXX		Android	N	Y	Y

Brand/Manufacturer	Model	New To the List	OS	iPhone App	Android Phone App	Browser
Motorola	DROID RAZR M / Electrify M		Android	N	Y	Y
Motorola	DROID Turbo	Y	Android	N	Y	Y
Motorola	DROID ULTRA		Android	N	Y	Y
Motorola	Droid X		Android	N	Y	Y
Motorola	Droid X2		Android	N	Y	Y
Motorola	Moto G		Android	N	Y	Y
Motorola	Moto X		Android	N	Y	Y
Motorola	Nexus 6	Y	Android	N	Y	Y
Motorola	Photon 4G		Android	N	Y	Y
Nokia	Lumia 92X		Windows Phone	N	N	Y
Nokia	Lumia 520 / 521		Windows Phone	N	N	Y
Nokia	Lumia 820 / 822		Windows Phone	N	N	Y
Samsung	Galaxy Avant	Y	Android	N	Y	Y
Samsung	Galaxy Centura		Android	N	Y	Y
Samsung	Galaxy Exhibit		Android	N	Y	Y
Samsung	Galaxy Light	Y	Android	N	Y	Y
Samsung	Galaxy Mega 6.3		Android	N	Y	Y
Samsung	Galaxy Nexus		Android	N	Y	Y
Samsung	Galaxy Note 2		Android	N	Y	Y
Samsung	Galaxy Note 3		Android	N	Y	Y
Samsung	Galaxy Note 4	Y	Android	N	Y	Y
Samsung	Galaxy Proclaim		Android	N	Y	Y

Brand/Manufacturer	Model	New To the List	OS	iPhone App	Android Phone App	Browser
Samsung	Galaxy S		Android	N	Y	Y
Samsung	Galaxy S2		Android	N	Y	Y
Samsung	Galaxy S2 Epic		Android	N	Y	Y
Samsung	Galaxy S3		Android	N	Y	Y
Samsung	Galaxy S3 Mini	Y	Android	N	Y	Y
Samsung	Galaxy S4		Android	N	Y	Y
Samsung	Galaxy S4 Mini		Android	N	Y	Y
Samsung	Galaxy S5		Android	N	Y	Y
Samsung	Galaxy S5 Active	Y	Android	N	Y	Y
Samsung	Galaxy S6	Y	Android	N	Y	Y
Samsung	Galaxy S6 Edge	Y	Android	N	Y	Y
Samsung	Galaxy S Stratosphere		Android	N	Y	Y
Samsung	Galaxy Stellar	Y	Android	N	Y	Y

Known Issues – Phone Channel

Device	Issue	Workaround
Motorola Droid X	When the camera is started, an out-of-memory exception occurs. This exception only occurs with the original factory firmware.	Motorola has an update that resolves this issue. Suggest the user update the device to the latest firmware.

Certified Device List for Mobiliti – Tablet Channel

The Certified Device List enables Fiserv to provide greater support for tablets our clients are currently using, and the tablets we predict they will begin using between now and the next release of the Certified Device List. All operating system updates received for tablets at the time of publication of this list are also supported.

Scope

This document specifies only the tablets supported or under evaluation for the Mobiliti ASP model as of the effective date of this document.

Mobiliti Tablet supports the downloadable application channel only.

Criteria for Inclusion in the Certified Device List

As the Tablet market is consolidated around a small number of form factors, screen resolutions, and chipsets, the Certified Device List provides a representative sample of Tablets based on Fiserv's research from reputable sources.

A device will be included in the Certified Device List if it meets all of the following criteria:

Apple

All Apple iPad devices are included in the list.

Android

- The device has a minimum screen size of 7" diagonal. Devices with screen sizes below 7" are supported by the phone channel.
- The device can support Android 4.0.3 (Android API level 15) or above. If the device is shipped with an OS version below 4.0.3, but the manufacturer provides an update to this version or later, then only upgraded devices are supported.
- The device supports either Google Play or the Amazon Appstore.
- The device meets either the "popular device" test or the "strategic device" test for the population of devices supporting that particular app store:

Popular device test:

- The device (in aggregate of variants) represents more than 0.5% of the total population, **and**
- The form factor of the device represents at least 20% of devices, **and**
- The device represents at least 10% of that form factor, **or**
- The device is likely to become popular enough to meet either of these tests within three months of the release of the Certified Device List

Strategic device test:

Fiserv determined the device to be strategically significant.

Testing Approach

The Mobiliti Tablet application is fully tested on all devices included in this list. It is likely that the application will run on a wide variety of Tablet devices; however, this document does not constitute warranty that it will.

Supported Operating Systems and Networks – Tablet Channel

The following outlines the scope of Mobiliti’s operating system and network support.

Supported Operating Systems

Operating System	Minimum OS Version Support	Maximum OS Version Support	Hardware Requirements	Application Support
Android	Android version 4.0.3	All later major version updates are supported, for example: 4.1, 4.2, 4.3, 4.4, 5.0 Beta releases of Android will not be supported until they are publicly released.	Remote Deposit Capture support requires a rear-facing camera of at least two mega-pixels in resolution. Google Play Services is required to support the Locations feature (thus this feature is unsupported on Amazon devices).	Android Tablet Application
iOS - iPad	iOS version 5.0.1	All later major version updates are supported; for example 5.1, 6.0, 6.1, 7.0, 8.0, 8.1 Beta releases of iOS will not be supported until they are publicly released	Remote Deposit Capture support requires a camera of at least two mega-pixels in resolution (Note: the iPad 1 and iPad 2 do not meet this requirement)	iPad Application

Supported Networks

The Mobiliti product can operate on any unrestricted TCP/IP data network. Operation on restricted networks (e.g., where a firewall might be in place) is not guaranteed.

Latest Certified Device List – Tablet Channel

The following outlines the scope of Mobiliti’s general device support. Only devices explicitly listed in the Certified Device List are fully supported. Other devices that conform to the general support policy may function with Mobiliti. For all device types, only devices running an unmodified version of the manufacturer-supplied operating system are supported.

Brand/ Manufacturer	Model	Screen Size	New To the List	OS	iPad App	Android Tablet App (Google Play)	Android Tablet App (Amazon)	Rear Camera (Mobile Deposit)
Apple	iPad 2	9.7"	N	iOS	Y			Y
Apple	iPad 3	9.7"	N	iOS	Y			Y
Apple	iPad 4	9.7"	N	iOS	Y			Y
Apple	iPad 5 (Air)	9.7"	Y	iOS	Y			Y
Apple	iPad Mini	7.9"	N	iOS	Y			Y
Apple	iPad Mini 2	7.9"	Y	IOS	Y			Y
Amazon	Kindle Fire HD	8.9"	Y	Android (Amazon)			Y	N
Amazon	Kindle Fire HDX	8.9"	Y	Android (Amazon)			Y	Y
Amazon	Kindle Fire HD	7"	Y	Android (Amazon)			Y	N
Amazon	Kindle Fire HDX	7"	Y	Android (Amazon)			Y	N
Acer	A5xx	10.1"	Y	Android		Y		Y
ASUS	Nexus 7 II	7"	Y	Android		Y		Y
ASUS	Nexus 7	7"	Y	Android		Y		Y
Barnes & Noble	Nook HD+	9"	Y	Android		Y		N
Samsung	Galaxy Tab	10.1"	Y	Android		Y		Y
Samsung	Galaxy Tab 2	7"	Y	Android		Y		Y

Brand/ Manufacturer	Model	Screen Size	New To the List	OS	iPad App	Android Tablet App (Google Play)	Android Tablet App (Amazon)	Rear Camera (Mobile Deposit)
Samsung	Galaxy Tab 3	10.1"	Y	Android		Y		Y
Samsung	Galaxy Note 10.1	10.1"	Y	Android		Y		Y
Samsung	Galaxy Note 10.1 2014 Edition	10.1"	Y	Android		Y		Y
Samsung	Nexus 10	10.1"	Y	Android		Y		Y