Growing Smarter Together

FORSTA PLUS v2021 USER SYSTEM REQUIREMENTS

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1 About this Document

This document provides a complete list of the Operating system and setup requirements for Forsta Plus users, toenable users to run the various Forsta applications and modules. These requirements apply whether the user is working with an On-Premise or a SaaS system.

Please report any errors in this document to support@Forsta.com.

Note: As of August 17th 2021 the majority of Forsta applications will no longer support IE 11. Exceptions to this rule are Professional Authoring, Reportal and Survey Respondents – these will continue to support IE 11 until June 2022. Asof June 15th 2022 Microsoft will no longer support IE 11, so the remaining applications will then also cease to support it.

1.1 Requirements for On-Premise Server Installations

System requirements for On-Premise server installations are described in the Forsta Server Manual, which is updatedfor each new version of the software.

1.2 Trademarks

Windows, Internet Explorer, Windows Edge and Edge Chromium are either registered trademarks or trademarks ofMicrosoft Corporation in the United States and/or other countries. Safari, Apple iOS, and Mac OS are trademarks ofApple Inc., registered in the U.S. and other countries. Mozilla and Firefox are registered trademarks of the Mozilla Foundation. Chrome is registered trademark of Google Inc. in the United Sates and/or other countries.

2 Forsta Plus Modules

Forsta Plus is an extensive software suite that provides user interfaces for end users accessing different application modules. The list of modules includes:

- Action Management
- Active Dashboards
- AskMe
- CAPI
- CATI
- Data Central
- Express
- Go
- Hierarchy Management

- Instant Analytics

- Kiosk

- Mobile Panel

- Pulse

- Professional Authoring (Standard and Professional Users)

- Reportal (Designers, Analysts and Viewers)

- SmartHub

- Studio

- Survey Designer

- Survey engine (Respondents)

- Translator

- XML Web Services

The requirements for using each of these application modules are covered individually in this document.

The Forsta Plus applications are designed for use with a minimum screen resolution of 1024 x 768 at 100% browser zoom with the quick-launch bar collapsed. If your system is set to a lower resolution or a different zoom level, this may prevent Forsta Plus being used. If a Mac is to be used, it must have the right-click functionality available.

2.1   Action Management

Action Management initiates, coordinates, and accelerates organization-wide action responding to survey feedback. Action Management may also be used to help coordinate the actions of team members on items unrelated to surveyresponse issues.

Action Management requirements	
Element	Supported
Operating system	Windows 8 Desktop or Windows 10.OS X.
Web browser	Internet Explorer 11 (Windows only), Microsoft Edge (current and previous 2 releases), Microsoft Edge Chromium, Firefox (current and previous 5 releases), Chrome (current and previous 5 releases).

Note that the user experience is designed for a minimum screen resolution of 1024x768 or higher at 100% browserzoom.

2.2   Active Dashboards

Active Dashboards provides actionable information relevant to each user's role within the organization. Each employee can receive a customized, interactive view of customer feedback data tailored to their specific roles and responsibilities.

Active Dashboards requirements	
Element	Supported
Operating system	Windows 8 Desktop or Windows 10.OS X.
Web browser	Internet Explorer 11 (Windows only), Microsoft Edge (current and previous 2 releases), Microsoft Edge Chromium, Firefox (current and previous 5 releases),Chrome (current and previous 5 releases).

Note that the user experience is designed for a minimum screen resolution of 1024x768 or higher at 100% browserzoom.

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2.3 Forsta AskMe

Forsta AskMe is a mobile app that allows respondents to complete Forsta Plus-created surveys either online or whileoffline. Respondents are therefore able to complete surveys in areas with bad or non-existent Internet connectivity. Forsta AskMe is Forsta's branded version of the Offline self-completion app.

2.3.1 Forsta AskMe for Android

Forsta AskMe for Android requirements	
Elemen t	Supporte d
Operating system	Google™ Android 6.0 or greater.

Device OS Permission

Google Play indicates the following permissions may be granted to the application. Some permissions are granted as part of installation while others are requested as they are required as part of using the application (i.e. on-demand). Seethe table below for further details of these permissions.

Permission	Reason	Requested
Location • precise location (GPS andnetwork-based)	Current location may be requested as part of survey.	On-demand
Wi-Fi connection information • view Wi-Fi connections	Allows app to use Wi-Fi to connect to the internet	Installation
Camera • take pictures and videos	Survey may request to take a photo or capture a video	On-demand
Microphone • record audio	Survey may request to record audio.	On-demand
Other • receive data from Internet • full network access • view network connections • connect and disconnect fromWi-Fi	Allows app to connect to the internet and to be notifiedwhen a new connection is available	Installation
Other • run at startup	Permits the application to upload captured data withoutneeding the app to be visible.	Installation
Other • prevent device from sleeping	Required to capture videos or record audio for longdurations	Installation

2.3.2 Forsta AskMe for iOS

Forsta AskMe for iOS requirements	
Elemen t	Supporte d
Operating system	iOS 12.0 or greater.

2.4 CAPI

Forsta CAPI is a dedicated personal interviewing and field interviewing module that forms part of the multi-channel Forsta Plus platform. Forsta Plus provides an administrative interface for managing consoles and surveydeployment. Four versions are available:

- CAPI App for Android – mobile application for Google Android devices (tablet and phone)
- CAPI App for iOS – mobile application for Apple iOS devices (tablet and phone)
- CAPI App for Windows – modern Windows application that supports either JavaScript or Jscript.Net enabledsurveys and modern features such as Responsive Layout support, location capture and Image upload.
- CAPI Console for Windows – legacy Windows application.

2.4.1   CAPI App for Android

CAPI App for Android requirements (interviewer app)	
Elemen t	Supporte d
Operating system	Google™ Android 6.0 or greater.

Device OS Permission

Google Play indicates the following permissions may be granted to the application. Some permissions are granted as part of installation while others are requested as they are required as part of using the application (i.e. on-demand). Seethe table below for further details of these permissions.

Permission	Reason	Requested
Wi-Fi connection information • view Wi-Fi connections	Allows app to use Wi-Fi to connect to the internet	Installation
Photos / Media / Files • read the contents of your USBstorage • modify or delete the contentsof your USB storage Storage • read the contents of your USBstorage • modify or delete the contentsof your USB storage	Required to capture photos, audio or videos.	Installation
Location • precise location (GPS andnetwork-based)	Current location may be requested as part of survey.	On-demand
Microphone • record audio	Survey may request to record audio.	On-demand
Camera • take pictures and videos	Survey may request to take a photo or capture a video	On-demand

Other	Allows app to connect to the internet and to be notifiedwhen a new connection is available	Installation
• receive data from Internet • full network access • view network connections • connect and disconnect fromWi-Fi		

Other	Permits the application to upload captured data while theapp is not visible. This allows data captured when no active connection is available to be sent when a connection becomes available without requiring a userto take action.	Installation
• run at startup		

2.4.2 CAPI App for iOS

CAPI App for iOS requirements (interviewer app)	
Elemen t	Supported
Operating system	iOS 13.0 or greater.

2.4.3 CAPI App for Windows

This is a modern Windows application that supports both Jscript.Net and JavaScript enabled surveys, and modernfeatures such as Responsive Layout, location capture and Image upload.

CAPI App for Windows requirements (interviewer app)	
Elemen t	Supporte d
Operating system	Windows 10 version 1803 or higher.
Operating SystemExtras	Microsoft.NET framework 4.7.2
Optional	Microsoft BitLocker encryption for encryption support. On-board GPS for improved location capture accuracy. Windows 10 version 1903 or higher is required for QR/Barcode capture questions.

2.4.4 CAPI Console for Windows

CAPI Console for Windows requirements (interviewer console)	
Elemen t	Supporte d
Operating system	Windows 8* or Windows 10*.
Memory	1 Gb.
CPU	2 GHz or greater.
Web Browser	Internet Explorer 11.
Operating systemextras	Microsoft .NET framework 2.0 – https://www.microsoft.com/en-gb/download/details.aspx?id=16614 Microsoft .NET 4.7.1 - https://www.microsoft.com/en-us/download/details.aspx?id=56116

| *Operating systemextras* | Microsoft Web Services Enhancements (WSE) 3.0 runtime – |
| | http://www.microsoft.com/downloads/details.aspx?familyid=9E59C3FB-E7BC-4D91-908F-411A8D329F3D&displaylang=en |

Note: CAPI requirements (except OS and Web browser) will be installed automatically by the Forsta CAPI setupapplication if not already installed.

Note: Windows 8 RT edition is not supported.

***Dial-up connections have not been tested under 64-bit operating systems and are therefore not supported.

2.5 CATI

The CATI module adds support for online Computer Assisted Telephone Interviewing capabilities to Forsta Plus.Interviewers currently have a choice of two interfaces, the older interface is a Windows based application that must be downloaded and installed to a Windows PC. The new interface is entirely browser based and can be operated on any device with a suitable specification and supported web browser.

CATI requirements (Windows PC-based interviewer console)	
Element	Supported
Operating system	Windows 7 SP1, Windows 8.1, Windows 10.
Memory	1 GB for 32-bit, 2 GB for 64-bit.
Disk space	16 GB for Windows 7/8, 32 GB for Windows 10.
CPU	2 GHz or greater.
Internet Browser	Internet Explorer 11.
Operating systemextras	Microsoft .NET framework 4.6.2 or later. https://www.microsoft.com/en-us/download/details.aspx?id=53344

Note: CATI requirements (except OS) will be installed automatically by the CATI setup application if not already installed.CATI automatically installs .NET 4.6.2, if not already installed. If a later version is required, this can be installed manually.

We recommend that users add Forsta to "Trusted sites" in their browser's security settings, and that the adjustmentsto the security settings mentioned below should be done for trusted sites only:

Windows PC-based interviewer console Internet Explorer security settings		
Element	Setting	Purpose / Effect
Display mixed content	Enable	Some surveys/survey layouts in HTTPS might use imagesources from a HTTP site and vice versa.
Submit non-encrypted form data	Enable	Will not be able to submit form data in Forsta Plus if this isset to Disable.

CATI requirements (Web browser-based interviewer console)	
Element	Supported
Operating system	Any.
Memory	1 GB.
Internet Browser	Recent versions of Chrome, Firefox or Edge (Chromium-based version only)

CATI Operational Requirements

Forsta will not support call centre environments where the interviewing devices do not meet our minimum requirements. Furthermore, Forsta will not support customers where the interviewing devices are installed or configured with 3rd party applications which run or interact with the host device during shift times. Virus scanners, OS

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Updates and backup software can be installed and enabled, but must be configured to run and self-update out of operational hours. Other applications such as spyware scanners and personal firewalls may impact your usage of Forsta and therefore may also need to be disabled during operational hours. Forsta recommends that interviewerdevices be locked down using Group Policies to prevent unauthorised access to the Operating System, web sites and system configuration.

Note that the user experience is designed for a minimum screen resolution of 1024x768 or higher at 100% browserzoom.

2.6   Data Central

Data Central is a desktop application that helps streamline and optimize data processing functions. These functions include data and metadata definition and manipulation, cleaning and recoding, reformatting, streaming, weighting, andexporting. The generated data processing tasks can be either executed server site or locally depending on the data processed.

Data Central requirements	
Element	Supported
Operating system	Windows 8, Windows10 (32 and 64-bit versions).
Memory	512 Mb.
CPU	1 GHz or greater.
Free Disk space	30 MB minimum required.
Operating systemextras	Microsoft .NET framework 3.5: http://www.microsoft.com/downloads/details.aspx?FamilyID=AB99342F-5D1A-413D-8319- 81DA479AB0D7&displaylang=en To run the Horizontal Merge operation, any version and edition of Microsoft SQL Server sinceSQL Server 2005, including Microsoft SQL Express, is required. To import SPSS data (SAV, Quanvert, Dimension, Quancept, Surveycraft) the UNICOM Intelligence Data Model must be purchased and installed on your machine. Contact Unicomfor further information: https://www.teamblue.unicomsi.com/products/unicom-intelligence/. Forsta is not authorized to obtain a license for the UNICOM Inteligence Data Model. Forsta is therefore in no position to test or reproduce issues related thereto. We therefore expressly disclaim any and all warranties pertaining to operations you may perform related toSPSS data, such as but not limited to loading SPSS data to / from Forsta, or running data through the UNICOM Inteligence Data Model on Forsta Data Central.

2.7   Digital Feedback

Digital Feedback enables you to define multiple website intercept scenarios in a single program, using a modern andintuitive interface.

Digital Feedback Requirements	
Element	Supported
Operating system	Windows 8 Desktop or Windows 10.OS X
Web browser	Microsoft Edge (current and previous 2 releases), Microsoft Edge Chromium, Firefox (current and previous 5 releases), Chrome (current and previous 5 releases), Safari

	11+.

Note that the user experience is designed for a minimum screen resolution of 1024x768 or higher at 100% browserzoom.

2.8 Discovery Analytics

Discovery Analytics is an easy-to-use tool that helps analysts interact with, explore, and visualize data within SmartHub.

Discovery Analytics requirements	
Element	Supported
Operating system	Windows 8 Desktop or Windows 10.OS X.
Web browser	Internet Explorer 11 (Windows only), Microsoft Edge (current and previous 2 releases), Microsoft Edge Chromium, Firefox (current and previous 5 releases),Chrome (current and previous 5 releases).

Note that the user experience is designed for a minimum screen resolution of 1024x768 or higher at 100% browserzoom.

2.9 Forsta Go

Forsta Go provides a native mobile app experience for insights revealed through Studio dashboards.

2.9.1 Forsta Go for Android

Forsta Go for Android requirements	
Element	Supported
Operating system	Google™ Android 6.0 or greater.

2.9.2 Forsta Go for iOS

Forsta Go for iOS requirements	
Element	Supported
Operating system	iOS 12.0 or greater.

2.10 Hierarchy Management

The Hierarchy Management functionality allows you to define and manage hierarchy definitions and assign contacts tohierarchy units for hierarchies used in surveys and reporting in Forsta Plus.

Hierarchy Management Requirements	
Element	Supported
Operating system	Windows 8 Desktop or Windows 10.OS X
Web browser	Internet Explorer 11 (Windows only), Microsoft Edge (current and previous 2 releases), Microsoft Edge Chromium, Firefox (current and previous 5 releases), Chrome (current andprevious 5 releases), Safari 11+.

Note that the user experience is designed for a minimum screen resolution of 1024x768 or higher at 100% browserzoom.

2.11   Instant Analytics

Instant Analytics provides instant access to survey analytics with zero setup.

Instant Analytics requirements	
Elemen t	Supporte d
Operating system	Windows 8 Desktop or Windows 10.OS X.
Web browser	Internet Explorer 11 (Windows only), Microsoft Edge (current and previous 2 releases), Microsoft Edge Chromium, Firefox (current and previous 5 releases),Chrome (current and previous 5 releases).

2.12   Kiosk

The Kiosk module adds offline interviewing capabilities to Forsta Plus through a downloadable interviewerconsole. Forsta Plus provides an administrative interface for managing consoles and survey deployment.

Kiosk requirements (interviewer console)	
Elemen t	Supporte d
Operating system	Windows 8* or Windows 10*.
Memory	1 Gb.
CPU	2 GHz or greater.
Web Browser	Internet Explorer 11.
Operating systemextras	Microsoft .NET framework 2.0 – https://www.microsoft.com/en-gb/download/details.aspx?id=16614 Microsoft .NET Framework 4.5: http://www.microsoft.com/en-US/download/details.aspx?id=30653
Operating systemextras	Microsoft Web Services Enhancements (WSE) 3.0 runtime - http://www.microsoft.com/downloads/details.aspx?familyid=9E59C3FB-E7BC-4D91-908E-411A8D329F3D&displaylang=en

Note: Kiosk requirements (except OS and Web browser) will be installed automatically by the CAPI setup application ifnot already installed. CAPI automatically installs .NET 2.0, .NET 4.5 and WSE 3.0 if not already installed.

Note: Windows 8 RT edition is not supported.

**Dial-up connections have not been tested under 64bit operating systems and are therefore not supported.

2.13   Forsta Mobile Panel

Forsta Mobile Panel (also known as Panel App) provides a mobile app experience for Panel users to complete surveys, receivesurvey invite notifications, view available surveys and points.

2.13.1 Forsta Mobile Panel for Android

Forsta Mobile Panel for Android requirements	
Element	Supported

Operating system	Google™ Android 5.0 or greater.

Device OS Permission

Google Play indicates the following permissions may be granted to the application. Some permissions are granted as part of installation while others are requested as they are required as part of using the application (i.e. on-demand). Seethe table below for further details of these permissions.

Permission	Reason	Requested
Wi-Fi connection information • view Wi-Fi connections	Allows app to use Wi-Fi to connect to theinternet	Installation
Photos / Media / Files • read the contents of your USB storage • modify or delete the contents of your USBstorage Storage • read the contents of your USB storage • modify or delete the contents of your USBstorage	Required to capture photos	Installation
Location • approximate location (network-based) • precise location (GPS and network-based)	Current location may be requested as part ofsurvey.	On-demand
Other • full network access • view network connections • connect and disconnect from Wi-Fi	Allows app to connect to the internet and tobe notified when a new connection is available	Installation
Other • run at startup	Required for surveys that are triggeredbased on location proximity.	Installation
Other • access Bluetooth settings • pair with Bluetooth devices	Surveys may be triggered based onproximity to beacons.	Installation

2.13.2 Forsta Mobile Panel for iOS

Forsta Mobile Panel for iOS requirements	
Elemen t	Supporte d
Operating system	iOS 12.0 or greater.

2.14   Model Builder

Model Builder is the application you use build the categorization model, which is used to analyze your text in TextAnalytics.

Model Builder Requirements	
Element	Supporte

	d
Operating system	Windows 10, Ubuntu 16.04.

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Web browser	Microsoft Edge (current), Microsoft Edge Chromium, Firefox (current), Chrome (current).

Note that the user experience is designed for a minimum screen resolution of 1024x768 or higher at 100% browserzoom.

2.15 Professional Authoring

The Authoring module is used for creating and managing surveys in an intuitive web interface.

Professional Authoring requirements (Standard and Professional users)	
Element	**Supporte d**
Operating system	Windows 8 Desktop or Windows 10.OS X*
Web browser	Internet Explorer 11 (Windows only), Firefox (current and previous 5 releases), Chrome (current and previous 5 releases)*
Web browsing enhancement (Internet Explorer only)	Microsoft XML parser 3.0 SP3Microsoft XML parser 6.0
Office components	Microsoft Office 2003 formats capable office suite for opening exports: Microsoft Office 2007, Microsoft Office 2010, Microsoft Office 2013 or Microsoft Office2016.

* "Panelist Editor" and "Compare Survey version" are not supported in Chrome and Firefox. Refer to the ProfessionalAuthoring User Guide for details. Silverlight is only supported in Internet Explorer on Windows (see below).

The Edge browser is not supported for Professional Authoring, however users will be allowed to log on via Edge.

Browser capability requirements	
Element	**Descriptio n**
Cookies	Client cookies and session cookies must be allowed from the Forsta server. If the client browser does not accept cookies, Authoring users will be unable to log on to the system.

We recommend that users add Forsta to "Trusted sites" in their browser's security settings, and that the adjustmentsto the security settings mentioned below should be done for trusted sites only:

Browser security settings (Internet Explorer only)		
Element	**Setting**	**Purpose / Effect**
Binary and Script Behaviors	Enable	Some pages require this setting.
Download Signed ActiveX controls	Enable / Promp t	If using the VSFlexGrid Pro ActiveX component for editing answer lists, ActiveX needs to be enabled. If using the DHTML orSilverlight component for editing answerlists, ActiveX is not required.
Run ActiveX controls and plugins	Enable	See above.

Script ActiveX controls marked assafe for scripting	Enable	See above.
Font download	Prompt	Preview of a survey using a font that is not already installed willnot work.
Display mixed content	Prompt / Enable	Some surveys/survey layouts previewed in HTTPS might use image sources from a HTTP site and vice versa.
Drag and drop or copy and pastefiles	Enable	Users will not be able to drag images into WYSIWYG fields in Forsta Plus when set to Disable or Prompt.
Submit nonencrypted form data	Enable	Will not be able to submit form data in Forsta Plus if this isset to Disable.
Userdata persistence	Enable	Forsta Plus stores a lot of information, such as size and positioning of objects, in userdata.
Active scripting	Enable	Forsta Plus uses scripting in most parts of the application.
Allow paste operations via script	Enable	Users will not be able to paste into the WYSIWYG fields of Forsta Plus if this setting is disabled.
Automatic prompting for filedownloads	Enable	Required to allow launching of CATI monitoring from theinterviewer list activity view.
Use software rendering instead ofGPU rendering.	Enable	If using IE11, setting must be enabled to display toolbox icons.Note that IE must be restarted for setting change to take effect.

Requirements for Answerlists*, Survey Data Template Editor and Online Coding	
Element	Supported
Microsoft Silverlight	Microsoft Silverlight 5.0 (Internet Explorer only). http://www.microsoft.com/silverlight/resources/install.aspx

For answer lists, there is a DHMTL alternative to the Silverlight answerlist editor that is supported across all browsers.

Note that the user experience is designed for a minimum screen resolution of 1024x768 or higher at 100% browserzoom.

2.16 Pulse

Pulse allows end users to survey their organization at any time to gain insights and asses whether changes made due to previous surveys have had the desired effect.

Pulse Requirements	
Element	Supported
Operating system	Windows 8 Desktop or Windows 10.OS X
Web browser	Internet Explorer 11 (Windows only), Microsoft Edge (current and previous 2 releases), Microsoft Edge Chromium, Firefox (current and previous 5 releases), Chrome (current andprevious 5 releases), Safari 11+.

Note that the user experience is designed for a minimum screen resolution of 1024x768 or higher at 100% browserzoom.

2.17 Reportal

Reportal enables users to design and view reports so data collected from surveys can be analyzed. For a full list ofrequirements for using Reportal, consult the table below.

Reportal requirements (design mode)	
Elemen t	Supporte d
Operating system	Windows 8 Desktop or Windows 10.OS X.
Web browser	Internet Explorer 11, Firefox (current and previous 5 releases), Chrome (current andprevious 5 releases).
Web browsing enhancement(Internet Explorer only)	Microsoft XML parser 3.0 SP3Microsoft XML parser 6.0

The Edge browser is not supported for Reportal, however users will be allowed to log on via Edge.

Reportal requirements (analyst mode)	
Elemen t	Supporte d
Operating system	Windows 8 Desktop or Windows 10.
Web browser	Internet Explorer 11, Firefox (current and previous 5 releases), Chrome (current andprevious 5 releases).
Web browsing enhancement(Internet Explorer only)	Microsoft XML parser 3.0 SP3Microsoft XML parser 6.0

Reportal requirements (view mode)	
Elemen t	Supporte d
Operating system	Any operating system supported by the operating system vendor.
Web browser	Internet Explorer 11 Microsoft Edge (current and previous 2 releases).Microsoft Edge Chromium. Opera (current and previous 5 releases). Firefox (current and previous 5 releases).Safari 11+ Chrome (current and previous 5 releases). Previous versions of Internet Explorer, Firefox, Safari, Chrome and Opera will normally allow access to most functionality, but Forsta will not be supportingviewer related issues with older browsers.

*)Report viewer components fully support the Edge browser for reports run on Forsta SaaS environments, and for on- premise versions 19 or later. This support only applies to the newest versions of Forsta reporting components, and notto older versions which have been replaced by newer alternatives (e.g. Hitlist version 1 and chart rendering engine version 1 (Dundas) are not supported).

Browser capability requirements	
Elemen t	Descriptio n
Add-ons	Browser embedded Macromedia Flash Player is required to display animated charts onchart rendering engine version 1 (Dundas).

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Browser security settings (Internet Explorer only)		
Element	Setting	Purpose / Effect
Download Signed ActiveX controls	Enable / Prompt	Required to download and install Macromedia Flash Player ActiveX component. Animated charts on chart rendering engineversion 1 (Dundas) will not work if this setting is disabled.
Run ActiveX controls and plugins	Enable	Animated charts on chart rendering engine version 1 (Dundas) rely on ActiveX controls that are installed with Internet Explorer.
Script ActiveX controls marked assafe for scripting.	Enable	Animated charts in Forsta Reportal on chart rendering engine version 1 (Dundas) rely on ActiveX controls that are installed withInternet Explorer.
Automatic prompting for filedownloads.	Enable	Only required if the Export Delivery Method is set to "Download"or "User Defined" rather than Email.

PowerPoint Add-in Requirements	
Element	Supported
Operating system	Microsoft Windows 8 or Windows 10.
Microsoft Office Version	Microsoft Office 2007 Service Pack 2, Microsoft Office 2010, Microsoft Office 2013, Microsoft Office 2016.
Operating System Extras	Microsoft .NET Framework 4.5.
Operating System Extras	Microsoft Visual Studio 2010 Tools for Office.
Operating system extras	Microsoft Windows Installer 3.1 http://www.microsoft.com/downloads/details.aspx?FamilyID=889482fc-5f56-4a38- b838-de776fd4138c&DisplayLang=en

Note: PowerPoint Add-in requirements (except OS and Microsoft Office version) will be installed automatically by thePowerPoint Add-in setup application if not already installed.

Note that the user experience is designed for a minimum screen resolution of 1024x768 or higher at 100% browserzoom.

2.18   SmartHub

SmartHub allows data sources of different types to be brought together for use in analysis and reporting.

SmartHub requirements	
Element	Supported
Operating system	Windows 8 Desktop or Windows 10.OS X.
Web browser	Internet Explorer 11 (Windows only), Microsoft Edge (current and previous 2 releases), Microsoft Edge Chromium, Firefox (current and previous 5 releases),Chrome (current and previous 5 releases).

Note that the user experience is designed for a minimum screen resolution of 1024x768 or higher at 100% browserzoom.

2.19   Dashboards

Dashboards is a platform for designing research solutions for different types of stakeholders, either in the form of full end-to- end workflows from survey creation to reporting and taking action, or in the form of engaging dashboards that help bringthe right insights to the right people.

Pulse Requirements	
Elemen t	Supporte d
Operating system	Windows 8 Desktop or Windows 10.OS X
Web browser	Internet Explorer 11 (Windows only), Microsoft Edge (current and previous 2 releases), Microsoft Edge Chromium, Firefox (current and previous 5 releases), Chrome (current andprevious 5 releases), Safari 11+.

Note that the user experience is designed for a minimum screen resolution of 1024x768 or higher at 100% browserzoom.

2.20   Survey Designer

Survey Designer is the new survey authoring functionality.

Survey Designer Requirements	
Elemen t	Supporte d
Operating system	Windows 8 Desktop or Windows 10.OS X
Web browser	Internet Explorer 11 (Windows only), Microsoft Edge (current and previous 2 releases), Microsoft Edge Chromium, Firefox (current and previous 5 releases), Chrome (current andprevious 5 releases), Safari 11+.

Note that the user experience is designed for a minimum screen resolution of 1024x768 or higher at 100% browserzoom.

2.21   Survey Engine (Respondents)

The Forsta survey engine has been designed to comply with web standards so that surveys will function correctly in asmany browsers as possible. Note however that features such as client side scripts, media playing, the use of certain cascading style sheet properties etc. that users add to surveys might alter the default requirements.

Survey Engine requirements	
Elemen t	Supporte d
Operating system	Any operating system supported by the operating system vendor.
Web browser	Any browser supporting HTML and CSS.

Advanced WI and Dynamic Questions features (optional), Inlinesurveys	✓ Internet Explorer 8+
	✓ Firefox 10+.
	✓ Safari (Mac only) 5.1+.
	✓ Chrome 26+.

2.22   Translator

The Forsta Translator enables project managers to allow external users to translate their surveys directly in a graphicsuser interface without the risk of changing the questionnaire layout. Translators can only access surveys that have been prepared for translation by the project owner.

Translator requirements	
Elemen t	Supporte d
Operating system	Windows 8 Desktop, Windows 10.
Web browser	Internet Explorer 11, Microsoft Edge (current and previous 2 releases), Microsoft EdgeChromium, Firefox (current and previous 5 releases), Chrome (current and previous 5 releases)

2.23   XML Web Services

The XML Web Services provides an API for connecting external applications to Forsta Plus to allow operations tobe performed outside the GUI, such as the extraction of data into a company database.

XML Web Services requirements (through APIs)	
Elemen t	Supporte d
Connectivity	Access to the APIs is provided using SOAP, requiring a development platform with SOAPcapabilities.

2.24   Forsta TCI

Forsta TCI (Telephony Computer Interface) is a powerful telephony add-on to Forsta CATI. The system fully automates the dialing of telephone numbers on behalf of the interviewers, dramatically increasing call centre productivity.Furthermore, features such as real time monitoring, full call recording and verbatim recording significantly increase call centre quality. If your company plans to utilize a Dialer as part of your CATI activities via the Forsta Software, a number of additional system requirements will apply. Full system requirements are found in the Forsta Local Dialer System Requirements document, available from http://www.Forsta.com/legals/legal.aspx.

2.25   Forsta Local Dialer Web Service

Forsta Local Dialer Web Service is the component responsible for communicating between CATI and a supported local dialer. If your company plans to utilize a Dialer as part of your CATI activities via the Forsta Software, a numberof additional system requirements will apply. Full system requirements are to be found in the Forsta Local Dialer System Requirements document, available from http://www.Forsta.com/legal/legal.aspx.

3   Dapresy

There are no limitations regarding the operating system, the only client-side code used is Javascript, and all modern browsers are supported starting from IE 11 (IE11, Edge, Chrome, Safari, Opera…) on all platforms, including mobile.Note that "Administration mode" is not mobile-friendly.