

Adoption Readiness Tool 5.4.6

Technical Specifications

Installation

The Adoption Readiness Tool - ART installation requires administrative permissions on the local workstation. The installers are only available in English (US). Adoption Readiness Tool - ART requires the Microsoft .NET framework.

Languages Supported

The Adoption Readiness Tool - ART user interface and published content supports the following languages: Bulgarian, Catalan, Chinese (PRC), Chinese (Taiwan), Croatian, Czech, Danish, Dutch (Belgium), Dutch (Netherlands), English (US), English (UK), Finnish, French (Canada), French (France), German, Greek, Hungarian, Indonesian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese (Brazil), Portuguese (Portugal), Romanian, Russian, Spanish, Swedish, Thai, and Turkish.

Published content can also be created in Arabic.

Micro Focus Adoption Readiness Tool - ART published content and end user website support the Arabic language.

Author Citrix Usage

Authors can use Adoption Readiness Tool - ART from a 32-bit or 64-bit Terminal Server to support the generation of content. Micro Focus Adoption Readiness Tool - ART has been tested against Windows® Terminal Services (2008) and Citrix XenApp™ (v4.5). Micro Focus will support customers using newer versions of Citrix although they have not been tested. Adoption Readiness Tool - ART does not support application publishing, remote applications, or web gateways from a Terminal Server. The Citrix server technical specifications will vary depending on other applications in use on the Citrix server, as well as the number of planned concurrent ART authors. In order to optimize recording in a Citrix environment, ART and the target application must be presented to the user from the same server and contain the same settings.

Workstation Environments

End User Workstations

End user workstations support viewing of content generated by Adoption Readiness Tool - ART. The requirements are based on tested configurations with all software installed locally.

To view video included in courses, the video viewer (browser, plug-in, or device) used to view the course must meet the requirements for any video files included in courses. Prior to enabling a given video format in your template, ensure your chosen viewer supports that video format.

Note: 5.40.6 is a cumulative update and requires prior to installation an existing ART 5.40.0 to 5.40.4 This update is not compatible with ART 5.41.

Audio

All Flash dependencies have been removed for audio and AICC communication in new courses and simulations, and in existing courses and simulations that have been upgraded and re-published in 5.40.6. The exception would be existing courses which contain third party Flash files that were inserted using the Flash stencil.

Any with ART recorded audio is automatically converted to MP3 when using Windows 10. When using Windows 7, The LAME files are required to convert the generated WAV audio files to MP3. If any audio is in WAV format, Flash will be required to hear audio.

Refer to the *ART Installation manual* for information on the LAME encoder.

MP3 audio will play with native browser capability for the following: IE11, Chrome 49+, Firefox 47+, Safari 9.1+, and Edge 13+.

For optimum performance, viewing published simulations or courses over a low bandwidth connection is not recommended.

Author/Administrator Workstations

Author or administrator workstations support the generation of content using the Adoption Readiness Tool - ART Editor component. The requirements are based on tested configurations with all software installed local.

Workstation Requirements	End User	Author Admin
1.5 GHz processor or higher	X	X
4GB RAM minimum; 8GB RAM recommended	X	X
2 MB Video card with 16 million colors at 1024 x 768 resolution	X	
8 MB Video card with 16 million colors at 1024 x 768 resolution		X
Microsoft Windows® 7 SP1 (32- and 64-bit) Professional or Enterprise	X	X
Windows 8.1 (Desktop mode)	X	X
Windows 10 (Desktop mode)	X	X
(USGCB) v1.2	X	X
Microsoft Internet Explorer® 11 to view and record content	X	X
Microsoft Internet Edge® 38 to view content	X	X
Mozilla Firefox® 42 to view content	X	X
Google Chrome™ 47 to view content. Viewing content from locally published files requires an add-in	X	X
Safari for Windows® 5.x to view content	X	X
Microsoft Office® 2013, 2016 to view content	X	X
Microsoft Office 2013, 2016 to import Microsoft Office PowerPoint content into eLearning courses		X
Adobe Acrobat Reader® XI, DC 2015 to view PDF output or record Adobe Forms	X	X
Apple iPad® running iOS 8.1 or higher to view content	X	

Workstation Requirements	End User	Author Admin
Android device running v4.1 or 4.2 to view content	X	
Use JAWS® for Windows v12-18 for visual disabled people	X	
Microsoft .NET Framework v3.5 and v4.5.2		X
Microsoft Visual C++ Redistributable Package v10.0.40219.1		X
Microsoft Windows Automation API 3.0		X
Use Java Access Bridge for Windows 2.0.2 or higher for Java Runtime Environments 1.5 and later when you need to record on Java-based applications		X
250 MB allocated to roaming profile		X
Microphone to record audio		X
Connection the server to submit task, check-in/out documents		X
Visual J# Redistributable Package v2.0		X
Microsoft server speech voices v10 or v11, or other 32-bit SAPI5 compliant voice(s) installed if publishing files that use text-to-speech functionality		X

Glossary Sizing

A single Micro Focus Adoption Readiness Tool - ART glossary file may contain a maximum of 2500 terms, with each term having a single definition.

Website Sizing

A single Micro Focus Adoption Readiness Tool - ART website file may contain a maximum of 1000 total objects – the sum of web pages, links to Adoption Readiness Tool - ART documents (*.udc), links to Adoption Readiness Tool - ART courses (*.ulc), and links to non-Adoption Readiness Tool - ART content. Examples of the total object count are:

- 500 web pages + 500 links to udc files
- 500 web pages + 250 links to udc files + 250 links to ulc files
- 400 web pages + 250 links to udc files + 250 links to ulc files + 100 links to non-Adoption Readiness Tool - ART content
- 100 web pages + 700 links to udc files + 100 links to ulc files + 100 links to non-Adoption Readiness Tool - ART content

Learning Management Systems (LMS)

Capturing Simulation and Course Assessments

ART Published simulations and courses can be imported into any Learning Management System (LMS) that conforms to AICC 2.2, SCORM 1.2, or SCORM 2004. Assessment tracking must be enabled on the project and within the template. See also the document SCORM and AICC support for ART.

Learning Management System (LMS) Communication

Micro Focus Adoption Readiness Tool - ART uses Package Exchange Notification System (PENS) 1.0.0 to announce the location of content packages for delivery of courses to a Learning Management System (LMS). Simulations and courses support the following SCORM and AICC elements:

SCORM 1.2	
Lesson Status (cmi.core.lesson_status)	Interactions (cmi.interactions)
Lesson Location (cmi.core.lesson_location)	<ul style="list-style-type: none"> Interaction ID (cmi.interactions.n.id)
Suspend Data (cmi.suspend_data)	<ul style="list-style-type: none"> Interaction Time (cmi.interactions.n.time)
Raw Score (cmi.core.score.raw)	<ul style="list-style-type: none"> Interaction Type (cmi.interactions.n.type)
Min Score (cmi.core.score.min)	<ul style="list-style-type: none"> Interaction Correct Response
Max Score (cmi.core.score.max)	(cmi.interactions.n.correct_responses.n.pattern)
Session Time (cmi.core.session_time)	<ul style="list-style-type: none"> Interaction Student Response
Progress (rwd.progress_measure)	(cmi.interactions.n.student_response)
Completion threshold (rwd.completion_threshold)	<ul style="list-style-type: none"> Interaction Result (cmi.interactions.n.result)
Simulation Mode (rwd.sim_mode)	<ul style="list-style-type: none"> Interaction Description (rwd.interactions.n.description)
SCORM 2004	
Completion Status (cmi.completion_status)	Interactions (cmi.interactions)
Success Status (cmi.success_status)	<ul style="list-style-type: none"> Interaction ID (cmi.interactions.n.id)
Lesson Location (cmi.location)	<ul style="list-style-type: none"> Interaction Type (cmi.interactions.n.type)
Suspend Data (cmi.suspend_data)	<ul style="list-style-type: none"> Interaction Correct Response
Raw Score (cmi.score.raw)	(cmi.interactions.n.correct_responses.n.pattern)
Min Score (cmi.score.min)	<ul style="list-style-type: none"> Interaction Student Response
Max Score (cmi.score.max)	(cmi.interactions.n.student_response)
Scaled Score (cmi.score.scaled)	<ul style="list-style-type: none"> Interaction Result (cmi.interactions.n.result)
Session Time (cmi.session_time)	<ul style="list-style-type: none"> Interaction Description (cmi.interactions.n.description)
AICC	
Lesson Location (Core.Lesson_Status)	
Lesson Status (Core.Lesson_Location)	
Suspend Data (Core_Lesson)	
Raw Score (Core.Score)	
Session Time (Core.Time)	

Recording

Micro Focus Adoption Readiness Tool - ART can record and document most 32-bit and most 64-bit Microsoft Windows or web-based applications, provided that the Windows or web-based application has been developed using Windows accessibility standards.

General recording of browser-based applications can be done in any supported desktop browser. For best results however on object recognition, the Internet Explorer is the recommended browser.

Supported Environment Retirement Process

Third-Party Platforms

- We will support a technology platform until the end of mainstream support for that product as determined by the manufacturer of the software (Microsoft, etc.) in new releases of our software.
- We are not able to support a technology platform after the end of extended support as dictated by the manufacturer of the software (Microsoft, etc.) in new releases. However, users may be able to continue to use these retired platforms with previous releases of our software.
- If a new version of our software is released within 12 months of the announced end of extended support for a technology platform, we may choose not to support it for a new release of our software.

Browsers

- Internet Explorer/Edge: We will support each Internet Explorer/Edge version until the end of mainstream support as determined by Microsoft.
- Chrome and Firefox: We will support each Chrome version until it is no longer supported by Google. We will support each Firefox version until it is no longer supported by Mozilla. Due to the higher frequency of new releases of these browsers, we may not be able to support a specific browser version throughout the lifecycle of a full release of our software.
- Safari: We will support each Safari version until the end of mainstream support as determined by Apple.