

Atellica Data Manager Software Version 1.3 Release Notes

Table of contents

• Systems Certified for Use	1
• Supported Configurations	5
• New System Features in Software Version 1.3	7
• Resolved Issues	7
• Known Issues	8
• Glossary	16
• Trademark Information	16
• Legal Information	17

Siemens Healthineers is introducing Atellica® Data Manager (Atellica DM) software version 1.3 (v1.3). Ensure all operators review and understand the information in this document.

Atellica DM v1.3 is a software-only product. The functionality available in the v1.3 software is dependent on the systems connected to Atellica DM (for example, LIS, LAS, middleware, or systems). If a connected system does not support particular functionality, that feature may not be available in Atellica DM. Refer to the connected system's documentation for supported features.

The system that Atellica DM is installed on (virtual or physical) must be a dedicated environment that is not shared with other Siemens Healthineers applications or contain any third-party software not listed in Atellica DM documentation.

Systems Certified for Use

The table below lists systems certified for use with Atellica DM. For a list of 3rd-party instrument interfaces supported, see *Atellica Data Manager Version 1.1 and Higher, CentraLink Version 16 Supported Drivers for 3rd-Party Analyzers*.

System	Standalone	ADVIA® Automation	Aptio® Automation
ACL TOP 750	X	—	X
IL ACL-TOP	X	—	X
ADVIA 120 Hematology System	X	X	—
ADVIA 560 Hematology System*	X	—	—

System	Standalone	ADVIA® Automation	Aptio® Automation
ADVIA 2120v Hematology System	X	X	X
ADVIA 2120i Hematology System	X	X	X
ADVIA 1200 Chemistry System	X	—	—
ADVIA 1650 Chemistry Analyzer	X	X	—
ADVIA 1800 Chemistry System	X	X	X
ADVIA 2400 Chemistry System	X	X	X
CLINITEK Atlas®	X	X	—
ADVIA Centaur®	X	X	—
ADVIA Centaur CP Immunoassay System	X	—	—
ADVIA Centaur XP Immunoassay System	X	X	X
ADVIA Centaur XPT Immunoassay System	X	X	X
ADVIA Chemistry XPT System	X	X	X
Atellica 1500 Automated Urinalysis System**	X	—	—
Atellica COAG 360 System (OUS only)	X	—	X
Atellica Solution	X	—	X
Atellica UAS 800 Urine Sediment Analyzer**	X	—	—
BCS® XP System	X	—	—
BN™ II System	X	—	—
BN ProSpec® System	X	—	—
Atellica NEPH 630 System	X	—	—

System	Standalone	ADVIA® Automation	Aptio® Automation
CellaVision® DM96 Digital Cell Morphology System (CellaVision is a trademark of CellaVision AB)	X	—	—
CellaVision DM1200 Digital Cell Morphology System (CellaVision is a trademark of CellaVision AB)	X	—	—
CellaVision DM9600 Digital Cell Morphology System (CellaVision is a trademark of CellaVision AB)	X	—	—
CLINITEK Novus® Automated Urine Chemistry Analyzer	X	—	—
Dimension® RxL Max® clinical chemistry system	X	X	—
Dimension EXL™ with LM Integrated Chemistry System	X	X	X
Dimension EXL 200 Integrated Chemistry System	X	X	X
Dimension Vista® 500 Intelligent Lab System	X	X	X
Dimension Vista 1500 Intelligent Lab System	X	X	X
Dimension Xpand® Clinical Chemistry System	X	—	—
Dimension Xpand Plus clinical chemistry system	X	—	—
IMMULITE®	X	—	—

System	Standalone	ADVIA® Automation	Aptio® Automation
IMMULITE 1000 Immunoassay System	X	—	—
IMMULITE 2000® Immunoassay System	X	X	X
IMMULITE 2000 XPi Immunoassay System	X	X	X
Stago STA R Max® analyzer	X	X	—
Sysmex® CA-620 System***	X	—	—
Sysmex CA-660 System***	X	—	—
Sysmex CA-7000 System	X	—	—
Sysmex CA-1500 System	X	—	—
Sysmex CS-2000i System	X	—	—
Sysmex CS-2100i System	X	—	—
Sysmex CS-2500 System	X	—	—
Sysmex CS-5100 System	X	X	X
VERSANT® 440 Molecular System	X	—	—
VersaCell® System	Refer to the topic on VersaCell System Support (Page 5 <i>VersaCell System Support</i>)	—	—

NOTE: Multiple automation systems of the same type are supported by Atellica DM (for example, ADVIA Automation and ADVIA Automation). Multiple automation systems of different types are not supported by Atellica DM (for example, ADVIA Automation and Aptio Automation).

*For more information, refer to the *ADVIA 560 Systems Connectivity Bulletin*.

**For more information, refer to the *Atellica 1500 and Atellica UAS 800 v1.3.0 Driver for the CentraLink Data Management System and Atellica Data Manager* customer bulletin.

***For more information, refer to the *Sysmex CA-600 Series Driver* customer bulletin.

Atellica Solution Support

Atellica DM supports connectivity with Atellica Solution.

All orders Atellica Solution receives must have a defined sample type. Atellica Solution rejects orders with a blank sample type. The LIS must send the sample type with the order to Atellica DM.

VersaCell System Support

Atellica DM supports VersaCell X3 Solution systems connected to combinations of the following systems, up to a maximum of 3 systems:

NOTE: Combinations of ADVIA 1800 Chemistry Systems and Dimension Systems are not supported.

- IMMULITE 2000 system and IMMULITE 2000 XPi system
- ADVIA Centaur XP Immunoassay System
- ADVIA Centaur XPT Immunoassay System
- ADVIA 1800 Chemistry system
- Dimension RxL Max[®] Clinical Chemistry System
- Dimension EXL with LM and Dimension EXL 200 Integrated Chemistry Systems

Supported Configurations

Atellica DM v1.3 software is compatible with the following server configurations (for server configuration specifications, see the section on system prerequisites and constraints in the *Atellica Data Manager IT Release Notes and Pre-Installation Guide*):

- PN: Physical hardware. Does not support Virtualization or Total Lab Automation (TLA). TLA comprises of Aptio (SN APT or SN AP2) and ADVIA Automation.
- VN: Supports Virtualization. Does not support TLA.
- PA: Physical hardware. Does not support Virtualization but does support TLA.
- VA: Supports Virtualization, TLA and High Availability (HA).
- VA+: Supports Virtualization, TLA and HA. Supports High performance. In clustered configurations, each node requires a separate operating system (OS) partition. The Atellica DM partitions are shared in a CSV and do not require a separate partition.
- VA2+: Includes all VA+ features, Archiving, and additional storage.

All configurations support Network Management System (NMS) installation.

Configura- tion	PN	VN	PA	VA	VA+	VA2+
Virtualization Support	No	Yes	No	Yes	Yes	Yes
Lab Automa- tion System support	No	No	Yes *	Yes *	Yes *	Yes *

Configuration	PN	VN	PA	VA	VA+	VA2+
Disaster Recovery support	No	No	No	Yes	Yes	Yes
High Availability support	No	No	No	Yes	Yes	Yes
Archiving	No	No	No	No	No	Yes
Patient Sample Capacity	180,000	250,000	2,250,000	2,250,000	6,000,000	6,000,000
QC Results Capacity	180,000	250,000	2,250,000	2,250,000	6,000,000	6,000,000
Operating System Microsoft	Windows Server 2016 English***	Microsoft Windows Server 2016 English	Microsoft Windows Server 2016 English***	Microsoft Windows Server 2016 English	Microsoft Windows Server 2016 English	Microsoft Windows Server 2016 English
Hardware Supplier	Customer / Siemens Healthineers**	Customer	Customer / Siemens Healthineers**	Customer	Customer	Customer
Maximum Systems Supported	6 systems	Up to max rate of 50,000 tests per hour	75 systems up to max rate of 150,000 tests per hour	125 systems up to max rate of 150,000 tests per hour	Up to max rate of 150,000 tests per hour	Up to max rate of 150,000 tests per hour
Number of Users	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited
Maximum Concurrent User Sessions	6	10	15	75	75	75

*Multiple Aptio (SN AP2) Automation systems sharing 1 DMS module, 2 ADVIA Automation Systems or 3 Aptio Automation systems.

**Customer-supplied hardware or the following legacy hardware from Siemens Healthineers:

- For the PN configuration: Siemens Healthineers SMN 11312089 Standard Capacity Server Spare – SUB IVK, Siemens Healthineers SMN 10819711- Standard Capacity Server - Spare,
- For the PA configuration: Siemens Healthineers SMN 11312088-High Capacity Server Gen III Spare – SUB IVK, Siemens Healthineers SMN 11315386-High Capacity Server Gen IV Spare – SYS IVK and Siemens Healthineers 11315385-High Capacity Server Gen IV Spare SUB IVK.

For specifications, refer to the section on system prerequisites and constraints in the *Atellica Data Manager IT Release Notes and Pre-Installation Guide*.

***Microsoft Windows Server 2016 is currently not supported on Siemens Healthineers SMN 11312089 Standard Capacity Server Spare – SUB IVK, SMN 10819711- Standard Capacity Server - Spare, SMN 11312088-High Capacity Server Gen III Spare – SUB IVK, Siemens Healthineers SMN 11315386-High Capacity Server Gen IV Spare – SYS IVK and 11315385-High Capacity Server Gen IV Spare – SUB IVK.

New System Features in Software Version 1.3

Atellica DM 1.3 has the following new features:

Feature	Notes
High Availability (HA)	Atellica DM can be integrated into customer-managed Microsoft Failover Cluster Services to provide a continuous level of service with minimal downtime. For a list of customer and Siemens Healthineers responsibilities, see <i>High Availability for the Atellica Data Manager System</i> on Document Library (https://doclib.siemens-healthineers.com/home).
Disaster Recovery	Disaster Recovery provides replication of the production database to a remote server to facilitate manual data restoration in a catastrophic event.
Archiving	Archiving of images, graphs, and sample documents is now fully supported.
Review and Edit	Edit Mode: - The Validate, Rerun, Revert, and Rerun All functions are disabled when in Edit Mode. Operators can only perform actions on test requests when not in Edit Mode. The Select filter: - Once an operator selects a status, that filter option persists across samples, system refresh, newly-opened Review and Edit browsers, and user sessions. - Administrators can enforce a particular value for the Select filter through a global setting.

Resolved Issues

The following issues are resolved in software version 1.3:

- Operators can successfully cancel the addition of a document to a sample. The canceled sample document no longer persists in the database.
- When image, graph, or sample document archiving is enabled, the purge command no longer stops sample archiving.

Known Issues

The following Atellica DM known issues are informational only:

- Printing:
 - When printing QC Graph reports to a physical printer in Letter paper size, the system can truncate the bottom portion of the signature box.
 - The Comments tool tip in the Advanced Rerun window and the PDF permissions check boxes in the Manual Print window do not translate into every language.
 - Printing reports in text format to a physical printer can truncate data on the right side of the report.
- Review and Edit:
 - After attaching a new document to a sample, a paper clip icon is not displayed.
 - If a system sends a result with a space between the comparator and the value (for example, > 7), the Atellica DM database stores the space as received from the system in the string value field. However, the numeric value in the Review and Edit window displays without a space between the comparator (for example >7).
- Watchdog:
 - Some translators do not display as red on the Atellica DM Watchdog Dashboard when they disconnect.
 - If using warning and alert pop-up messages in the Watchdog dashboard, these messages may visually overlap and be partially illegible if many display at the same time.
- Miscellaneous:
 - Some Atellica DM configuration screens display in the classic UI style.
 - Record navigation arrows display as active even when no further scrolling is possible.
 - If the LIS that is connected to Atellica DM uses the HL7 protocol, 63 characters are the limit for the upload of instrument flags.
 - The complete text for Accept Results for Validated Request fields does not display on the Instrument browser and Function title windows in non-English languages.
 - The translator using MHL7 driver is connected but displays as disconnected on the dashboard.
 - If the Atellica DM sends an excessive number of extended ASCII characters in 1 frame to the translator, the translator stops and displays a Synchronous I/O Multiplexing error.
 - Atellica DM v1.3 does not support cancelling an action by selecting Ctrl+BREAK.

- The following are non-English language translation issues within Atellica DM:
 - Warning text when attempting to start a service that is not registered: The specified service does not exist as an installed service.
 - Tests displays when right selecting on an Instrument.
 - Warning message displayed when sample cannot be dispatched to LAS: Error dispatching sample 'xx' to LAS.
 - Delta Checks displays when setting delta norms.
 - Information displays in some windows.
 - Yes and No display in some windows.
 - Logging displays as the tab name in service/translator windows.
 - Message displays as title window when starting/stopping service/ translators.
 - Reinst. (short for Reinstated) displays in the actions browser when a QC result has been reinstated.
 - Alternate LIS Upload displays in the patient tab of LIS Channel Editor window.
 - For non-multibyte systems, Chinese is not supported. Within Atellica DM on non-multibyte systems, under the command bar **System management > Options > Archiving > Language for archiving multilingual texts**;, Chinese appears as a selectable option. Do not select Chinese. Incorrect characters will be displayed.

The following table provides additional information on Atellica DM known issues:

Known Issues	Additional Information
Startup/Shutdown	
When starting the Atellica DM dashboard, the following error may display: Watchdog response length (8) too short: 9 Expected	Select OK . The dashboard starts correctly.
An Application server connection fail warning message may display upon login if starting the application immediately after a system reboot.	Select OK to close the error message. Close the Atellica DM session, and then log onto a new Atellica DM session.
If the same operator is logged into Atellica DM multiple times with different session languages, the language of the Report generated from a session may be different than the operator session language.	Close all previous Atellica DM sessions completely prior to logging in.
When the Atellica DM starts before importing all licenses, various popup messages display.	Ignore these messages as they do not occur after the licenses are imported.
When closing an Atellica DM session, the following message may display: OpenEdge Graphical Client has stopped working.	Select Close the program .

Known Issues	Additional Information
Archive Database	
When viewing archived samples, secondary samples do not reference the primary sample for LIS-ordered aliquots.	The primary sample contains a reference to its secondary samples in the Sample Logs record. To view the Sample Logs record, perform the following: 1. Select the Archive tab. 2. Enter the sample filter criteria and select Apply. 3. Select the primary sample. 4. Select View Details. 5. Scroll down to Sample Logs to view secondary sample references.
Sample Query Browser	
If selecting Instrument Time as the Sort Criterion when performing a sample query, Instrument Time does not display in the Column Chooser window in the Sample Query Browser.	To ensure Instrument Time displays as an option in the Column Chooser, select Sample ID or Priority Creation Time as the Sort Criterion when performing a sample query, then add Instrument Time from the Column Chooser in the resulting Sample Query Browser tab. The system displays Instrument Time in the Column Chooser for subsequent sample queries regardless of the Sort Criterion.
For systems configured to automatically open specific screens at startup, the application sometimes is unresponsive when dialogue windows such as mail notifications are simultaneously open in the background.	Close any dialogue windows that are open in the background.
Review and Edit	
After attaching a new file to a sample, the Document window does not immediately list the added file, and the sample document icon does not immediately display on the Review and Edit tab.	Select F5 on the keyboard to display the file name in the Document window and the sample document icon on the Review and Edit tab.
If operators open the Review and Edit window from the Sample Query Browser then perform the Unschedule requests function on multiple samples in the Sample Query Browser, the Review and Edit window does not reflect the sample selected in the Sample Query Browser.	Close and re-open the Review and Edit window, or unschedule requests in the Review and Edit window instead of the Sample Query Browser.

Known Issues	Additional Information
When operators open samples that have patient IDs containing the character "{" from the Review and Edit window, an error displays in the detail information panel.	Contact the local technical support provider to enable the customized Review and Edit header to display this character.
When navigating through samples filtered by Related Sample Requests, the operator cannot navigate past the first sample after selecting Next from the final sample.	Close and reopen the Review and Edit screen to navigate through the samples again.
If the Review and Edit window is open in the background and operators perform an action on the sample browser that would cause a change in the background window, that background window does not automatically refresh.	Press F5 to refresh either of these windows.
The system does not apply TAT calculations to results that operators enter into the Manual Result Entry grid.	Do not enter results in the Manual Result Entry grid. Manually enter results in the Review and Edit window.
Display expansion option on LAS Flags is not supported.	Add specific flags as indicator tests in the sample or edit the Review and Edit header HTML to display specific flags.
QC	
Closed out QC results do not display in QC Alerts.	Configure the days to keep option on the QC population window appropriately to keep closed out QC results displayed in QC Alerts. See the Operator's Guide topic on modifying QC Population Days to Keep..
Printing	
When printing Sample, QC Lot, or QC Population reports to file, and specifying a filename extension which does not correspond to the report format, an error displays. Atellica DM attempts to open the file with the default windows application for that file type.	Note that Atellica DM automatically applies the filename extension. If using dynamic text as part of the filename, add an extension.
If printing a report to a directory that does not exist, Atellica DM displays error messages indicating that the directory cannot be found.	Create a directory before printing reports to file.
Printers can be assigned to specific operators. The Report window for manual printing or via command always sets the printer field to the operator-defined printer.	Be aware of this when editing the function parameter set for automatic print commands.

Known Issues	Additional Information
The Atellica DM log file contains errors if operators enable Preview for the printing via automatic command setting.	Preview does not display when printing via command.
When printing to file in PDF, txt, or xml formats and a dynamic text is in the filename, the default extension may not apply to the printed reports.	If dynamic text is in the filename, specify the required filename extension (.PDF, .txt or .xml) as part of the filename in the Report window.
When printing, the Preview window displays behind the QC Lot, QC Population, and Sample browsers.	Select the Preview window to move it to the foreground of the user interface.
When printing to file, if operators specify an extension that does not match the file output format and the same filename exists in the folder, the existing file is overwritten with the new output.	When printing reports to file, do not specify a filename extension. The system automatically appends the correct extension to the file.
Reports	
If a report is printed from within Atellica DM using Chinese as the selected language, the report may be missing certain fields.	Log in to Atellica DM under an account that has English as the selected language and then print the report.
For reports, the system does not create a file when the following occurs: - Setting the Output type to File. - Incorporating dynamic text in Filename. - The dynamic text returns a ? symbol.	Use the IfKnownString MISPL function as part of dynamic text creation.
If including identifier in the body of a report, sample identifiers that contain "{" print incompletely. Only the characters up to the "{" display in the report. For example, 12345{1} prints as 12345.	Do not use "{" and "}" in the sample identifier.
LIS/LAS	
The Atellica DM does not omit a test request that has already uploaded results to the LIS. However, the error message does not explain this behavior.	The error should display Request already uploaded. Operators cannot omit a request that has already uploaded results to LIS.
The LIS rejects an order if different values are in the Patient Record fields P3 (Practice Assigned PID) and P4 (Lab assigned PID).	Configure the LIS to always send the PID in the field P3 or P4 to maintain consistency.

Known Issues	Additional Information
Configuration-Specific	
The operator cannot select the Map ASAP to Stat option if the LAS is an ADVIA Automation system. If the LAS is an Aptio Automation system, the operator may select this option.	Use the Priority Coding system, if appropriate.
If an Interrupt sample is ordered from an ADVIA Chemistry system and that sample does not exist in the database, Atellica DM stores it as a Routine sample and not a STAT.	From Atellica DM, order the sample with STAT status.
Dimension systems do not accept order information with complex characters such as the umlaut (ü), accent (é), or caron (č). If the LIS sends test order information with complex characters, the Extended ASCII character set, or the operator manually enters a test order on the Dimension system using complex characters, communication issues may occur between the Atellica DM and Dimension system.	If a Dimension system is attached to Atellica DM, the LIS must send test order information with only basic characters in Standard ASCII.
Atellica DM does not support automatic query mode on the BCS XP system.	Sample Query mode is supported.
After navigating to the More tab of the Order Entry window for a sample with results from a CellaVision system, Atellica DM prompts operators to save changes upon closing, even when they make no change to the sample.	Select OK .
Miscellaneous	
Atellica DM application window content does not display correctly or is missing.	When a new Atellica DM user is created, the _prowin32 process must be added to the Trusted Sites domain configuration for that user. If this is not done when a new user is created, Atellica DM application window content for that user does not display correctly. See the <i>Atellica Data Manager IT Release Notes and Pre-Installation Guide</i> for guidance on modifying Trusted Sites.
Using the mouse wheel to scroll within the Diffpad window may not work.	Double-select within the window where mouse-wheel scrolling is needed and try again.
The Atellica DM Watchdog Dashboard does not always filter services from display when deselecting the Service Group check box.	To filter by service group, deselect the check box for each individual service group.

Known Issues	Additional Information
An error displays if selecting Cancel on the User Monitor window.	Select OK to close the error message.
A Missing Start Buffer warning message displays when selecting the comment bubble icon on the expanded Dynamic Text window.	Select OK on the warning message.
When adding a long sample comment in the Order Entry window, the following error message may display: DITEM is not large enough to hold string.	Limit the Sample Comment field entry to 2500 characters.
If changing the focus to another window after opening the Reagent Result window, the Reagent Result window closes automatically.	Reopen the Reagent Result window if appropriate.
The Message Queue service may display as red instead of gray in the dashboard when stopped.	This issue only occurs after initial application install until service is correctly registered with Watchdog.
When opening and then closing a query window from a browser, the filter button may remain enabled.	Do not select the filter button after closing a browser window.
If the operator does not close the About window, the Atellica DM session timeout does not close the session. This occurs whether or not the About window is highlighted.	Close the About window after viewing the information.
When performing a task that requires a high amount of system processing resources such as a QC CloseOut of thousands of results, the Atellica DM icon may not display on the Windows task bar.	To continue performing routine operations, navigate to the Windows Desktop (by holding down the Windows key and selecting D) and open another instance of Atellica DM. When the heavy workload is complete, close the secondary session and resume normal operation in the original Atellica DM session. Do not press Ctrl+Alt+Del in Atellica DM as this may cause problems.
The labels for some Westgard severities settings do not display correctly in the Westgard tab of the Method window when operators view from Across controls view.	Open the Method window from the Instrument context.
The Log Viewer delays displaying when using the sidebar to scroll while the log updates or refreshes.	Do not use the scroll bars while the log updates or refreshes.
The following error message may display when operators attempt to delete a test with updates from a LAS system: FIND FIRST LAST failed for table b_test (565).	Select the error message. Atellica DM then deletes the test.

Known Issues	Additional Information
Atellica DM ignores the Delta Check limit field on the TEST table when configuring the system to Delta check on LIS origin results.	Contact the local technical support provider to configure an alternate way to set delta check limits on the number of days.
Operators may encounter problems if trying to start certain translators manually.	To start translators, select Start > System management > Services > Startup .
In some cases the following warning displays when changing a password via the User editor window: Record has been changed by someone else.	1. Right-select the appropriate user. 2. Select Change Password.
In some cases, the context-sensitive help available for toolbar buttons in Atellica DM is not translated for non-English languages.	Modify the context sensitive help for the toolbar buttons with translated text as appropriate.
Atellica DM rejects additional results for the same test and aspect when it receives them in the same message. This can affect ID Assay tests that require repeat testing when communication between a system and Atellica DM is disabled at the time as the system generates results.	Select the individual results and transmit them to Atellica DM individually in the same order as the system generated them.
If starting a service after applying the Automatically adjust clock for daylight savings setting to a running Atellica DM server, the system generates an Application identifier mismatch error when the check activity function runs or when the service is stopped.	Do not select the Automatically adjust clock for daylight savings settings on the Atellica DM server.
If an FTP error occurs during the upload of a hematology image test result to the LIS and the upload fails, the image request displays with a status of Uploaded.	Ensure that an FTP server connection is available. Resend the image result, if appropriate.
The Check Results MISPL function does not take Request Group Codes into account when operators perform auto-validation.	Use the Request-scoped Validate MISPL function, which takes Request Group Codes into account during execution.
When operators open the Diff pad from a sample browser and select different samples, the Diff pad may stop following the selected sample in the browser.	Close and reopen the Diff pad from the appropriate sample.
If operators populate only the physician data field in the Order Entry window and reopen the sample in the Order Entry editor window, the physician data does not display. If the operator selects OK , the system deletes the physician data from the field.	Select F5 on the Order Entry editor window to repopulate the physician data.

Known Issues	Additional Information
When entering dynamic text comments in Diff pad Sample Comments, the comment does not expand to the assigned string.	Use the {<DynamicComment} format for Diff pad sample comments.
When filtering on Sample Log Types in the Italian user interface, the LAS Aliquot Scheduled event type does not display.	Select the last entry in the list to return to the LAS Aliquot Scheduled events.
QC close-out on a large set of QC populations (2900 or more requiring closeout for 1 system) may fail with the following message: REPLACE/CONCAT may not result in data > 32000 bytes.(11678).	Configure a task to close out QC on a regular basis and adhere to the defined limits for the maximum number of QC results per system.
The following error displays in the Atellica DM UI: "Invalid handle. Not initialized or points to a deleted object.(3115)"	Close and reopen Atellica DM.

Glossary

ASCII	American Standard Code for Information Interchange
Ctrl+Alt+Del	The Control, Alt, Delete key combination on a computer keyboard
Ctrl+BREAK	The Control and Break key combination on a computer keyboard
CSV	Cluster Shared Volume
DMS	Data Management System
FTP	File Transfer Protocol
ID	Infectious Disease
LAS	Laboratory Automation System
LIS	Library Information System
MISPL	A site programming language
QC	Quality Control
SMN	Siemens Healthineers Material Number
TAT	Turnaround Time
UI	User Interface

Trademark Information

ADVIA, ADVIA Centaur, Aptio, Atellica, BCS, BN, BN ProSpec, CentraLink, CLINITEK ATLAS, CLINITEK Novus, Dimension, Dimension Vista, EXL, IMMULITE, IMMULITE 2000, RxL Max, VersaCell, VERSANT, and Xpand are trademarks of Siemens Healthineers.

All other trademarks and brands are the property of their respective owners.

Legal Information

Per the Clinical and Laboratory Standards Institute (CLSI) Autoverification of Clinical Laboratory Test Results; Approved Guideline, Auto10-A October 2006, each laboratory is responsible for selecting and implementing appropriate autoverification rules and processes appropriate for that particular laboratory, establishing policy and procedures for autoverification, and ensuring ongoing quality control of the autoverification process. For additional detail see pages 7-8 of the CLSI Guideline.