U2 Clients and APIs Release Notes V5.4.3

Notices

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Corporate information

Rocket Software, Inc. develops enterprise infrastructure products in four key areas: storage, networks, and compliance; database servers and tools; business information and analytics; and application development, integration, and modernization.

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To contact Rocket Software by telephone for any reason, including obtaining pre-sales information and technical support, use one of the following telephone numbers.

Country and Toll-free telephone number

- United States: 1-855-577-4323
- Australia: 1-800-823-405
- Belgium: 0800-266-65
- Canada: 1-855-577-4323
- China: 400-120-9242
- France: 08-05-08-05-62
- Germany: 0800-180-0882
- Italy: 800-878-295
- Japan: 0800-170-5464
- Netherlands: 0-800-022-2961
- New Zealand: 0800-003210
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- United Kingdom: 0800-520-0439

Contacting Technical Support

The Rocket Community is the primary method of obtaining support. If you have current support and maintenance agreements with Rocket Software, you can access the Rocket Community and report a problem, download an update, or read answers to FAQs. To log in to the Rocket Community or to request a Rocket Community account, go to www.rocketsoftware.com/support. In addition to using the Rocket Community to obtain support, you can use one of the telephone numbers that are listed above or send an email to support@rocketsoftware.com.

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Upgrade notice

Review release information before upgrading to a new version.

Rocket Software strongly encourages you to upgrade to Rocket MultiValue General Availability (GA) versions to ensure continued compatibility, performance, and support.

The most recent releases provide the latest fixes and enhancements to ensure known critical issues, security updates, and third-party components are updated. Applications built with earlier versions may no longer operate reliably or in accordance with current compliance standards.

While prior versions may still function in some environments, Rocket Software can no longer guarantee full support or legal defensibility for deployments that remain on outdated software.

To avoid potential disruptions, compliance issues, or exposure to unsupported third-party components, we strongly recommend updating to the latest version.

For guidance on upgrading or to discuss your specific environment, contact Rocket Software Support.

Component versions and certification

These release notes provide information about updates to the U2 Clients and APIs 5.4.3.

Component versions

All U2 Clients and APIs component version numbers in the installation package with the exception of Dynamic Connect have been standardized in this release. This means certain component versions have been downgraded. As a result, direct upgrades are not possible, and users will need to uninstall and reinstall. To install or upgrade a package, click the appropriate component name from the installer.

Component	Version
Certificate Management Tool	5.4.3
Dynamic Connect	6.4.0
Installation	5.4.3
InterCall	5.4.3
SSL Configuration Editor	5.4.3
SSL Setup Tool	5.4.3
U2 ODBC	5.4.3
UCI Client	5.4.3
UCI Configuration Editor	5.4.3
UniJDBC	5.4.3
UniObjects for Java	5.4.3
UniObjects for .NET	5.4.3
UniObjects for .NET Driver Standard 2.0	5.4.3
UniData Visual Schema Generator	5.4.3

Certification

The following platforms are certified for use.

Certified Platforms	Servers
Windows Server 2025 Windows Server 2022 Windows Server 2019 Windows 11	The platforms listed are certified for the following server versions: **UniVerse** • 14.2.1 • 14.1.1 • 12.2.1 • 11.4.1

Certified Platforms	Servers
Windows 10	**UniData** • 8.3.2 • 8.3.1

Additional certification information:

- U2 Clients 5.4.3 has been upgraded to OpenSSL 3.5.
- UC Clients JDBC and UniObjects for Java 5.4.3 clients are built with and require OpenJDK 17.
- UniObjects for .NET client is built with Visual Studio 2013 or later.
- All other clients are built with Visual Studio 2010.

Enhancements and fixes

Rocket U2 Clients and APIs 5.4.3 includes several enhancements and fixes.

Issue number	Description
UCC-3842	Starting at 5.4.3, the U2 Certificate Management Tool README has been updated documenting support for OpenJDK 1.8 or later.
UCC-3880	Starting at 5.4.3, the UOJ and JDBC driver installation process has been enhanced to include versioned filenames. The installer now generates files with embedded version numbers (similar to asjava_5.4.3.1000.zip and uni-jdbc-5.4.3.1000.jar) in the SDK library directories alongside the standard filenames, allowing administrators to verify the installed driver version.
UCC-4016	Starting at 5.4.3, a `ConvertDateFormat` connection property has been added, allowing date output formats to be customized by the client. This updated enables specific date representations to be defined in the connection settings removing the need for server-side configuration changes.
UCC-4029	Prior to this release, the U2ODBC installer did not update existing DLLs or fully remove files during uninstallation. Starting at 5.4.3, the installation process now correctly replaces `unisslclnt.dll` and `uniwincert.dll` in system directories during updates, and ensures all components, including `uci_r.dll` and `uci_r64.dll`, are fully removed during uninstall.
UCC-4074	Starting at 5.4.3, improvements have been made with exception handling within the JDBC driver to ensure underlying error details are fully preserved. Previously, some exceptions did not include their original "caused by" information, making it harder to diagnose issues. The driver now correctly maintains the complete exception chain.
UCC-4104	Prior to this release, the logging level in `clntrace.conf` was read incorrectly if the final configuration line did not end with a newline or carriage return. In these cases, the final digit of the trace level (for example, the "0" in 10) was truncated. This issue has been resolved and the parser has been updated to correctly handle end-of-file conditions.
UCC-4163	Prior to this release, a race condition could occur when closing a connection in UOJ. For example, if the server closed the socket at the same time UOJ was executing its own shutdown sequence, this timing conflict resulted in an unexpected exception being thrown during the close operation. This issue has now been resolved.
UCC-4165	Prior to this release `SelectMatchingAK` queries against distributed files returned results for individual part files only, not the overall distributed file. This issue has not been resolved.
UCC-4169	Prior to this release an `IndexOutOfBoundsException` would be thrown during a `closeSession` method if the `MinimumPoolSize` was set to 0 and the idle remove parameters had been configured. This issue has now been resolved.
UCC-4181	Starting at 5.2.1, an issue was identified that prevented File DSNs from being saved or read encountering an error message similar to "invalid file dsn". This issue has now been resolved.
UCC-4215	Prior to this release the `writeNamedField` method of a file object could silently fail under certain conditions when an exception was not thrown if the update failed. This

Issue number	Description
	issue has been resolved and a detectable `UniException` error is now thrown under these conditions.
UCC-4238	The 5.4.3 U2 Clients Java Database Connectivity (JDBC) and UniObjects for Java are built and tested using Java Development Kit (JDK) 17.
UCC-4245	Starting at version 5.4.3, the OpenSSL version included with U2 Common Clients has been upgraded to 3.5.