



Nasdaq Calypso

Acadia Release Notes

April 2025

Approved

This document provides release notes for the Acadia interface.

► For information on installing and using the Acadia interface, please refer to the Calypso Acadia Integration Guide.

Document History

Published	Summary of Changes
January 2024	First revision for version 6.1.6 – Technical release only – Compatibility with version 18
February 2024	Updated for version 6.1.7, 6.1.8
March 2024	Updated for version 6.1.9
April 2024	Updated for version 6.1.10
May 2024	Updated for version 6.1.11
June 2024	Updated for version 6.1.12
July 2024	Updated for version 6.1.13
November 2024	Updated for version 6.1.15
December 2024	Updated for version 6.1.16, 6.1.17, 6.1.18
February 2025	Updates for version 6.1.19
March 2025	Updates for version 6.1.20
April 2025	Updates for version 6.1.21

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Release Notes

1.1 Version 6.1.7, 6.1.8 (February 2024)

Important Note - Interest Rate decimals restricted to 4 decimal places.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
Collateral Management	None	Cross	Acadia 6.1.8	00095604		ACADIA-1593	Issue	Issue – Incorrect quantity posted to cpty after PLEDGE_AMEND for Bond Asset Backed bond. Impact Analysis – Local impact to PledgeAmendMarginCallACADIAFormatter - Setting original quantity after PLEDGE_AMEND for Bond Asset Backed bond.
Collateral Management	None	Cross	Acadia 6.1.8	00102048		ACADIA-1610	Issue	Issue – Account Interest – Interest Rate decimals should be restricted to 4 decimal places. Impact Analysis – Local impact to CreateInterestACADIAFormatter – Restricting Interest Rate decimals to 4 decimal places.

1.2 Version 6.1.9 (March 2024)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
			Acadia 6.1.9	00102337		ACADIA-1615	Enh	Issue – Change log level from DEBUG to ERROR when receiving http status other than 200. Impact Analysis – Added error logs to PollingTask when the Acadia server cannot be accessed.

1.3 Version 6.1.10 (April 2024)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
			Acadia 6.1.10	00101914		ACADIA-1627	Issue	Issue – Margin call is processed even if the call type does not match the MCC call type. Impact Analysis – Local impact to ACADIACollateralConfigLoader – Margin call with invalid call type is not processed.
			Acadia 6.1.10		APL-9301	ACADIA-1633	Enh	Issue – Implement retry process for ACADIAMessageEngine is Acadia connection is lost. Impact Analysis – The ACADIAMessageEngine attempts to re-establish the connection to Acadia.

1.4 Version 6.1.11 (May 2024)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
			Acadia 6.1.11	00110885		ACADIA-1657	Issue	Issue – Acadia interface generating false positive errors in the logs. Impact Analysis – Local impact to ACADIAPropertiesUtil. Changed log level from ERROR to WARN for log category "com.calypso.acadia.util.ACADIAPropertiesUtil".
Collateral Management	None	Cross	Acadia 6.1.11	00071116	APL-7261	ACADIA-1659	Enh	Issue – Add ability to auto dispute counterparty margin calls on a non business day. Impact Analysis – Dispute margin call messages received on non-business day will get mapped to the fully disputed entry and will get auto disputed. Once margin call is disputed, the system will send dispute code as 9999 and comment as “Non business day”. It is important to have a separate collateral workflow with subtype “valuation”. In Collateral Context, Workflow Subtype should set to “From Contract and Entry” in order to use the “valuation” workflow on a non-business day.
			Acadia 6.1.11		APL-6149	ACADIA-1660	Enh	Issue - Auto allocate TRIPARTYALCT on Triparty/Acadia agreements. Impact Analysis – Added automatic generation of pledge messages with dummy ISIN TRIPARTYALCT on Triparty/Acadia contracts. Please refer to Calypso Acadia Integration documentation for details.
			Acadia 6.1.11		APL-8442	ACADIA-1665	Sec	Issue – Security – The following third party libraries have been upgraded:

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								asm to version 9.6 camel to version 4.2.0 commons_lang3 to version 3.14.0 log4j2 to version 2.22.1 spring to version 6.1.4 xbean_spring to version 4.24 jackson to version 2.16.0- cglib to version 3.3.0

1.5 Version 6.1.12 (June 2024)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
			Acadia 6.1.12		APL-5718	ACADIA-1671	Enh	Issue - Add ability to store incoming margin call messages if margin call entries are not yet priced. Impact Analysis - Added ability to store incoming margin call messages based on margin call entries status, and process them once margin call entries are priced. The domain AcadiaMessageStorageStatuses has been added to define the status of the margin call entries for which incoming messages should be stored (example NONE, PRICING). New transitions must be added to the ACADIA_INCOMING workflow to store the messages and to the COLLATERAL workflow to process the incoming messages once the margin call entries are priced.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								The Acadia Message Repository panel has been added to the Collateral Manager to display stored messages. Please refer to the Calypso Acadia Integration Guide for details.

1.6 Version 6.1.13 (July 2024)

Important Note - ACADIA_INCOMING message is no longer processed if ISIN is not set – See issue ACADIA-1683 for details

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
			Acadia 6.1.13	00119123		ACADIA-1677	Issue	Issue – Technical - Replace RMI calls with Cache methods to enhance the system performance. Impact Analysis – Local impact to ACADIAXMLFormatter – Replaced getMarginCallConfig with CacheCollateralClient.getCollateralConfig.
			Acadia 6.1.13		APL-9716	ACADIA-1679	Enh	Issue - Enhance Collateral Balance fields of agree/dispute messages for Triparty/Acadia contracts. Impact Analysis – Sending Previous RQV as Collateral Balance for agree/dispute messages.
			Acadia 6.1.13			ACADIA-1683	Issue	Issue - ACADIA_INCOMING message status gets changed from PENDING_SECURITY to PROCESSED even if ISIN is not set up. Impact Analysis – Local impact to PledgeMarginCallMessageHandler – Added ISIN validation to ACADIA_INCOMING message.

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
			Acadia 6.1.13		APL-9838	ACADIA-1687	Sec	Issue – Security – Upgrade spring.springframework:spring library to version 6.1.6

1.7 Version 6.1.15 (November 2024)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
			Acadia 6.1.15	00127641		ACADIA-1700	Issue	"Issue - PARTIAL_DISPUTED message lands earlier than the PARTIAL_AGREED message; PARTIAL_AGREED message goes INVALID when the counterparty partially disputes/agrees a margin call. Impact Analysis - Fixed the underlying concurrency issue while saving, by reloading the latest marginCallEntry."
			Acadia 6.1.15		APL-10801	ACADIA-1712	Sec	Issue – Security - The following third party libraries have been upgraded: activemq from 6.0.1 to 6.1.2 camel from 4.2.0 to 4.6.0 log4j from 2.22.1 to 2.23.1 asm from 9.6 to 9.7

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
								jaxen from 1.2.0 to 2.0.0 xbean-spring from 4.24 to 4.25 spring from 6.1.6 to 6.1.11 jfreechart from 1.0.13 to 1.5.5 Jackson Library: 2.16.0 to 2.17.2 json from 20231013 to 20240303

1.8 Version 6.1.16 (December 2024)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
			Acadia 6.1.16	00139875		ACADIA-1729	Issue	Issue - NullPointerException recorded when processing Acadia messages. Impact Analysis - The NPE error has been fixed.

1.9 Version 6.1.17 (December 2024)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
			Acadia 6.1.17	00141344, 00145287, 00145176,		ACADIA-1733	Enh	Issue – Unable to validate margin calls with different call types. Impact Analysis – Added a new domain value “ACADIACallTypeMatchingCriteria” which can be used to bypass the call type validation. If set to ‘true’, the domain value will not allow processing of margin calls with different call types. If set to ‘false’, the domain value will bypass validation regardless of call type.

1.10 Version 6.1.18 (December 2024)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
			Acadia 6.1.18	00145678		ACADIA-1743	Issue	Issue – Margin call contract not acknowledged due to an ampersand. Impact Analysis – Local impact to CreateMarginCallACADIAFormatter - The issue has been resolved and contracts with an ampersand are now acknowledged by ACADIA.

1.11 Version 6.1.19 (February 2025)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
			Acadia 6.1.19		APL-12280	ACADIA-1714	Sec	Issue – Security – Upgraded spring-webmvc library from 6.1.6 to 6.1.15

1.12 Version 6.1.20 (March 2025)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
			Acadia 6.1.20	00149906		ACADIA-1757	Enh	Issue - Add log details in Engine Server log files based on the status of ACADIA Message Engine. Impact Analysis - Added details on the connectivity status of Calypso Messaging Server ACADIA Message Server in the Engine Server log files.
			Acadia 6.1.20	00146083		ACADIA-1767	Issue	Issue – ACADIA Message Report flooded with ACADIA_INCOMING HISTORY messages. Impact Analysis – Changed certain values in the acknowledgment message to stop the overflow of ACADIA_INCOMING HISTORY messages.

1.13 Version 6.1.21 (April 2025)

Capability Group	Capability	Asset Class	Legacy Component	Case	APL	Issue	Type	Description
			Acadia 6.1.21			ACADIA-1755	Sec	Issue - Security - The following library has been upgraded: org.springframework:spring-* to version 6.1.16