Nasdaq Calypso

Traiana Release Notes

January 2025
Approved

This document describes functionality changes in the Traiana module.

▶ Please refer to the Calypso Traiana Integration Guide for information on installing the Traiana Interface.

Document History

Published	Summary of Changes
March 2014	First edition for version 1.0.0
July 2014	Updates for version 1.0.1
December 2014	Updates for version 1.0.2
June 2016	Updates for version 1.1.0
November 2018	Updates for version 1.7.0
September 2019	Updates for version 2.0.1
November 2019	Updates for version 2.0.2
January 2020	Updates for version 2.0.3
February 2020	Updates for version 3.0.0
March 2020	Updates for version 3.0.1
June 2020	Updates for version 3.1.0
July 2020	Updates for version 3.1.1
August 2020	Updated for version 3.1.2
November 2020	Updated for version 2.0.4, 2.0.5, 3.2.0, 3.2.1
December 2020	Updated for version 3.2.2, 3.2.3
January 2021	Updated for version 2.0.6, 2.0.7
February 2021	Updated for version 3.2.4

Published	Summary of Changes
March 2021	Updated for version 2.0.8
August 2021	Updated for version 3.3.0
September 2021	Updated for version 3.2.5
October 2021	Updated for version 3.4.0
November 2021	Updated for version 3.2.6
January 2022	Updated for version 4.0.0, 4.0.1 - Technical release only – Version 17 compatibility
February 2022	Updated for version 3.5.0, 4.1.0
March 2022	Updated for version 3.6.0
December 2022	Updated for version 4.2.0
May 2023	Updated for version 4.3.0 - Technical release only
June 2023	Updated for version 4.4.0
July 2023	Updated for version 3.7.0
January 2024	Updated for version 5.3.0 - Technical release only – Compatibility with version 18
February 2024	Updated for version 5.4.0 - Technical release only
May 2024	Updated for version 5.5.0 - Technical release only
June 2024	Updated for version 5.6.0
July 2024	Updated for version 5.7.0
August 2024	Updated for version 4.5.0, 4.6.0

Published	Summary of Changes
October 2024	Updated for version 5.8.0
January 2025	Updated for version 5.9.0

Table of Contents

Installation

Please refer to the Traiana Integration Guide posted on the Calypso Download Site.

Starting from Calypso Traiana Module version 1.1.0, the Import Message Engine (configured for Traiana) and Traiana Engine would be replaced by Upload Import Message Engine. The configuration steps are described below.

1. Firstly, create the Traiana configuration file "calypso_traiana_config.properties" and save it for use later. This file will tell the system about information on the incoming and outgoing message queues (JMS Messaging Platforms are supported). A sample is available in the Module Release ZIP for reference.

2. If you are upgrading from a previous version of Calypso Traiana Module, run the migration script

- `ora_migrate_from_1-0-2_to_1-1-0.sql`

3. Run Execute SQL and add the Traiana schema data XML file (please ensure that the schema base and schema data XML files for Data Uploader are also added):

- `TraianaSchemaData.xml`

4. Go to the corresponding sections for your Calypso version and continue the configuration.

For Calypso Version 13.x

Please add the Upload Import Message Engine in App Starter.
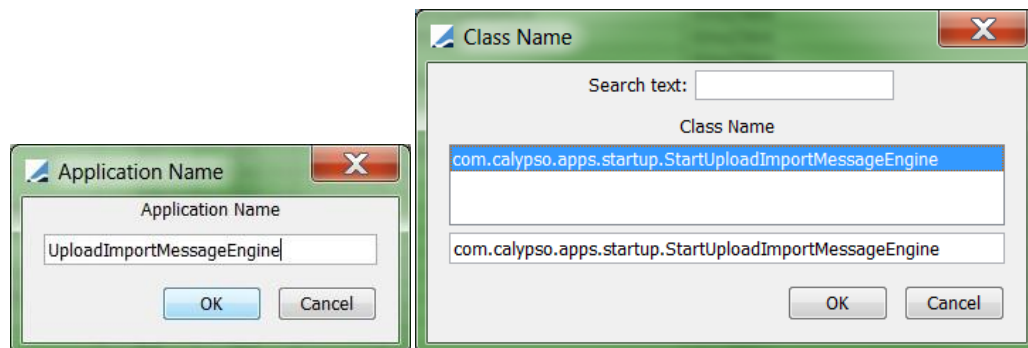
Then, put `-config Traiana` in App Args.

After that, copy the Traiana configuration file (prepared in step 1) to the classpath.

Define TraianaUploadImportMessageEngine in Engine Config Window.
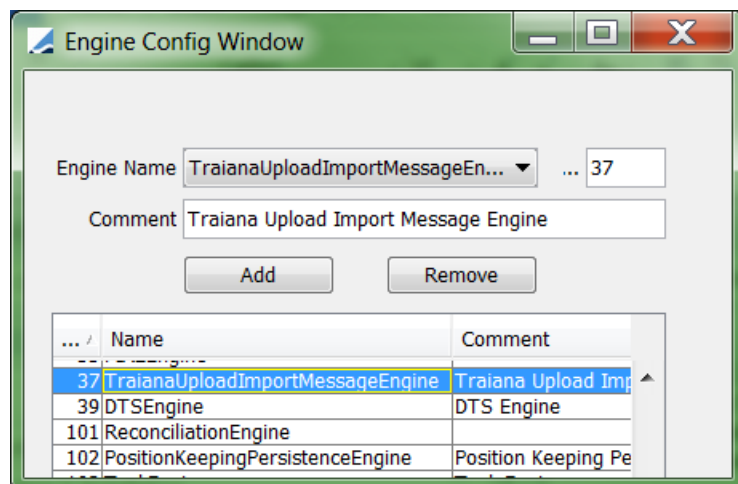
Configure in Event Config Window, such that the TraianaUploadImportMessageEngine listens to PSEventUpload.
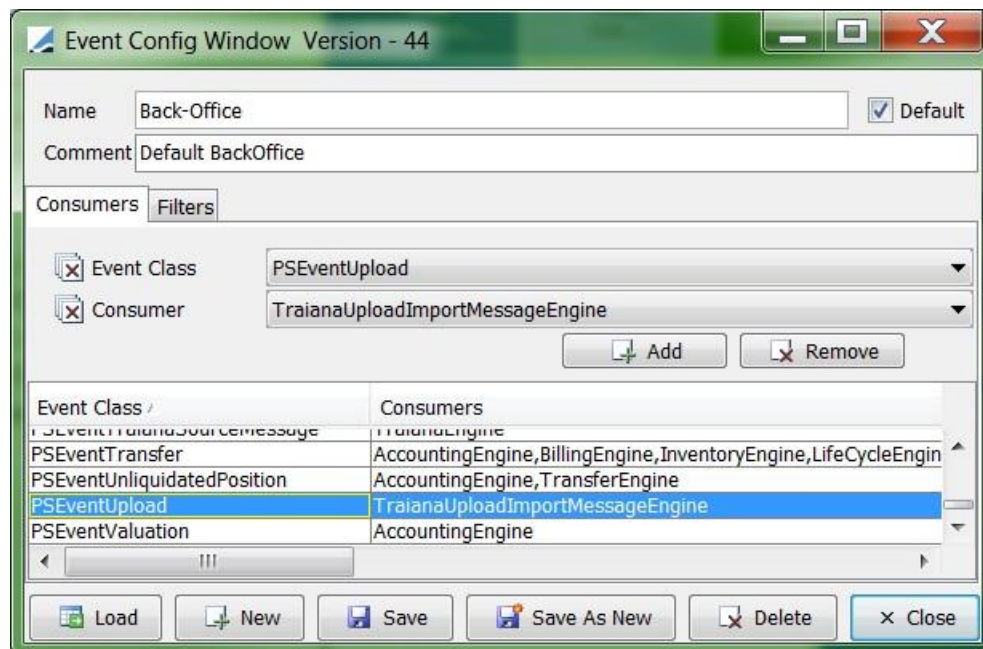
For Calypso Version 14.0.x

Please add the engine definition for Upload Import Message Engine in `EngineStartupConfig.properties`.

```
# Traiana Upload Import Message Engine

TraianaUploadImportMessageEngine.class=com.calypso.tk.engine.UploadImportMessageEngine

TraianaUploadImportMessageEngine.name=Traiana Upload Import Message Engine

TraianaUploadImportMessageEngine.param.count=1

TraianaUploadImportMessageEngine.param.1=config

TraianaUploadImportMessageEngine.param.value.1=Traiana
```

After that, copy the Traiana configuration file (prepared in step 1) to `<calypso home>/custom- extensions/custom-projects/custom-shared-lib/src/calypso/resources`.

Run `<calypso home>/custom-extensions/bld` deploy

Deploy the changes by executing:

`<calypso home>/deployLocal.bat` (for Windows) or

`<calypso home>/deployLocal.sh` (for Unix)

Define TraianaUploadImportMessageEngine in Engine Config Window.
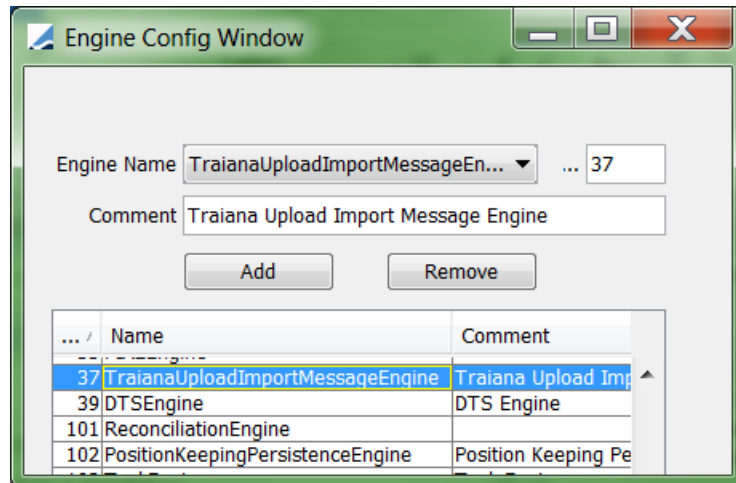
Configure in Event Config Window, such that the TraianaUploadImportMessageEngine listens to PSEventUpload.
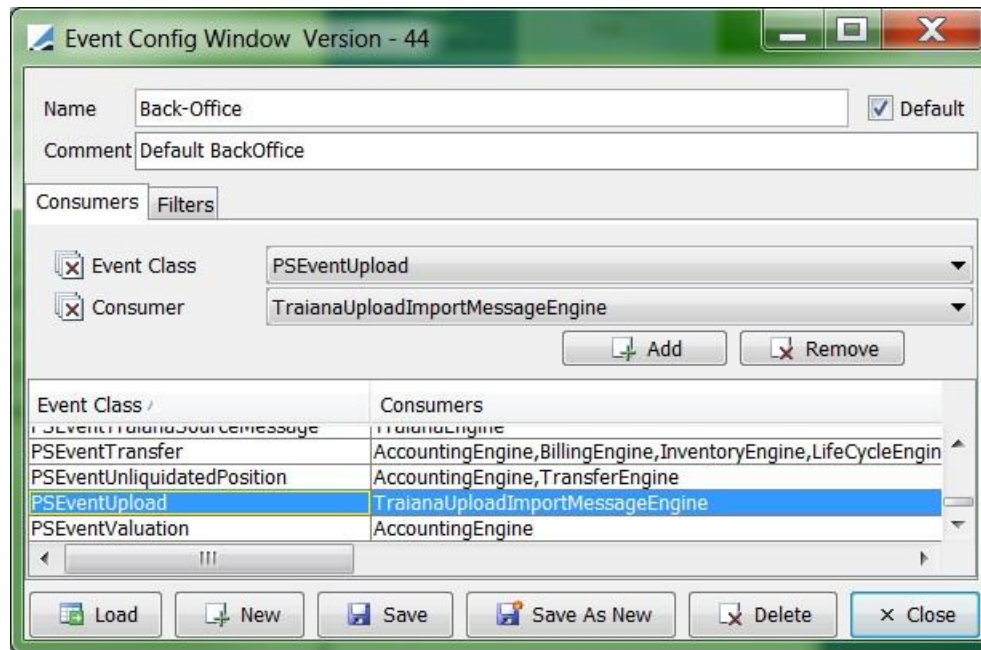
For Calypso Version 14.1.x or Later

Please add the engine definition for Upload Import Message Engine through the Server Web Admin. It should listen to PSEventUpload.

Engine Name: ⊘
TraianaUploadImportMessageEngine

Engine ID:
37

Engine Class:
com.calypso.tk.engine.UploadImportMessageEngine

Display Name: ⊘
TraianaUploadImportMessageEngine

Application Type:
EngineServer

Description:
Traiana Upload Import Message Engine

Persisted Event Configuration:
PSEventAccountBilling ▼   ⊕ ⊖
PSEventUpload

Event Filters:
AllTransfersKnownEventFilter ▼   ⊕ ⊖

Engine Manager Configuration:
engineserver ▼

Start on Startup:
☐

Configuration attributes

MCC_TRADE_FILTER_NAME	
PROJECTED_DAYS	
REVERSAL_CRE	
STARTUP	
TIMEOUT_RESTART	
USE_BOOK_PRICING_ENV	
VALUATION_TIMES	
VALUATION_TIMEZONES	
VERSION_CHECK	
XFER_CHECK_FIRST	
XFER_NEVER_BV	
XFER_NEXT_EVENT	
XFER_PAST_GENERATION	
XFER_USE_AUTOMATIC_ACCOUNT	
XFER_USE_MONEYDIFF	
XFER_USE_POS_AGGREGATION_ONLY	
XFER_USE_REVERSE	
config	Traiana

Cancel   Save

After that, copy the Traiana configuration file (prepared in step 1) to `<calypso home>/custom- extensions/custom-projects/custom-shared-lib/src/calypso/resources`.

Run `<calypso home>/custom-extensions/bld deploy`

Deploy the changes by executing:

`<calypso home>/deployLocal.bat (for Windows)` or

`<calypso home>/deployLocal.sh` (for Unix)

5. Restart the Calypso System, and start the message queues and the Upload Import Message Engine. The system is now ready to process incoming Traiana messages.

Release Notes

2.1   Changes in 1.0.1

- TRIA-8: Get Must Declare Variable '@refdata' Error When Upgrading 13 db to 14.1

  Database Schema XML fixed.

2.2   Changes in 1.0.2

- TRIA-14: Fix message source and format values

  Run the migration script ora_migrate_from_1-0-1_to_1-0-2.sql.

3.2   Changes in 1.1.0

- TRIA-20: Support Data Uploader out of Data Server

  The Import Message Engine (configured for Traiana) and Traiana Engine would be replaced by Upload Import Message Engine. Please follow the Installation steps above.

2.3   Changes in 1.7.0

- TRIA-91: CALYPSO TO FPML Translation Error.

  Updated party reference in PO Ref for validation.

- TRIA-72, TRIA-80: Support Long ID.

2.4   Changes in 2.0.1

Calypso Traiana-matching Module Compatibility

Calypso Version	Module Name	Module version
14.4	datauploader	5.1.14
	calypso-Traiana-matching	2.0.1
14SP2 to 16.X (except 14.4)	datauploader	7.9.1 and up
	calypso-Traiana-matching	2.0.1 and up

Version	Component	HelpDesk	Issue	Type	Description
2.0.1	Traiana	177994	TRIA-108	Enh	Issue – Integrate with Traiana Harmony via FIX protocol. Fix – The Traiana Harmony interface has been added. Please refer to the Calypso Traiana Matching Integration Guide for complete details.

2.5   Changes in 2.0.2

Version	Component	HelpDesk	Issue	Type	Description
2.0.2	Traiana	187724	TRIA-116	Enh	Issue – Outgoing fix message should incorporate attributes for Broker, Book, PO, CP and GrossPrice Description – Changes have been made in mapping for PO, CP, Executing Broker keyword, GrossPrice keyword and Mismatch Reason keyword. Please refer to the Calypso Traiana Matching Integration Guide for complete details.

2.6 Changes in 2.0.3

Version	Component	HelpDesk	Issue	Type	Description
2.0.3	Traiana		TRIA-121	Issue	Issue – Execute SQL – Unique constraint violation in Traiana data.

2.7 Changes in 2.0.4, 2.0.5

Important Note

Changes to tag 22/48/207 – See issue TRIA-151 below for details.

Component	HelpDesk	Issue	Type	Description
Traiana 2.0.5	190767	TRIA-135	Enh	Issue - Amendment of Cancel logic. Fix - Re-alleged messages are sent with type Cancel. To support this feature, the following mapping has been added: Name: Traiana/MatchStatus Interface Value: Dispute Calypso Value: CANCEL Reverse Default: ☐ Tag 70, 72 is populated from trade keyword and trade-id. To support this feature, the following mapping has been added. Name: Traiana/TradeKeywords Interface Value: ClientAllocId Calypso Value: OTC_ClientAllocID Reverse Default: ☐ If this mapping is not provided, Tag 70, 72 is populated from trade keyword OTC_ClientAllocID by default. If trade keyword is empty, Tag 70, 72 is populated from trade-id.

Component	HelpDesk	Issue	Type	Description
				OTC_ClientAllocID2 is sent for CANCEL messages in tag 72. To support this feature, the following mapping has been added. Name: Traiana/TradeKeyword Interface Value: ClientAllocId2 Calypso Value: OTC_ClientAllocID2 Reverse Default: ☐ If this mapping is not provided, Tag 72 is populated from trade keyword OTC_ClientAllocID2 by default.
Traiana 2.0.5		TRIA-131	Issue	Issue - Traiana FPML Message failed to translate. Fix - Fixed the FPML message creation logic.
Traiana 2.0.5	00001192	TRIA-151	Enh	Issue - Traiana FIX message – Changes to tag 22/48/207. Fix - CUSIP preference: Preference of selecting CUSIP from underlying security for tag 48 has changed. Please refer to the Traiana Matching Integration Guide for details. Exchange code: When underlying security code ISIN is sent, we are now also populating fix tag 207 (Security Exchange). Value of this is populated from underlying product Exchange field. Settle and Underlying currency: Tag 120 SettlCurrency is populated with trade settlement-currency. Tag 15 Currency is populated with underlying product currency. Support for Short sale Flag: Added support for a new fix tag 10225 "Short Sale Flag". Value in this tag is populated as per trade-keyword configured in mapping TradeType. Please refer to the Traiana Matching Integration Guide for details. Tag 6 AvgPx: In tag 6 "AvgPx" now we will be populating the price from Initial Price (Settle Currency) field of the trade. This is applicable only in case of CFD Xccy. Change the spelling of Mismatched status mapping to "Disputed" instead of current "Dispute".

Component	HelpDesk	Issue	Type	Description
				Support for custom fix tags: Detailed explanation in Traiana Matching Integration Guide.

2.8 Changes in 2.0.6, 2.0.7

Component	HelpDesk	Issue	Type	Description
Traiana 2.0.7	00009276	TRIA-172	Issue	Issue - Traiana FIX message issue with tag 15. Fix – Tag 15 is populated with the underlying equity / equity index currency and tag 120 is the settlement currency of the Portfolio Swap Contract.

2.9 Changes in 2.0.8

Component	HelpDesk	Issue	Type	Description
Traiana 2.0.8	00010646	TRIA-178	Issue	Issue - PlatformRejectReason is not updated once trade is confirmed.

2.10 Changes in 3.0.0

Version	Component	HelpDesk	Issue	Type	Description
3.0.0	Traiana		TRIA-125	Enh	Issue – Upgrade Dozer library to version 6.5.0.
3.0.0	Traiana		TRIA-120	Issue	Issue – Execute SQL – Unique constraint violation in Traiana data.
3.0.0	Traiana	187724	TRIA-115	Enh	Issue – Outgoing fix message should incorporate attributes for Broker, Book, PO, CP and GrossPrice. Description – Changes have been made in mapping for PO, CP, Executing Broker keyword, GrossPrice keyword and Mismatch Reason keyword.

Version	Component	HelpDesk	Issue	Type	Description
					Please refer to the Calypso Traiana Matching Integration Guide for complete details.
3.0.0	Traiana	177994	TRIA-110	Enh	Issue – Integrate with Traiana Harmony via FIX protocol. Fix – The Traiana Harmony interface has been added. Please refer to the Calypso Traiana Matching Integration Guide for complete details.

2.11 Changes in 3.0.1

Version	Component	HelpDesk	Issue	Type	Description
3.0.1	Traiana		TRIA-125	Issue	Issue – Traiana FPML Message failed to translate.
3.0.1	Traiana	190767	TRIA-128	Enh	Issue - Amendment of Cancel logic. Fix - Re-alleged messages are sent with type Cancel. To support this feature, the following mapping has been added: Name: Traiana/MatchStatus Interface Value: Dispute Calypso Value: CANCEL Reverse Default: ☐ Tag 70, 72 is populated from trade keyword and trade-id. To support this feature, the following mapping has been added. Name: Traiana/TradeKeywords Interface Value: ClientAllocId Calypso Value: OTC_ClientAllocID Reverse Default: ☐ If this mapping is not provided, Tag 70, 72 is populated from trade keyword OTC_ClientAllocID by default. If trade keyword is empty, Tag 70, 72 is populated from trade-id.

Version	Component	HelpDesk	Issue	Type	Description
					OTC_ClientAllocID2 is sent for CANCEL messages in tag 72. To support this feature, the following mapping has been added. Name: Traiana/TradeKeyword Interface Value: ClientAllocId2 Calypso Value: OTC_ClientAllocID2 Reverse Default: ☐ If this mapping is not provided, Tag 72 is populated from trade keyword OTC_ClientAllocID2 by default.

2.12   Changes in 3.1.0

Component	HelpDesk	Issue	Type	Description
Traiana 3.1.0		TRIA-138	Enh	Issue – Upgrade org.codehaus.groovy library to version 2.4.16.
Traiana 3.1.0		TRIA-132	Issue	Issue - Traiana FPML Message failed to translate. Fix - Fixed the FPML message creation logic.
Traiana 3.1.0	190767	TRIA-129	Enh	Issue - Amendment of Cancel logic. Fix - Re-alleged messages are sent with type Cancel. To support this feature, the following mapping has been added: Name: Traiana/MatchStatus Interface Value: Dispute Calypso Value: CANCEL Reverse Default: ☐ Tag 70, 72 is populated from trade keyword and trade-id. To support this feature, the following mapping has been added.

Component	HelpDesk	Issue	Type	Description
				If this mapping is not provided, Tag 70, 72 is populated from trade keyword OTC_ClientAllocID by default. If trade keyword is empty, Tag 70, 72 is populated from trade-id. OTC_ClientAllocID2 is sent for CANCEL messages in tag 72. To support this feature, the following mapping has been added. If this mapping is not provided, Tag 72 is populated from trade keyword OTC_ClientAllocID2 by default.

2.13   Changes in 3.1.1

Component	HelpDesk	Issue	Type	Description
Traiana 3.1.1		TRIA-144	Issue	Issue – Remove demo PO CLIENT_CM and related data from Traiana schema data file.

2.14   Changes in 3.1.2

Component	HelpDesk	Issue	Type	Description
Traiana 3.1.2		TRIA-148	Enh	Issue – Upgrade library com.enterprisedt:edtftpj to version 6.0.

2.15   Changes in 3.2.0, 3.2.1

Component	HelpDesk	Issue	Type	Description
Traiana 3.2.1		TRIA-148	Enh	Issue – Upgrade groovy library to version 2.5.13.
Traiana 3.2.1	00001192	TRIA-150	Enh	Issue - Traiana FIX message – Changes to tag 22/48/207. Fix - CUSIP preference: Preference of selecting CUSIP from underlying security for tag 48 has changed. Please refer to the Traiana Matching Integration Guide for details. Exchange code: When underlying security code ISIN is sent, we are now also populating fix tag 207 (Security Exchange). Value of this is populated from underlying product Exchange field. Settle and Underlying currency: Tag 120 SettlCurrency is populated with trade settlement-currency. Tag 15 Currency is populated with underlying product currency. Support for Short sale Flag: Added support for a new fix tag 10225 "Short Sale Flag". Value in this tag is populated as per trade-keyword configured in mapping TradeType. Please refer to the Traiana Matching Integration Guide for details. Tag 6 AvgPx: In tag 6 "AvgPx" now we will be populating the price from Initial Price (Settle Currency) field of the trade. This is applicable only in case of CFD Xccy. Change the spelling of Mismatched status mapping to "Disputed" instead of current "Dispute". Support for custom fix tags: Detailed explanation in Traiana Matching Integration Guide.
Traiana 3.2.1		TRIA-143	Issue	Issue – Remove demo PO CLIENT_CM and related data from Traiana schema data file.

2.16   Changes in 3.2.2, 3.2.3

Component	HelpDesk	Issue	Type	Description
Traiana 3.2.3		TRIA-160	Issue	Issue - Terminator for Sybase should be "go" not ";".

2.17   Changes in 3.2.4

Component	HelpDesk	Issue	Type	Description
Traiana 3.2.4	00009276	TRIA-171	Issue	Issue - Traiana FIX message issue with tag 15. Fix – Tag 15 is populated with the underlying equity / equity index currency and tag 120 is the settlement currency of the Portfolio Swap Contract.
Traiana 3.2.4		TRIA-166	Issue	Issue – Instances of e.printStackTrace() need to be removed. Fix – Instances of e.printStackTrace() have been replaced by logger statements.

2.18   Changes in 3.2.5

Important Note – Change to mapping for sending cancel messages – See issue TRIA-187 below for details.

Component	HelpDesk	Issue	Type	Description
Traiana 3.2.5	00019180	TRIA-187	Enh	Issue – Amending a trade sends a cancel message instead of an amend message. Fix – The logic to send a cancel message no longer uses the MatchStatus mapping. It is using instead the TradeStatus mapping. If the TradeStatus mapping is contains CANCELED and the trade is in CANCELED status, a cancel message is sent. If the trade is not in CANCELED status, an amend message is sent.

Component	HelpDesk	Issue	Type	Description
				You need to remove the following mapping:
				Name = Traiana/MatchStatus
				Interface Value = Pending
				Calypso Value = CANCEL
				You need to add the following mapping:
				Name = Traiana/Translator
				Interface Value = TradeStatus
				Calypso Value = CANCELED
Traiana 3.2.5	00010646	TRIA-179	Issue	Issue - PlatformRejectReason is not updated once trade is confirmed.

2.19   Changes in 3.2.6

Component	HelpDesk	RPM	Issue	Type	Description
Traiana 3.2.6	00014041	RPM-6077	TRIA-195	Enh	Issue – Support Block level Matching with Traiana.
					Fix – For 35=AE messages with 828=3 notification, the following trade keywords are stored:
					OTC_BLOCKConfirmStatus – Based on the following mapping:
					Name = Traiana/TradeKeywords
					Interface Value = BLOCKConfirmStatus
					Calypso Value = OTC_BLOCKConfirmStatus
					OTC_BLOCKConfirmTimestamp – Based on the following mapping:
					Name = Traiana/TradeKeywords
					Interface Value = BLOCKConfirmTimestamp
					Calypso Value = OTC_BLOCKConfirmTimestamp

Component	HelpDesk	RPM	Issue	Type	Description
					PlatformBLOCKMatchId – Tag 880
					PlatformBLOCKRejectReason – Tag 142

2.20   Changes in 3.3.0

Important Note – Change to mapping for sending cancel messages – See issue TRIA-186 below for details.

Component	HelpDesk	RPM	Issue	Type	Description
Traiana 3.3.0		RPM-4313	TRIA-183	Enh	Issue – Technical issue - Changes for using "internal" Data Uploader module.
Traiana 3.3.0	00019180		TRIA-186	Enh	Issue – Amending a trade sends a cancel message instead of an amend message.
					Fix – The logic to send a cancel message no longer uses the MatchStatus mapping. It is using instead the TradeStatus mapping.
					If the TradeStatus mapping is contains CANCELED and the trade is in CANCELED status, a cancel message is sent. If the trade is not in CANCELED status, an amend message is sent.
					You need to remove the following mapping:
					Name = Traiana/MatchStatus
					Interface Value = Pending
					Calypso Value = CANCEL
					You need to add the following mapping:
					Name = Traiana/Translator
					Interface Value = TradeStatus
					Calypso Value = CANCELED

Component	HelpDesk	RPM	Issue	Type	Description
Traiana 3.3.0	00009276		TRIA-170	Issue	Issue - Traiana FIX message issue with tag 15. Fix – Tag 15 is populated with the underlying equity / equity index currency and tag 120 is the settlement currency of the Portfolio Swap Contract. Already in version 3.2.4
Traiana 3.3.0			TRIA-165	Issue	Issue – Instances of e.printStackTrace() need to be removed. Fix – Instances of e.printStackTrace() have been replaced by logger statements. Already in version 3.2.4
Traiana 3.3.0			TRIA-161	Issue	Issue - Terminator for Sybase should be "go" not ";". Already in version 3.2.3

2.21   Changes in 3.4.0

Component	HelpDesk	RPM	Issue	Type	Description
Traiana 3.4.0	00019444	RPM-6303	TRIA-190	Enh	Issue – Security - Upgrade QuickfixJAll library to version 2.3.0.
Traiana 3.4.0	00010646		TRIA-177	Issue	Issue - PlatformRejectReason is not updated once trade is confirmed. Impact Analysis - Local impact – Resetting PlatformRejectReason once trade is confirmed.

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2.22 Changes in 3.5.0

Component	HelpDesk	RPM	Issue	Type	Description
Traiana 3.5.0		RPM-6967	TRIA-207	Enh	Issue – Security - Upgrade edtftpj-pro library to version 7.2.0.
Traiana 3.5.0	00014041	RPM-6394	TRIA-200	Enh	Issue – Support Block level Matching with Traiana. Fix – For 35=AE messages with 828=3 notification, the following trade keywords are stored: OTC_BLOCKConfirmStatus – Based on the following mapping: Name = Traiana/TradeKeywords Interface Value = BLOCKConfirmStatus Calypso Value = OTC_BLOCKConfirmStatus OTC_BLOCKConfirmTimestamp – Based on the following mapping: Name = Traiana/TradeKeywords Interface Value = BLOCKConfirmTimestamp Calypso Value = OTC_BLOCKConfirmTimestamp PlatformBLOCKMatchId – Tag 880 PlatformBLOCKRejectReason – Tag 142

2.23 Changes in 3.6.0

Component	HelpDesk	RPM	Issue	Type	Description
Traiana 3.6.0			TRIA-214	Issue	Issue – Error in Execute SQL with PostgreSQL database: "Null value in column interface_value violates not-null constraint". Impact Analysis – Local impact to TraianaSchemaData.xml.

2.24   Changes in 3.7.0

Component	HelpDesk	RPM	Issue	Type	Description
Traiana 3.7.0		APL-5759	TRIA-232	Sec	Issue - Security - Upgrade dozer-core library to version 6.5.2.

2.25   Changes in 4.1.0

Component	HelpDesk	RPM	Issue	Type	Description
Traiana 4.1.0	00014041	RPM-6394	TRIA-209	Enh	Issue – Support Block level Matching with Traiana. Fix – For 35=AE messages with 828=3 notification, the following trade keywords are stored: OTC_BLOCKConfirmStatus – Based on the following mapping: Name = Traiana/TradeKeywords Interface Value = BLOCKConfirmStatus Calypso Value = OTC_BLOCKConfirmStatus OTC_BLOCKConfirmTimestamp – Based on the following mapping: Name = Traiana/TradeKeywords Interface Value = BLOCKConfirmTimestamp Calypso Value = OTC_BLOCKConfirmTimestamp PlatformBLOCKMatchId – Tag 880 PlatformBLOCKRejectReason – Tag 142
Traiana 4.1.0		RPM-7028	TRIA-208	Enh	Issue – Security - Upgrade edtftpj-pro library to version 7.2.0.

2.26   Changes in 4.2.0

Component	HelpDesk	RPM	Issue	Type	Description
Traiana 4.2.0			TRIA-221	Enh	Issue - Extend data and hashicorp property support to all applications. Impact Analysis - Extended hashicorp property support to all resource files.

2.27   Changes in 4.4.0

Important Note – Change to traiana-fix.properties

Component	Case	APL	Issue	Type	Description
Traiana 4.4.0		APL-5837	TRIA-230	Enh	Issue - Update Certificate details in traiana-fix.properties. Impact Analysis – Updated Certificate details in traiana-fix.properties.

2.28   Changes in 4.5.0, 4.6.0

Component	Case	APL	Issue	Type	Description
Traiana 4.6.0		APL-10316	TRIA-269	Sec	Issue – Security - Upgrade org.xmlunit:xmlunit-core library to version 2.10.0.

2.29   Changes in 5.6.0

Component	Case	APL	Issue	Type	Description
Traiana 5.6.0		APL-9760	TRIA-259	Enh	Issue - Add support for Portfolio Swap Positions in Traiana interface. Impact Analysis - Added support for Portfolio Swap Positions in Traiana interface.

2.30   Changes in 5.7.0

Component	Case	APL	Issue	Type	Description
Traiana 5.7.0			TRIA-267	Sec	Issue – Security – Upgrade the following libraries: com.github.dozermapper:dozer-core to version 7.0.0 spring.springframework:spring to version 6.1.6

2.31   Changes in 5.8.0

Component	Case	APL	Issue	Type	Description
Traiana 5.8.0		APL-10801, APL-11372	TRIA-273	Sec	Issue – Security – Upgrade the following libraries: activemq to version 6.1.2 activemq_artemis to version 2.35.0

2.32   Changes in 5.8.0

Component	Case	APL	Issue	Type	Description
Traiana 5.9.0			TRIA-280	Sec	Issue - Security - Upgrade mockito-core library to version 4.8.0.