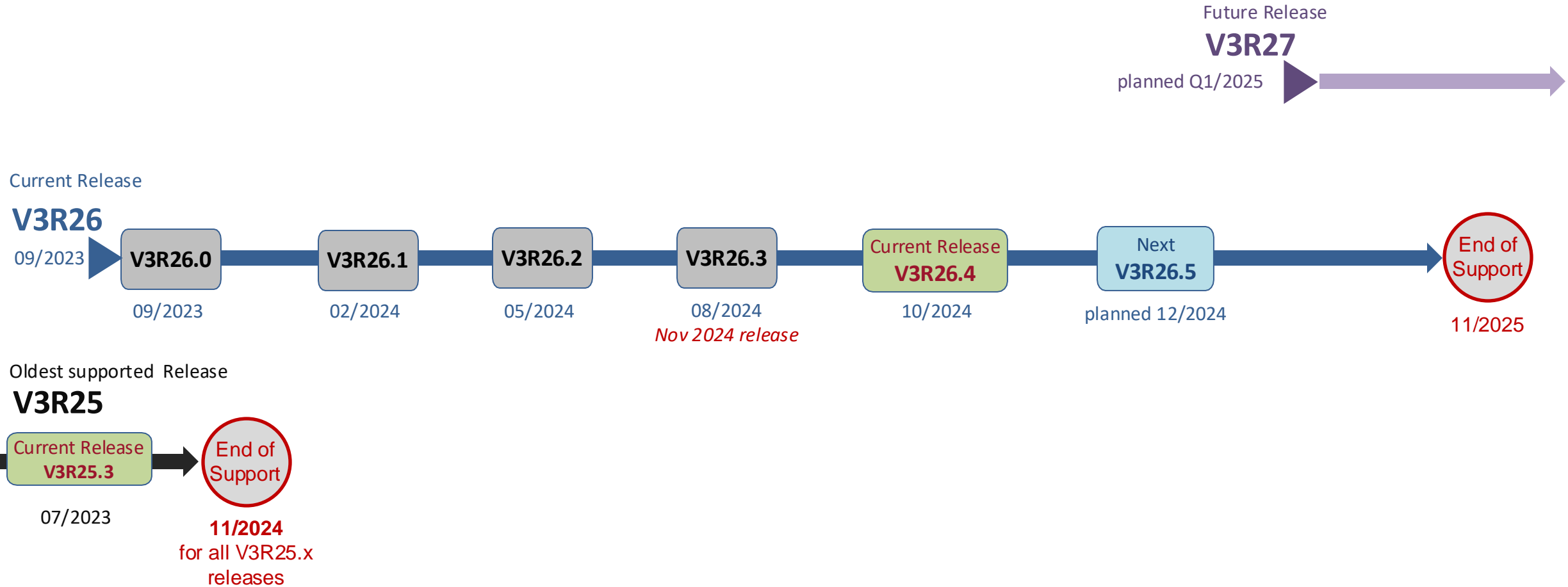
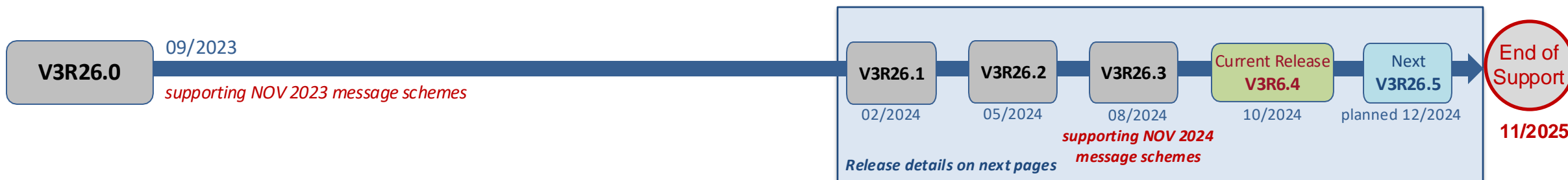


BOX Messaging Hub - Release Cycle* as of 11/2024



* The **general BOX release policy** states that the oldest of the currently supported BOX releases will be removed from maintenance in November each year. Message schema changes of supported messages will be implemented promptly for JUN/NOV releases and go-lives. The content and date of publishing of future releases may change.

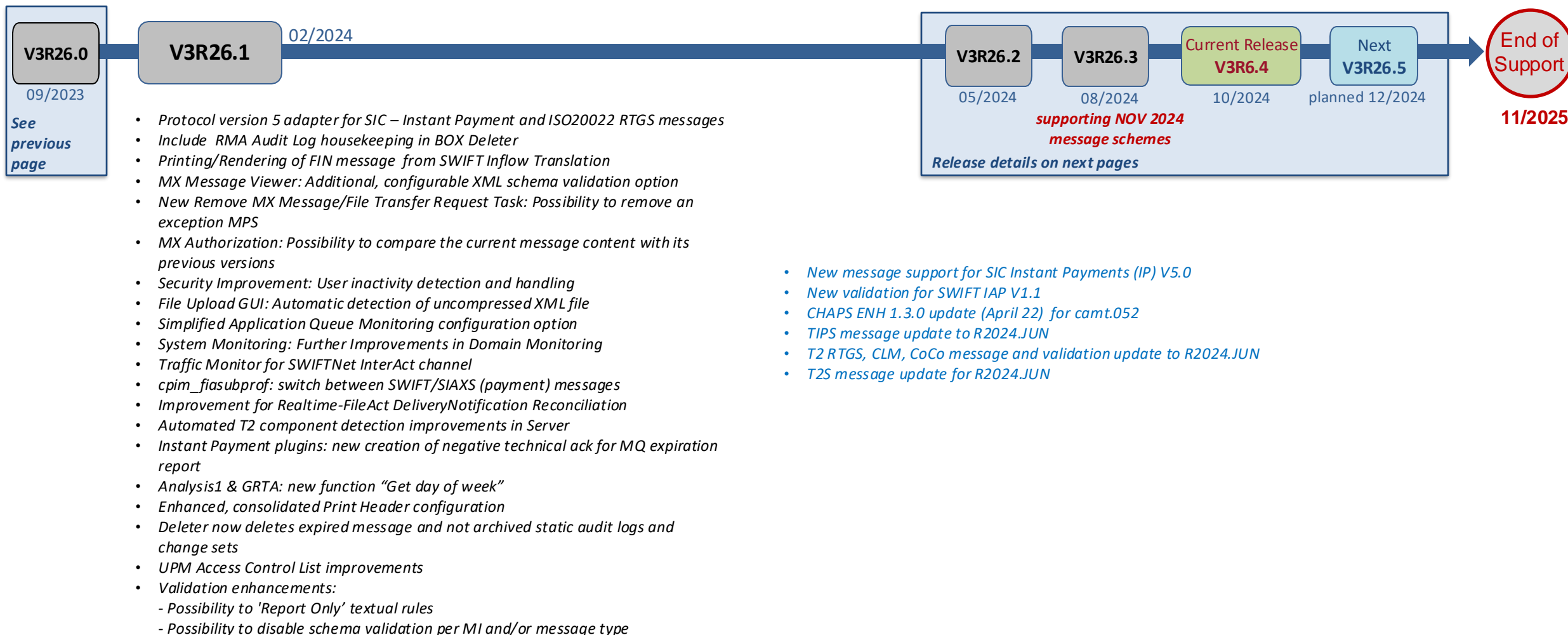
BOX Messaging Hub - Release Cycle V3R26.0



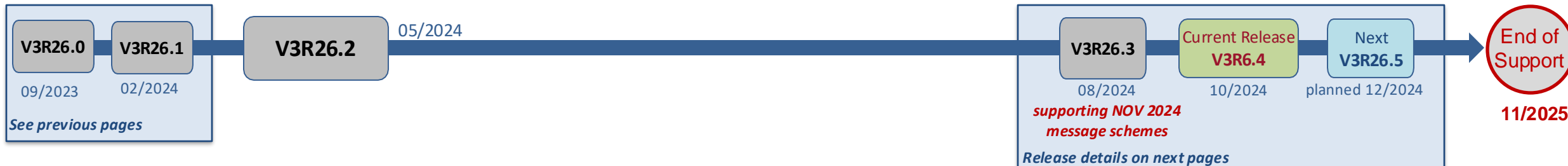
- Enhance RMA comparison tool with CBPR+ 2023 changes
- Message type search in BOX ISO20022 Message Repository
- Message Entry improvements for ISO messages:
 - a) Introducing 'MX Message Template Migration' & 'Export MX Message Templates' tasks
 - b) Improvement of submission profile handling for MX templates
 - c) Introducing UETR autofill functionality
- UPM enhancements:
 - a) Align access to audit log with (sub-Company) UPM structure
 - b) Align view access to submission profiles with (sub-Company) UPM structure
- New RESTful web service for FIN and MX message validation
- Security Data:
 - a) Improved LAU Key Administration
 - b) Integration with additional adapters (FEMS XS, SWIFT AGI)
 - c) Validity Expiration Monitor (Keys/Certificate)
- System Monitoring: Additional Alerting for System Operation and Configuration Issues
- New File(Act) data modification plugin – ExtractFromArchive/De-Compress/Codepage-Conversion
- InterAct/FileAct Channel History content configurable
- New additional replacement table in database

- CBPR+ message and validation update to SR2023
- FIN message and validation (SRD II only) update to SR2023
- FIN message and validation update to SR2023
- MX Message update to v2023.0.0.1
- New message and validation support for MAS SCRIPS Payments V2.5
- New message support for SCRIPS Securities (SSS) V2.0
- New message and validation support for HKICL CHATS V1.3 (techn. version 15)
- New message and validation support for SWIFT 'ISO Accelerator Pack' (SWIFT IAP V1.1)
- New message and validation support for NBR ReGIS IAP V1.1
- New message support for NBR SaFIR V2.0
- New message support for ECMS Credit Claim files
- STEP2 SEPA SCT Warehouse update to Release Q4 2023
- TIPS update to R2023.NOV
- RT1 update to releases Q4 2023
- SIC Interbank message and validation update to V4.10
- T2 RTGS, CM, CoCo update to R2023.JUN, R2023.NOV & R2024.JUN (incl. validation)
- T2S update to R2023.NOV & R2024.JUN
- ECMS update to UDFS 1.3 (techn. version 5)

BOX Messaging Hub - Release Cycle V3R26.1



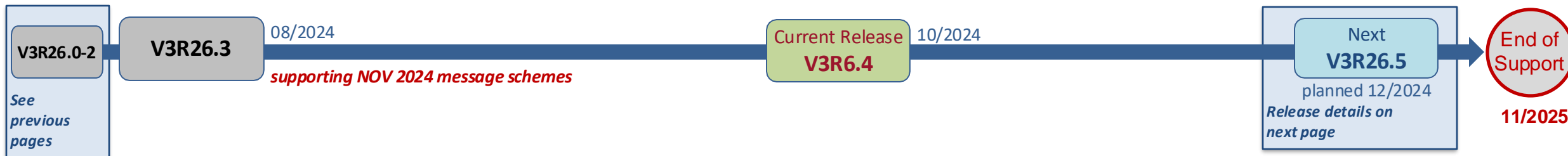
BOX Messaging Hub - Release Cycle V3R26.2



- Active MQ (JMS) Backoffice integration
- Improvements for Protocol version 5 adapter for SIC IP & ISO RTGS messages
- BOX Kafka consumer improvements
- SWIFTNet: Additional DN configuration options and additional realtime FileAct AckIndicator options
- New Archiver support for SIAXS payment messages
- Improved Data Protection Adherence in Channel Histories
- Enhanced PMT Warehouse extractions for camt.050 and add. Status information
- Import and usage of ISO20022 External Codepage Repository in Message Entry, conversion and validation
- MX-Viewer: Improved display strategy for unknown message type
- Conversions: enhanced IBAN check with IBAN country list
- RMA reporting tool adaptations for SR2024
- Possible Duplicate information propagation from Business Application Header into SWIFT/SIA protocol information
- Version detection for received Inflow-translated FIN messages
- MXGapTool enhancement to generate XML output
- Stricter z/OS runtime checks to secure BOX system

- CBPR+ message update to SR2024
- MX message update to v2024.0.0.2
- New generic validation for all ISO20022 messages
- FIN message and validation updates to SR2024
- Tracker message and validation update to R2024
- FINplus for Securities message and validation update to R2024
- TIPS message update to R2024.NOV
- RT1 message update to 2024 Q4 (new support of OCT messages)
- SIC RTGS message and validation update to Release 4.11
- SIC IP message update to Release 5.1
- ECMS message and validation update to UDFS v1.3 2024
- T2 RTGS, CLM, CoCo message, validation and conversion updates to R2024.NOV
- E1S1 message, validation and conversion updates to Q4 2024
- T2S message update to R2024.NOV
- SWIFT system message (xsys) update 2024
- New message and validation support for RIX V2
- New message and validation support for NBO V1.2
- New message and validation support for SWIFT IAP V1.2
- New message support for APN HVCS SR2020
- New message support for RBA RITS v.4
- New message support for FINplus for Corporates (SCOREPlus) SR2024
- New message and validation support of SwiftCase Investigation messages for EarlyAdopters SR2024
- New support of SWIFT system message xsys.016
- New validation of MAS SCRIPS Securities V2.0

BOX Messaging Hub - Release Cycle V3R26.3-4



- *Change Sets: UserContextPaths Display Name improvements and new feature to define ExternalReference*
- *DB: improved indexes for warehouse tables*
- *Separate RNI Key authorization cycle definition*
- *LAU Key Management Server: Allow empty 'Validity End' for Alternate Key*
- *T2S Warehouse: enhanced Generic Attribute extraction for all T2S messages*
- *New support of T2S messages in Reconciliation CPI*
- *Adding Application Queue Control Tasks for various File Transfer schemas*
- *Added switching to EBISC_IBFT in Submission Profile Enrichment CPI*
- *New parameter to define response matching application for Embargo Check*
- *Realtime FileAct Improvements for TransferAnswer 'Duplicated'*
- *ISO20022BA Plugin enhanced with possibility to create acknowledgements for received messages*
- *MultiOutput Conversion Framework to allow CPI creation of multiple messages from one MPS*
- *Support of UsageIdentifier swift.iap.ext.*, swift.iap.tia.* and swift.iap.tia.ext.* for IAP messages*
- *ReGIS message update to v1.1 v.39*
- *New support of RNI-based messages for SWIFTNet*

- *Instant Payment Systems: Introduction of IP journal database / data source*
- *Introduction of Environment-ID*
- *MX- and File Transfer-GUI: new possibility to handle message tokens \${...} specified in the submission profile*
- *Alert Pager improvements*
- *New "GRTA Business Editor" added*
- *New "Addressbook Item Copy" function*
- *MX Message Entry GUI: Supporting of Flow autofill in case of SIAnet.XS services*
- *Additional data extraction for Payment Message Journal for camt messages*
- *MX message update to v2024.0.0.3*
- *RIX message and validation update to V2 (v.18, 2024-09-12)*
- *ECMS Credit Claim files update to UDFS 1.3 SR2024*
- *Enhanced support of SCOREPlus message-specific application headers*
- *New support of business application header head.001.001.04*

BOX Messaging Hub - Release Cycle V3R26.5



- *Analysis1: improved handling of file transfer data*
 - *FileAct duplicate check improvements for delivery notifications*
 - *Exchange adapter eximf201: new future version service list*
 - *BOX Archive Retrieval Service: option to retrieve first/last content version data added*
 - *Log file generation enhanced with module info*
 - *FIN/MX-Unified Payment Journal: Support of 'Group Selector'-Task*
 - *BOX GUI: Possibility to configure the Tooltip text of the task button in all Journals and Application Queues*
 - *Support for MX access control management at message module level*
 - *Security Reporting tool improvements*
 - ...
-
- *Payment Message Warehouse Journal: further data extractions for all messages*
 - *New message and validation support for VIBER V1.2*
 - *New message and validation support for SORBNET V0.6*
 - *CBPR+ SR2024 message update for camt.106 and camt.109 (2024-10-16)*
 - *RIX message and validation update to V2 (v.19, 2024-10-07)*
 - ...

BOX Messaging Hub - Release Cycle V3R27.0



V3R27.0

planned Q1/2025

End of Support

- *Introduction of Environment-ID*
 - *Support of T2 BIC Directory and new version of SWIFT BIC Directory*
 - *Support of new API framework for REST APIs*
 - *Traffic monitor for InterAct messages*
 - *Exchange adapter eximf201: new future version service list*
 - *Log file generation enhanced with module info*
 - *Analysis1: improved handling of file transfer data*
 - *FileAct duplicate check improvements for delivery notifications*
 - *Journal performance enhancements*
 - *FIN/MX-Unified Payment Journal: Support of 'Group Selector'-Task*
 - *BOX Archive Retrieval Service: option to retrieve first/last content version data added*
 - *BOX GUI: Possibility to configure the Tooltip text of the task button in all Journals and Application Queues*
 - *File generation enhancement for MPS GAP detection reporting of BOX Server Deleter*
 - *Support for MX access control management at message module level*
 - *Security Reporting tool improvements*
 - ...
- *Payment Message Warehouse Journal: further data extractions for all messages*
 - *New message and validation support for VIBER V1.2*
 - *New message and validation support for SORBNET V0.6*
 - *CBPR+ SR2024 message update for camt.106 and camt.109 (2024-10-16)*
 - *RIX message and validation update to V2 (v.19, 2024-10-07)*
 - ...