



### Messaging Infrastructure: BOX

- Native support of ISO20022 since 2005
- Support of ESMIG Network Protocol



### Cross border payments & T2 validation services

- Syntactically
- Semantically
- Service validation rules



### Advanced search functions for payments

- Combined search functionality for MX & MT messages
- Full text search for MX messages



### Message Entry & Repair for ISO20022

- Message entry wizard
- Support for multicast MX messages
- XML import functions for tests
- MX Templates
- Maintained in the GUI
- Import / Export functionality



### New Payment Warehouse including MT and MX messages together



### Transition Support

- MT / MX Conversion
- FIN Y-Copy (MT01n) Emulation



### Duplicate check for MX & FIN payments



### RMA for ISO20022 messages

- Coexistence of FIN RMA and MX RMA records



### Support of Exception & Investigations

- camt.034 Duplicate
- camt.028 AdditionalPaymentInformation
- camt.031 RejectInvestigation
- camt.029 ResolutionOfInvestigation
- camt.026 UnableToApply
- camt.027 ClaimNonReceipt
- camt.033 RequestForDuplicate



### Common queues & journals for MX & FIN payments

- Authorization
- Message Entry / Repair
- Templates
- Embargo
- Exception handling
- Monitoring



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