

NTT DATA Getronics  
**FMB 7.0**  
Global Transaction Banking Platform

**A fully scalable solution  
that can adapt to changing customer needs**

Financial Message Broker 7.0 (FMB 7.0) offers all the features needed to support global transaction banking operations. Customers can select individual components of the FMB 7.0 based on their needs and requirements.

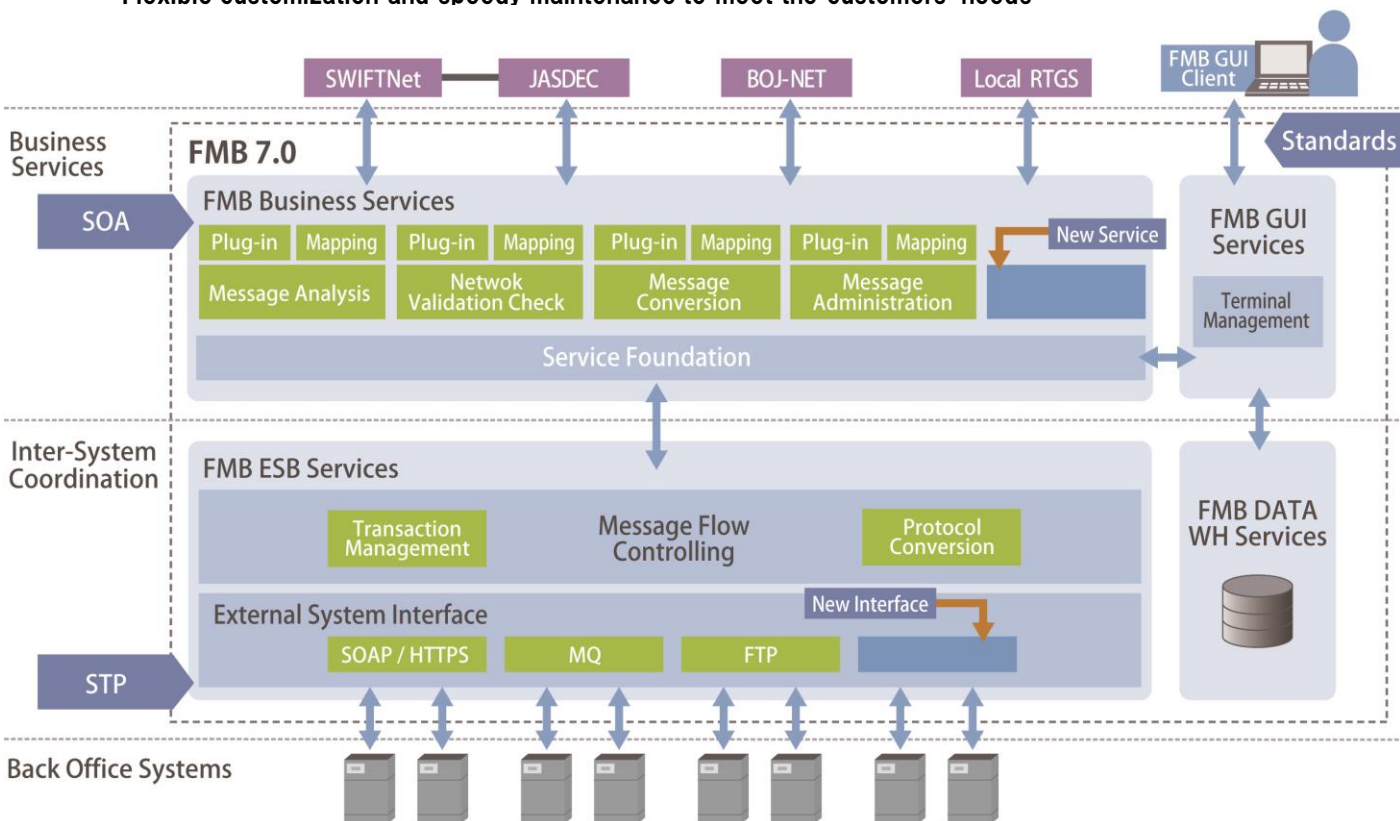
FMB 7.0 allows customers to:

- Consolidate transactions from all the branches in a single system infrastructure
- Streamline and simplify the existing inter-system connections
- Minimize the system impact of the standards releases
- Automate and consolidate the domestic/international back-office operations

Customers can implement the components of their choice, making the most of their existing infrastructures. This leads to a faster implementation and TCO reduction.

**Features**

- **Implementation of a single component or combination of components to meet the requirements**  
Customers can choose freely to implement one single component or to combine several
- **Conversion engine and rules provided in a single package**  
Reduction of development time and costs.
- **All components developed/managed in-house**  
Flexible customization and speedy maintenance to meet the customers' needs



## Solution components

| Components                      | Overview   |
|---------------------------------|--|
| <b>FMB7.0 Business Services</b> | <p>Flexible framework based on service oriented architecture</p> <ul style="list-style-type: none"> <li>• Compatibility with the existing system resources and functionalities</li> <li>• Robust service architecture for stable settlement operations</li> </ul>  |
| <b>Message Conversion</b>       | <p>Simple and fast message conversion for the international standards (ex. ISO20022)</p> <ul style="list-style-type: none"> <li>• Rules-based conversion (separation between engine and rules)</li> <li>• Visible conversion rules (no coding)</li> <li>• Support various formats such as fixed length, SWIFT FIN, csv, tab-delimiter, etc.</li> <li>• Conversion rules sets for various market infrastructures as optional packages</li> </ul>  |
| <b>Message Validation Check</b> | <p>Cross fields check function for SWIFT FIN messages</p>  |
| <b>Message Analysis</b>         | <p>High precision message analysis package (account, party, beneficiary etc.) for effective back-office settlement operations</p> <ul style="list-style-type: none"> <li>• Rule-based analysis (separation between engine and rules for easy customization)</li> <li>• Sophisticated engine and rules based on our accumulated know-how.</li> <li>• Possible tuning of the STP rate by the users</li> </ul>  |
| <b>Message Management</b>       | <p>Provides all the necessary features for message management (creation, modification, approval, query, etc.)</p>  |
| <b>FMB7.0 ESB Services</b>      | <p>Resolves the complexity of the existing inter-system connections to provide STP</p> <ul style="list-style-type: none"> <li>• Compatible with various protocols (SOAP/HTTPS, MQ, FTP, etc.)</li> <li>• Message routing feature with the following functions:             <ol style="list-style-type: none"> <li>(1) Guarantee of message storage (interlinking with database)</li> <li>(2) Transaction control (timeout monitoring, duplication check, flow control, etc.)</li> <li>(3) Message control (copy, distribute, split and combine)</li> </ol> </li> </ul> |
| <b>FMB7.0 GUI Services</b>      | <p>Automatic generation of XML-based user interface</p> <ul style="list-style-type: none"> <li>• Automatic generation of screen/list definitions via XML schemas</li> <li>• Rich client and web-based thin client, print and PDF output</li> <li>• Highly effective throughput using incoming/outgoing data compression</li> </ul>   |
| <b>SWIFT Pack</b>               | <p>SWIFT STP solution components</p> <ul style="list-style-type: none"> <li>• Package includes FMB Business Services + FMB ESB Services + FMB GUI Services + SWIFT modules</li> </ul>  |

## About us

- Close partnership with SWIFT since the 1980s
  - ✓ Responding to SWIFT's evolution and enhancements
- Provider of SWIFTNet-based market infrastructure solutions since the 1990s
- Extensive experience in large-scale projects
  - ✓ Accumulated knowledge and experience in financial and settlement systems
- Reliable system maintenance services
  - ✓ Bilingual support
  - ✓ Remote and on-site support
  - ✓ 24/7 support

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