



Mindtree

Welcome to possible

Murex Datamart performance optimization

The Murex Datamart, built on a strong foundation, often gets overloaded with inorganic, quick-fix reporting codes and backend tables. The fast-paced demands of reporting exerts a lot of pressure on the platform. Mindtree's framework enables financial institutions to derive the best out of it. This ensures that performance levels do not decline, even after making it scalable for higher volumes.

Our offerings:

- Consulting services for Datamart optimization
- Comprehensive solutions for regulatory and compliance reports
- Customized re-engineering packages for Murex Datamart

Consulting

- Implement due diligence of existing Murex Datamart and analyze any planned increase in volumes
- Carry out proof of concept
- Identify performance bottlenecks and necessary conditions for scalability
- Analyze findings and provide high level estimates

Analysis & design

- Customize design to suit specific needs and scalability requirements
- Identify the right solution accelerators (from our existing tool set), or identify areas for new accelerators to be developed
- Prioritize based on business criticality and risk factors among reports such as Profit and Loss Statement (PNL), accounting, risks and regulatory & compliance

Iterative implementation

- Build covering following design considerations: database, jobs scheduling, functions & procedures, SQL tuning, index creation, data redundancy and normalized data modeling
- Ongoing review mechanisms and governance model in place
- Use of flexible onsite / offshore model depending on customer expectations and security constraints
- Performance benchmarking

UAT & go live

- Load testing, capacity planning for anticipated volume increase
- Dress rehearsals and server load monitoring
- Reconciliation and testing
- Warranty support
- Documentation and knowledge transfer

Business As Usual (BAU) support

Mindtree provides comprehensive SLA-based, metrics-driven BAU support on Murex. We implement and deploy Murex in financial institutions. Mindtree offers the following BAU services:

- Application support services
- Environment support
- Infrastructure support
- Monitoring services

We provide BAU support to a host of customers, enriching them with over 35,000 person days of Murex expertise.

VALUE-ADDED REPORTING

Conversion & migration

- Mreports
- Actuate
- Business objects
- Extraction

Development & maintenance

- Functional
- Murex reports
- Ad hoc reports
- Updates

Validation

- Comparison
- Tolerance
- Batch mode run
- User Interface (UI) check

Performance tuning

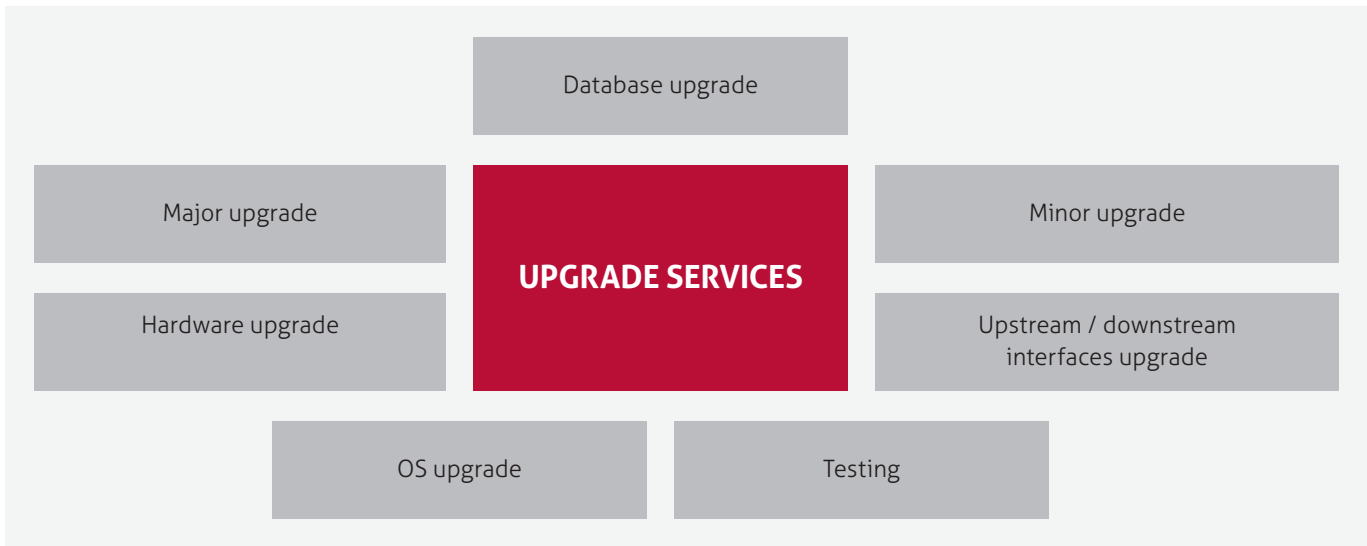
- Optimization
- Reports
- Datamart

Murex version upgrades

Murex does frequent upgrades on the MxG200 version and Mindtree enables financial institutions to implement them. This continuously enhances the solution and reflects the latest business and technology trends.

Key advantages

- Enables time and cost reduction by offering proprietary tools (automated testing suite and a report validation tool)
- Provides hands-on experience in testing, defect tracking, defect resolution and root cause analysis
- Offers excellent release notes, with explanations on post migration differences due to version enhancements



Murex testing

Mindtree provides end-to-end testing services on the Murex platform. Our expertise has enabled us to build a variety of innovative tools, significantly reducing testing time. These include:

- Test accelerators
- Report validation tools
- Automated testing framework and regression suite
- Test suites

MUREX TESTING SERVICES

Test accelerator

- Automation of
 - Payment confirmation workflows
 - Trade amendment & validation of trade
 - Trade confirmation workflows
 - Market data entry
 - Execution of market operations

Report validation tool

- Layout automation
- Data & variance validation automation
- Supports XLS reports & other formats
- Supports DW, BI & ERP reporting requirements

Automation testing framework & regression suite

- Quality center
- QTP
- Murex macros
- MS Office

Testing suites

- Smoke test suite
- Tools configuration & usage
- Manual regression suite

SUCCESS STORIES

A leading investment bank in Australia

Mindtree helped the bank implement Murex, by developing interface messages between Murex and the proprietary middleware. These were passed on to the various downstream payment systems. This reduced STP time and de-risked payment processing, by eliminating manual intervention. We also facilitated upgradation to a higher version of MxG2000.

A major investment bank in Singapore

Mindtree enabled the bank optimize their Murex Datamart performance, configuration and payment reports generation. It facilitated downstream / upstream interface development, from several products. These services included interest rate derivatives, Forex and fixed income management. In addition, we provided BAU support to them.

An investment bank in Japan

Mindtree provides end-to-end BAU services to the bank. We offer overall production support, maintenance, enhancements and infrastructure support to their Murex system.

A leading financial services group in Asia

Mindtree provides complete application development and L1 support services on Murex, on a Managed Services model. The key areas comprise Murex integration, reporting services, workflows and market data maintenance. Other areas include Murex environment support and interfacing with other downstream systems.

About Mindtree

Mindtree is a global information technology solutions company with revenues of over USD 400 million. Our team of 11,000 experts engineer meaningful technology solutions to help businesses and societies flourish. We enable our customers achieve competitive advantage through flexible and global delivery models, agile methodologies and expert frameworks.