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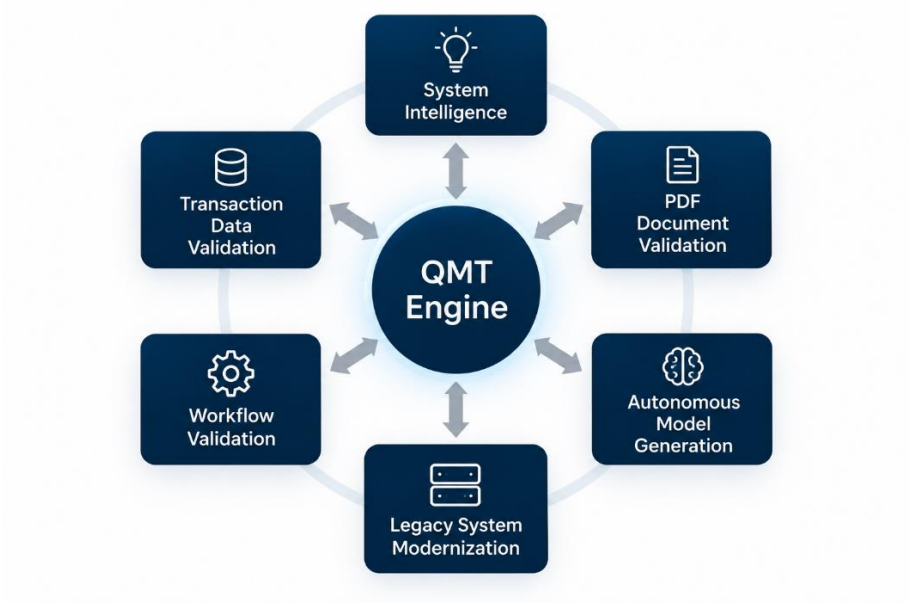
The Digital System Blueprint for Insurance Platforms

QMT transforms software quality engineering through an Enterprise Digital Blueprint built on Emtech's Deterministic Knowledge Graph technology. The Digital Blueprint captures application workflows, business rules, data relationships, and system dependencies to create a trusted understanding of complex enterprise systems.

This foundation enables autonomous testing, continuous validation, AI-powered system intelligence, and legacy modernization, helping insurance enterprises improve software quality, reduce risk, and accelerate product delivery.

The QMT Ecosystem

A modular solution purpose-built for insurance that address enterprise software testing and validation needs across legacy and modern systems.



QMT
Workflow Validation

Accelerate Product Launches
Automate validation of complex business workflows to identify defects earlier, reduce testing cycles, and bring new insurance products to market faster.

Expand Test Coverage
Use the Enterprise Digital Blueprint to validate business rules, workflows, and system interactions, improving coverage beyond traditional manual and script-based testing.

Reduce Quality-Related Day 2 Issues
Reduce manual testing and script maintenance while improving efficiency and minimizing quality-related production issues.

QMT True PDF
PDF Document Validation

Ensure Compliance and Accuracy
Automatically detect incorrect data, missing fields, and formatting issues in insurance documents.

Improve Compliance
Validate documents against business rules and regulatory requirements to reduce errors and compliance risks.

Reduce Operational Costs
Eliminate manual document reviews and rework, accelerating policy issuance, claims processing, and underwriting.

QMT Oracle
System Intelligence

Understand Complex Systems
Ask natural-language questions to explore application workflows, business rules, dependencies, and system behavior through the Enterprise Digital Blueprint.

Identify Coverage Gaps and Risks
Gain insights into test coverage, execution results, application changes, and potential quality risks to make better testing decisions.

Generate Living Documentation
Automatically create and maintain business, technical, and testing documentation to support onboarding, audits, and modernization.

QMT AMG
AI-Powered Modeling

Accelerates Digital Blueprint Creation
Use AI to convert application interactions and workflows into structured models, reducing the time required to create the Enterprise Digital Blueprint.

Automate Application Modeling
Choose between AI-assisted modeling and autonomous application exploration to reduce manual effort and accelerate model development.

Enables Intelligent Testing
Use the generated models to support automated testing, impact analysis, documentation, and QMT Oracle.

QMT Mainframe
Legacy System Modernization

Modernize Mainframe Testing
Automate validation of legacy mainframe applications to reduce reliance on manual testing and specialized scripts.

Ensure Business Continuity
Validate critical business processes across legacy and modern systems to maintain consistent functionality during modernization.

Reduce Modernization Risks
Identify defects earlier, improve regression coverage, and support more reliable modernization of business-critical applications.

QMT True XML
Transaction Data Validation

Ensure Data Accuracy
Automatically compare expected and actual transaction data to detect missing, incorrect, or inconsistent information.

Improve Processing Efficiency
Reduce manual data validation, improve transaction processing, and minimize Not in Good Order (NIGO) issues.

Reduce Compliance Risks
Identify data defects earlier and provide detailed validation results to improve data quality and compliance.

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About Emtech
Emtech has developed patented Deterministic Knowledge Graph technology that creates trusted Digital Blueprints of complex enterprise systems. Through the QMT platform, these Blueprints power autonomous testing, continuous validation, modernization and System Intelligence. Emtech helps carriers and Insurtechs reduce risk, improve quality, and accelerate transformation while maintaining the trust, resilience, and compliance their digital environments demand.

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