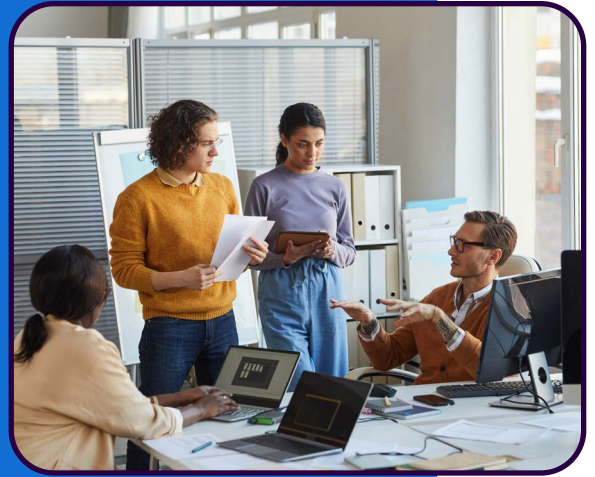


## M&T Bank Sees Return on Code Quality and Security Investment Within 6 Months of Choosing SonarQube Server



Founded in 1856, **M&T Bank** is one of the top full-service U.S.-based commercial banks, with over 21,000 employees and a long history of community-focused banking.

### The challenge

The banking industry is experiencing rapid digital transformation, driven by an accelerating shift toward all-digital customer experiences. This competitive environment necessitates the rapid adoption of new technologies, which simultaneously introduces the highest levels of security and most stringent regulatory requirements to protect sensitive data and transactions.

For M&T Bank, a 165-year-old organization known for its innovative leadership, introducing software with undiscovered problems presents a serious business risk—one that can lead to catastrophic security breaches, financial losses, and reputational damage.

M&T Bank recognized the dual challenge: they needed to minimize application maintenance time and associated costs while ensuring their software remained efficient, reliable, and secure to support organizational standards for code quality and compliance.

### The solution

M&T Bank evaluated several code quality and security solutions before selecting SonarQube Server. They found its capabilities to be significantly more substantial than the competition.

#### Company

M&T Bank

#### Company size

Large enterprise

#### Industry

Banking

#### Key Results

- ROI in less than 6 months
- Standardization of codebase across the organization
- Cleaner, more secure, more efficient code development without workflow disruption
- Time saved by not having to address inefficient code

The bank's development and platform teams highlighted several key areas where SonarQube Server excelled:

- **Speed of analysis:** Delivering rapid and efficient code processing.
- **Actionable guidance:** Providing contextual guidance for developers right in their workflow the moment an issue appeared in their code.
- **Broad platform support:** Offering broad support for a wide range of coding languages, frameworks, and infrastructure technologies.

Since deployment, M&T Bank's developers rely on SonarQube Server's **Quality Gates** to ensure code adheres to predefined quality and security standards without disrupting their flow. This approach enables real-time checks and supports the core methodology of **reducing technical debt by focusing review efforts on new code**, allowing for systemic quality improvement without sacrificing speed on new features.

Additionally, leadership teams utilize SonarQube Server's enterprise portfolios and executive reporting features to gain regular insights into project status and performance across the organization.

## The results: Accelerated ROI and organizational confidence

M&T Bank's investment in SonarQube Server quickly delivered tangible value, with a **return on investment achieved in less than six months**. Since implementation, the bank has **saved substantial time** that was previously dedicated to addressing low-quality code.

SonarQube Server's advanced capabilities—including its speed of analysis, contextual guidance to fix issues quickly and efficiently, and broad support for technologies—have allowed M&T Bank to **standardize the quality and security of their codebase** across the entire organization and reinforce coding best practices, ultimately leading to more efficient software development.

This implementation is a critical component of M&T Bank's broader organizational code quality and security initiative, underlining its commitment to delivering secure and high-quality software solutions.

### About Sonar

Sonar helps developers accelerate productivity, improve code security and code quality, and supports organizations in meeting compliance requirements while embracing collaboration with AI technologies. The SonarQube platform, used by 7M+ developers worldwide, analyzes all code – developer-written, AI-generated, and third-party open source code – supercharging developers to build better applications, faster.

Sonar provides automated code review and assurance, inherently applies secure-by-design principles, fixes issues in code before they become a problem, and enforces policy standards – all while improving the developer experience. Sonar is trusted by the world's most innovative companies and is considered the industry standard for integrated code quality and code security. Today, Sonar is used by 400K organizations, including Mastercard, Barclays, Ford Motor US, and T-Mobile.