



CASE STUDY

Economies of Database Scale Achieved

A leading multinational banking and financial services organization with offices in 70 countries and millions of customers was seeking a scalable database vulnerability management program to secure nearly 10,000 databases located across the world.



Client Spotlight

The organization was struggling to protect key corporate databases, with existing technology that was complex, difficult to deploy and did not scale well. An aggressive growth strategy included digital transformation initiatives to increase customer engagement. Therefore, its data protection systems needed to modernize as well, starting with a vulnerability management program to secure its nearly 10,000 databases located around the world.

The Challenge

As a multi-national financial services corporation, the client was subject to a myriad of international and local regulations. Regional and country-based member banks had each been using their own assortment of tools to assess, report and remediate database vulnerabilities. However, if the client was going to sustain its growth trajectory, it needed to centralize key security and risk management activities.

Inconsistencies in policies, assessments, reporting and remediation efforts finally drove the organization to seek out a cohesive database security solution that could centralize this process and still offer each member bank access to the real-time data they needed to remediate and re-test their respective IT environments.

They needed a solution that could meet the regulatory requirements in a large number of countries while meeting three key needs:

- Implement security compliance monitoring consistently, across a multiple database platforms
- Standardize reporting and remediation requirements and processes for all databases
- Track compliance status and trends over time

“The bank gained economies of scale by leveraging a holistic solution comprising two core modules: enterprise-class Vulnerability Management and Rights Management”

Thomas Patterson, Trustwave Senior Product Director.

The Solution

The banking firm selected Trustwave DbProtect as its global database security platform. It can now more easily conduct enterprise-wide scans across tens of thousands of databases, access the latest security updates and best practices, while still offering its in-market security teams powerful reporting, analytics and data correlation capabilities to meet local security and compliance needs.

The bank is now in a better position to address database vulnerabilities, configuration issues, weak passwords, patch issues, access control issues and other problems that could lead to user privilege escalation. And DbProtect is integrated into their existing security management, risk mitigation and compliance environment.

Industry Threat

Fears of cyber criminals targeting banks across the world are increasing especially after significant incidents resulting in many millions of dollars stolen per incident over the last few years. As banks invest increasingly in mobile and web-based services to facilitate payment and transfers these applications and services bring with them new vulnerabilities that are yet to be addressed.

A recent study on thirty well-known banking applications reported that all the apps had at least one known security risk and 25% of them included at least one high-risk security flaw. Another report deems the financial sector the most vulnerable to attack of all the industries tested and every financial website they tested contained at least one high-severity vulnerability.