



Case Study

Matillion Strengthens Security with AppSecure's Penetration Testing



Company Size	Asset type	Vulnerability Discovery Rise
501-1k	Web Apps & APIs	4x

Client overview: Matillion

Matillion is a cloud-native ETL platform that enables enterprises to integrate and transform data at scale for analytics, AI, and business intelligence. Trusted by leading global organizations, Matillion accelerates data pipelines, enhances scalability, and delivers faster, actionable insights.

Challenge

Moving Beyond Traditional Testing for Deeper Security Validation

Matillion’s traditional annual penetration tests provided valuable insights, but the security team sought a deeper, continuous validation method. They wanted to complement their internal assessments and bug bounty programs with research-driven offensive testing to uncover advanced vulnerabilities and enhance resilience.

Our unique approach

Research-led Pentest-as-a-Service

AppSecure delivered a research-focused Pentest-as-a-Service engagement, conducting in-depth manual testing across Matillion’s backend APIs and applications. The testing simulated real-world adversarial attacks to validate the robustness of Matillion’s controls and identify optimization opportunities in access control and authorization mechanisms. AppSecure’s pay-per-bug model ensured cost-effectiveness—aligning spend directly with validated, high-impact findings.

Company	Matillion
Headquarters	Salford, Manchester
Industry	Technology
Department	IT Security
Service Used	Pentest as a Service



Strengthening Security Posture

As a cloud ETL platform powering enterprise data transformation, Matillion must maintain airtight security around its data integration workflows. Through its partnership with AppSecure, Matillion fortified its existing controls and gained a prioritized roadmap to mitigate risks efficiently.

Each vulnerability identified was actionable, well-documented, and risk-ranked, enabling Matillion's engineers to strengthen defences with precision

"AppSecure sharpened our security posture by identifying real, exploitable vulnerabilities, enabling us to prioritize what truly matters"

Suchit Mishra

Director of Information Security, Matillion

Enabling Compliance and Risk Management

The engagement supported Matillion's broader SOC 2 and ISO 27001 initiatives by validating its technical safeguards and enhancing third-party risk management processes. AppSecure's continuous testing cycle reduced costs and accelerated compliance-readiness—boosting customer trust and audit alignment.

Driving Efficient Remediation and Innovation

AppSecure provided detailed reports with step-by-step reproduction paths, empowering Matillion's teams to remediate swiftly and effectively. All fixes were verified and re-tested for bypasses, ensuring sustainable risk reduction. This efficiency freed Matillion's engineering teams to focus on innovation and feature velocity while maintaining a resilient, trusted platform.

Measurable Impact

- **50% reduction** in pentesting costs through the pay-per-bug model
- **100% valid vulnerabilities**, zero false positives
- Full SOC 2 and ISO 27001 compliance support
- **4x** rise in vulnerability discovery and validation depth
- Reinforced Matillion's commitment to layered, continuous security testing

"The reports are designed so our engineers can replicate issues quickly, saving time and moving straight to remediation"

Suchit Mishra

Director of Information Security, Matillion



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Hear it from our client, Matillion

"We moved to AppSecure for a more results-driven pentesting model. Unlike traditional vendors with high upfront costs and uncertain ROI, AppSecure's pay-per-bug approach directly tied cost to impact,"



Suchit Mishra

Director of Information Security, Matillion



AppSecure, a global leader in offensive cybersecurity, helps enterprises strengthen their security posture through application security testing, red teaming, and continuous security programs. Our hacker-led experts combine deep research with real-world attack simulations to help organizations validate defences, enhance resilience, and sustain compliance at scale.

Learn more at <https://www.appsecure.security> or [contact us](#) for a tailored consultation.



www.appsecure.security



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