

Borderless CS

CYBER SAFE TOGETHER



Web application Penetration Testing Customer success story

CLIENT: CONTRACT PROBE

CLIENT WEBSITE: <https://www.contractprobe.com.au/>

SERVICE: Web application Penetration Testing



**Penetration
Testing**



Customer Success Story

Contract Probe Strengthens Application Security with Borderless CS through CREST- Aligned Web Application Penetration Testing

Industry: Legal

Website: <https://www.contractprobe.com.au/>

Overview

Contract Probe is an Australian-developed, AI-powered platform that automatically reviews legal contracts, identifies risks, recommends improvements, and enhances the speed and accuracy of legal work. Used by law firms, corporate legal teams, and compliance departments, the platform reduces manual review time and increases confidence in contract decision-making.

As part of its commitment to secure AI adoption in the legal industry, Contract Probe engaged **Borderless CS** to perform a **CREST-aligned Web Application Penetration Test** to validate its security posture, protect sensitive contractual data, and ensure resilience against emerging cyber threats targeting AI-driven SaaS platforms.

About the Client:

Contract Probe provides automated contract analysis powered by advanced machine learning models. The platform helps legal practitioners:

- Review contracts faster and with more accuracy
- Detect risky clauses and deviations
- Strengthen negotiation positions
- Improve workflow consistency
- Reduce manual workload and operational costs

Given the sensitivity of client data—confidential agreements, corporate records, legal documentation—security is paramount.



Engagement Objectives

Borderless CS was commissioned to validate the platform's overall security maturity and ensure Contract Probe met modern SaaS security expectations.

The objectives included:

1. **Identify vulnerabilities within the web platform** that may expose legal data or enable unauthorised access.
2. **Evaluate authentication, authorisation, and session management** used by legal professionals.
3. **Examine business logic and AI-assisted workflows** for potential abuse or misconfiguration.
4. **Assess the security of API endpoints, backend communication, and data-handling processes.**
5. **Deliver a detailed remediation plan** to strengthen the application's cybersecurity posture.

Testing was conducted following **OWASP ASVS, OWASP Top 10**, and best-practice methodologies used by CREST-accredited testing firms.

Scope of Work

Web Application Penetration Testing

The penetration test covered the core Contract Probe web platform, including:

- Access control and role-based security
- Session lifecycle and token management
- Input validation and injection testing
- Document upload, processing, and AI-analysis workflows
- API and backend communication endpoints
- Secure transmission and data storage mechanisms



- Error handling and misconfiguration analysis
- Business logic and contract review processes
- Protection of confidential legal data

Testing simulated real-world attacker techniques to evaluate how securely the platform handled contract documents and sensitive user information.

Key Outcomes:

1. Strengthened Application Security Controls

Medium-risk vulnerabilities were identified, validated, and remediated with guidance from Borderless CS.

2. Enhanced Protection for Confidential Legal Documents

The platform's data-handling processes now operate with stronger encryption and safer workflow boundaries.

3. Improved Authentication & Access Management

Session controls, permission boundaries, and role-based access were refined to protect user environments.

4. Hardened APIs & Backend Infrastructure

The API ecosystem supporting AI contract analysis was validated and fortified against exploitation.

5. Clear Executive-Level Remediation Roadmap Delivered

Borderless CS provided a detailed report mapping findings to risk levels, regulatory impacts, and recommended fixes.



Conclusion

By partnering with Borderless CS,

Contract Probe has significantly strengthened its security posture—ensuring legal professionals can rely on a robust, secure, and trustworthy AI-powered platform.

The application now operates with enhanced resilience against modern cyber threats, reinforcing Contract Probe's role as a leader in secure Legal contracts platform innovation across Australia.

