

Product Catalog



BlackHatBrew

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Supplier Overview

BlackHatBrew is a boutique technology and cyber security consultancy focused on practical outcomes and tailored delivery. We support organizations across security, engineering, and operations by aligning governance, architecture, and execution into a single, consistent model.

Our work spans security assurance, offensive security, engineering services, platform operations, training, and continuous improvement programs. We primarily support education, government, startups, and mission-driven organizations.

Sectors Supported

- Education and research institutions
- Government and public sector
- Startups and growing technology companies
- Regulated and compliance-driven organizations

Services Catalogue

BlackHatBrew focuses on compliance checks, vulnerability assessments, red teaming, and penetration testing for networks, Active Directory, web apps, APIs, cloud (AWS), AI models, and chatbots. We also provide cybersecurity training, incident response help, and create Capture the Flag (CTF) challenges. Additionally, we test cybersecurity products and build proof-of-concepts (PoC) to support easier sales.

Services Catalogue

1. Compliance and Assurance

We help organizations meet regulatory, contractual, and internal security requirements through structured assessments and targeted remediation.

- Security control assessments against industry benchmarks
- Readiness and audit support for SOC programs
- Framework alignment and gap analysis
- Policy, standard, and procedure development
- Incident response planning, playbooks, and tabletop exercises
- Identity, access, and data protection reviews across enterprise platforms



2. Offensive Security

We evaluate security posture through controlled adversarial simulation and targeted testing.

- Internal and external network testing
- Directory and identity system assessments
- Web application and API testing
- Cloud environment security testing
- AI model and automation logic security reviews
- Adversary simulation and attack path validation
- Phishing and social engineering assessments
- Intelligence-based reconnaissance and exposure analysis

3. Vulnerability Management

We support organizations beyond point-in-time testing by improving how issues are identified, tracked, and resolved.

- Risk-based vulnerability discovery
- Triage and prioritization support
- Validation of remediation efforts
- Ongoing security posture monitoring

4. Cyber Security Awareness & Training

We deliver role-based training that targets both human and technical risk.

- Staff awareness programs for phishing, credential hygiene, and device usage
- Secure development training for engineers
- Executive and leadership security briefings
- Scenario-based workshops and simulations
- Custom training content aligned to organizational risk

5. Engineering & Platform Services

We support the design, build, and operation of modern technology platforms with security built in from the start.

- Secure web application design and development
- Backend and API engineering
- Infrastructure design for scalable environments
- Configuration management and environment standardization



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- Deployment automation and release pipelines
 - Environment hardening and baseline creation
 - Reliability, performance, and availability improvements

6. Cloud & Platform Security

We help organizations build and operate cloud environments with consistent security controls and visibility.

- Architecture reviews and security design
- Identity and access structure reviews
- Network segmentation and exposure reduction
- Logging, monitoring, and alerting design
- Secure workload deployment patterns
- Cost, risk, and operational efficiency reviews

7. DevSecOps Enablement

We integrate security into engineering workflows without slowing delivery.

- Secure build and release processes
- Code and dependency risk management
- Secrets handling and access separation
- Environment parity across development and production
- Security gates aligned with business risk

8. Product Security & Proof of Concept

We help vendors and internal teams validate security and functionality before market or internal rollout.

- Product security testing across interfaces and services
- Architecture and trust boundary reviews
- Performance and stress testing
- Controlled enterprise simulations for validation
- Security input for sales and technical documentation

9. Uplift Programs

Structured improvement programs designed to raise maturity over time.

- Current state assessments



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- Target state definition
 - Roadmaps aligned to risk and budget
 - Control implementation support
 - Ongoing advisory and delivery oversight

Responsible Procurement

BlackHatBrew is a small, independently operated business. We prioritize ethical procurement, support local suppliers, and operate with a digital-first delivery model. Our operations run on renewable energy sources where available.

We contribute services to Indigenous, LGBTQIA+, and not-for-profit organizations.

Next Steps

We are available to discuss scope, delivery models, and timelines based on your needs.

Contact

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