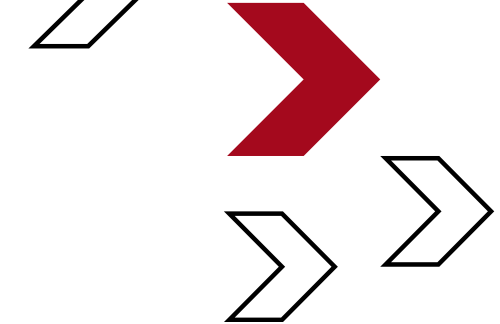




CAPABILITIES BREIFING

Protecting Your Digital
World with Artificial
Intelligence





ABOUT US

Cyber Sparc AI™ <https://cybersparcai.com> is a cutting-edge cybersecurity Small Disadvantaged Business (SDB) that integrates artificial intelligence with proven federal and commercial cybersecurity frameworks to deliver proactive, intelligent cyber solutions. Built on innovation and guided by NIST standards, we provide scalable solutions that enhance resilience, ensure readiness, and enable mission assurance across the cyber domain.

Our Generative AI and hyper-automation solutions deliver cybersecurity-related support and solutions that enhance efficiency and strengthen the security of the computing environment. Our purpose is to empower organizations to protect their digital assets and operations by developing innovative AI-driven cybersecurity solutions that detect, prevent, and respond to evolving threats with speed, intelligence, and reliability. From continuous monitoring and incident response to automated compliance and audit log analysis, Cyber Sparc AI™ empowers teams to stay one step ahead of adversaries.





VISION

To be the trusted leader in AI-driven cybersecurity, empowering organizations to achieve continuous monitoring, real-time risk management, and enduring mission assurance.

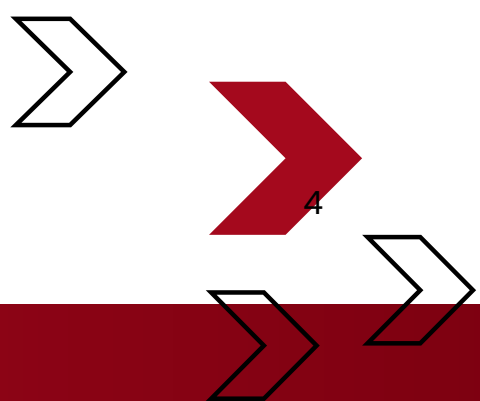
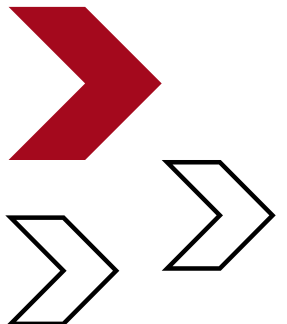
MISSION

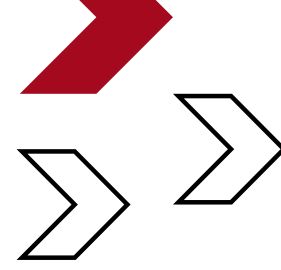
To deliver AI-enabled cybersecurity solutions that advance system security profiles by automating compliance, strengthening situational awareness, and ensuring continuous protection across critical systems and networks.



CORE CAPABILITIES

- **Cyber Dome™**: AI-driven NIST compliance with continuous monitoring and automated control management
- **Cyber Planner™**: Automated management of cybersecurity plans and compliance
- **CyberVault™**: Intelligent audit log analysis to identify suspicious activity
- **CyberShield™**: Continuous AI-powered monitoring to detect threats in real time
- **CyberCenturion™**: Adaptive, automated incident response to rapidly contain threats
- **Smart Secure AI™**: Real-Time Credit Card Fraud Detection with Fully Explainable AI
- **Change AI™**: AI-Driven Document Management for the Transition to the Latest NIST SP 800-171 Revisions
- **Sprocket AI™**: Intelligent Document Management and Automated Compliance Mapping for Evolving NIST 800-171 Standards
- **Platinum OS™**: The Core Ecosystem AI-native operating system that unifies enterprise data, tools, and workflows into a single intelligent layer
- **541512** – Computer Systems Design Services
- **541511** – Custom Computer Programming Services
- **518210** – Data Processing, Hosting, and Related Services
- **541519** – Other Computer Related Services
- **541690** – Other Scientific and Technical Consulting Services
- **541611** – Administrative Management & General Management Consulting Services





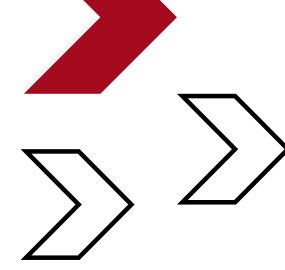
CYBER DOME™: NIST CYBERSECURITY FRAMEWORK INTEGRATION

EMBEDDING AI INTO YOUR COMPLIANCE & CONTROL ARCHITECTURE

Embedding AI into the NIST Cybersecurity Framework for enhanced protection and efficiency.



- **Maps AI controls directly to NIST functions**
- **Automates compliance with NIST 800-53 and 800-171 controls**
- **Continuously assesses, monitors, and improves security posture**



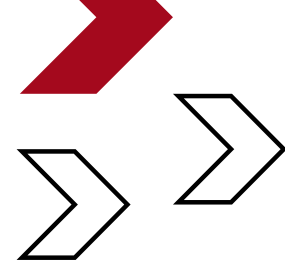
CYBER PLANNER™: AUTOMATED SECURITY PLAN MANAGEMENT

**SMART DOCUMENTATION, ALWAYS CURRENT, ALWAYS
COMPLIANT**

Streamlining Security System Plans through
intelligent automation.

- Integrates directly with audit and compliance systems
- Minimizes administrative workload and human error
- AI auto-generates and maintains up-to-date SSP documentation





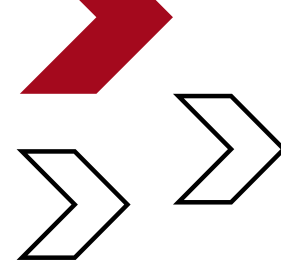
CYBERVAULT™: INTELLIGENT AUDIT LOG MONITORING

TURNING LOGS INTO INTELLIGENCE, INSTANTLY

Turning audit logs into actionable intelligence through automation and AI insights.



- Continuous audit data ingestion and analysis
- AI correlates log data from multiple sources for faster anomaly detection
- Predictive analytics identify trends before incidents occur



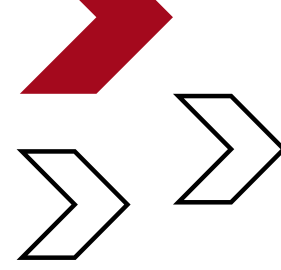
CYBERSHEILD™: AI-POWERED CONTINUOUS MONITORING

**24/7 INSIGHT ACROSS NETWORKS, CLOUD, AND
ENDPOINTS**

Harnessing machine learning to detect, predict,
and respond to threats in real time.

- Machine learning models identify behavioral deviations instantly
- Automated data collection and analysis across networks and endpoints
- AI algorithms identify anomalous behavior and prioritize critical alerts





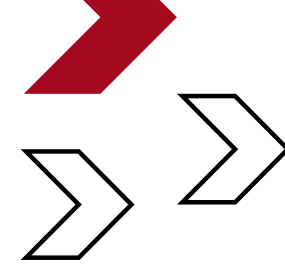
CYBERCENTURION™: ADAPTIVE INCIDENT RESPONSE

**AUTOMATED TRIAGE. DEEP CONTEXT. FASTER
CONTAINMENT.**

Smart, AI-driven incident response that evolves
with emerging threats.

- AI correlates events across multiple data sources
- Automated playbooks accelerate remediation
- Real-time threat intelligence ensures precision response





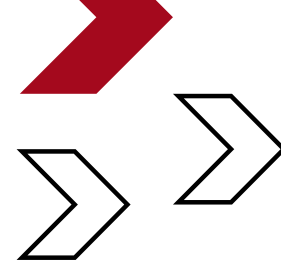
SMART SECURE AI™ – PLUG-AND-PLAY FRAUD INTELLIGENCE

REAL-TIME CREDIT CARD FRAUD DETECTION WITH FULLY EXPLAINABLE AI

Smart Secure AI is an independent fraud intelligence layer that financial institutions can deploy in minutes without altering their existing technology stack. It delivers real-time transaction risk scoring while eliminating black-box guesswork by translating complex machine learning decisions into plain-English explanations.



- **Multi-Model Intelligence:** Correlates behavioral signals using both supervised and unsupervised AI to uncover known and emerging fraud.
- **Plain-English Explainability:** Delivers instant, transparent justifications for every decision to assist analysts and auditors.
- **Zero-Friction Verification:** Sends automated SMS notifications to cardholders for instant transaction approval, reducing false positives.



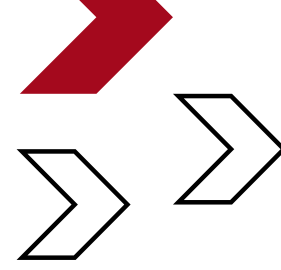
CHANGE AI™ – AUTOMATING COMPLIANCE EVOLUTION

AI-DRIVEN DOCUMENT MANAGEMENT FOR THE TRANSITION TO THE LATEST NIST SP 800-171 REVISIONS

Change AI is an intelligent document management platform that automates the transition to evolving compliance standards. By digesting unstructured policy text and cross-referencing it with the latest federal frameworks, it removes manual side-by-side analysis and gives contractors a direct path to regulatory alignment.

- **Automated Delta Detection:** Instantly isolates added, merged, or withdrawn controls in the latest NIST 800-171 revisions.
- **Intelligent Document Mapping:** Automatically reads and traces your current policies against updated standard requirements to find coverage gaps.
- **Dynamic Remediation Plans:** Generates recommended organizational parameters and drafts compliant policy language to bridge identified gaps.





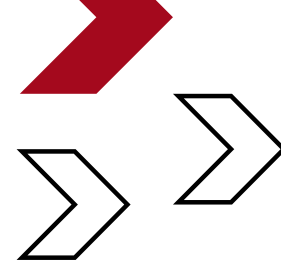
SMART SECURE AI™: NEXT-GEN FRAUD DETECTION

DEPLOY CUTTING-EDGE FRAUD INTELLIGENCE IN MINUTES.

Smart Secure AI is a plug-and-play fraud detection platform that financial institutions, payment processors, merchant acquirers, and compliance auditors can deploy in minutes without replacing, retraining, or even touching their existing technology stack. It operates as an independent, intelligent fraud layer sitting alongside any core banking or payments system.



- **Explainable AI:** Every automated decision is translated into plain English, showing fraud analysts the exact signals that triggered a flag.
- **Natural Language Auditing:** Compliance officers and auditors can interrogate transaction histories using regular conversational questions—no SQL knowledge required.
- **Watchdog Oversight:** Uniquely serves as a guardian over your own existing AI models, detecting if they degrade, drift, or produce anomalous outputs.
- **Real-Time SMS Verification:** Flagged customers receive immediate SMS alerts to instantly approve legitimate transactions, drastically lowering false positives without sacrificing security.
- **Resilient Fail-Safe Design:** If the platform ever goes down, transactions safely pass through rather than blocking payments, preserving smooth business operations.



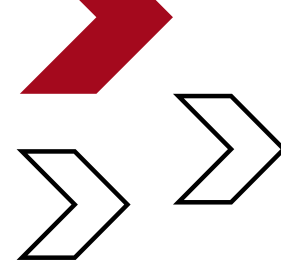
SPROCKET AI™: UNIFIED AGENTIC AI WORKFLOW ENGINE

INTELLIGENT DOCUMENT MANAGEMENT AND AUTOMATED COMPLIANCE MAPPING FOR EVOLVING NIST 800-171 STANDARDS

In today's fast-moving market, supply chain and acquisition professionals are bogged down by fragmented data, manual vendor checks, and reactive risk management. Sprocket AI is the ultimate automation engine built to unify your entire workflow automation ecosystem. By seamlessly bridging advanced data extraction, automated compliance, and predictive logistics, Sprocket AI turns manual operations into highly optimized, self-running workflows.



- Intelligent Document Management: Automatically reading, classifying, and extracting line-item data from unstructured PDFs, invoices, and purchase orders.
- Natural Language Processing & Computer Vision: Instantly comparing supplier contracts and visually verifying received goods against digital bills of lading.
- Predictive Analytics: Moving from reactive inventory to proactive, foresight-driven procurement by anticipating shortages before they happen.
- Automated Vendor Compliance: Continuous monitoring of supplier certifications, insurance, and performance metrics to ensure you only work with approved partners.
- Intelligent Incident Response: Finding and neutralizing anomalies—such as fraudulent invoices, shipment delays, or pricing spikes—in real time.



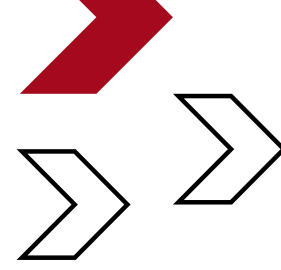
PLATINUM OS™: THE ARCHITECTURE OF AUTONOMY

MISSION-READY PAAS FOR GENERATIVE AI & HYPER-AUTOMATION

A proprietary, native-first Platform-as-a-Service (PaaS) built on a security-hardened, minimalist Linux foundation to eliminate the "virtualization tax" and maximize bare-metal performance for AI workloads.



- **High-Density Compute:** Orchestrates AWS, Azure, and on-premises hardware through a single unified dashboard, delivering scalable infrastructure without resource-heavy abstraction layers.
- **Autonomous DevOps:** Embeds local AI Agents that use standardized protocols to manage system health, automate "one-click" deployments, and provide self-healing operational support.
- **Integrated Ecosystem:** Features built-in GitHub-style repositories, PostgreSQL databases, and Keycloak SSO (Azure AD integrated) to provide a private, compliant environment at no additional licensing cost.
- **Quantum-Ready Engineering:** Leverages specialized subsidiaries (Alpha X AI, Cyber Sparc AI, Duality Q, Pantheon Design) to deploy agile, future-proof architectures for mission-critical data reconciliation.



HIGH-PERFORMANCE SECURE FOUNDATION

THE BACKBONE FOR ADVANCED AI AND EMERGING TECH

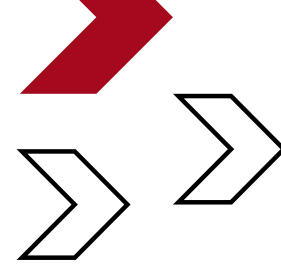
The Coolify Product Platform

- Coolify is an enterprise-grade, self-hosted orchestration platform that serves as the "intelligent brain" of Platinum's environment. It provides cloud-like agility (similar to Heroku) while ensuring **100% data sovereignty** on our private, U.S.-based hardware.
- Reduced Complexity: Simplifies the deployment of complex AI architectures while maintaining full control over the underlying infrastructure.

The Core Coolify Advantage to Cyber Sparc AI™ Infrastructure

- Powerful U.S.-Based VPS: High-performance backbone featuring 8 CPU cores and 32 GB of RAM with expandable storage.
- Hardened Security Posture: Enterprise-grade environment featuring layered firewalls, secure VPN access, and fully managed external protections.
- Turnkey AI Readiness: Eliminates the burden of hardware management and complex cloud configurations, providing a private, compliant foundation for sensitive AI workloads.





THE INTEGRATED AI ECOSYSTEM

CENTRALIZED CONTROL AND ENTERPRISE-GRADE COLLABORATION

Self-Hosted Enterprise Services

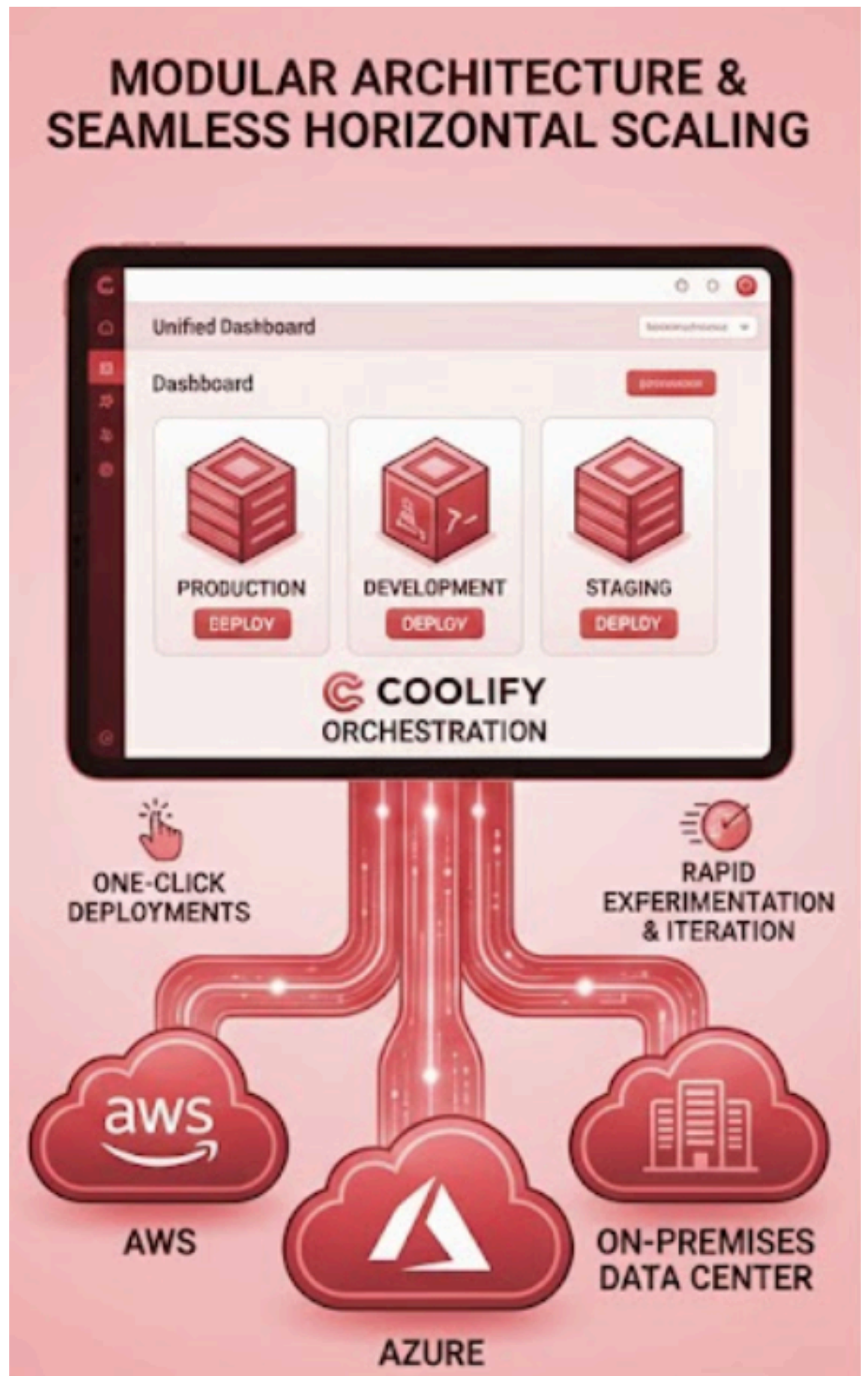
- Dev Sec Ops Autonomy: Secure, self-hosted GitHub-style repositories and standalone PostgreSQL databases for complete data sovereignty.
- Interconnected Services: A highly adaptable ecosystem where shared services interconnect seamlessly across various AI applications.

Identity & Access Management

- Enterprise SSO: Built-in Keycloak integration providing Single Sign-On (SSO) with Azure AD.
- Cost-Effective Security: Delivers robust, enterprise-grade identity management without the burden of additional licensing costs.

Collaborative Innovation

- National Reach: Empowers Platinum's distributed teams to collaborate securely on sensitive projects from any location.
- Full Infrastructure Control: Combines the ease of the cloud with the security and cost-predictability of a private, managed environment.





THANK YOU

Contact Us:

President & CEO

Jody Venkatesan

jvenkatesan@cybersparcai.com

Direct: (301) 651-1297

Website: cybersparcai.com

OUR PARTNERS

