



AXION DEFENCE™

Redefining Cyber Defence for the Age of Intelligence.



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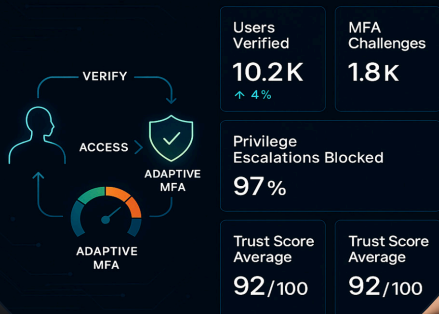
AxionDefence™, Synnect's intelligent cybersecurity suite, enables organisations to predict, prevent, and respond to threats across every layer of their digital ecosystem. Built on AI, automation, and zero trust principles, it unifies detection, response, and governance into a single cognitive fabric that continuously strengthens itself through learning and collaboration.

Whether defending a financial institution, securing a smart city, or protecting mission-critical infrastructure, AxionDefence™ brings confidence and clarity to an increasingly complex threat landscape.

Redefining Cyber Defence for the Age of Intelligence

Identity Core Dashboard

Continuous Authentication & Privilege Intelligence



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The Intelligent Defence Shift

From Reactive Security to Predictive, Continuous Assurance

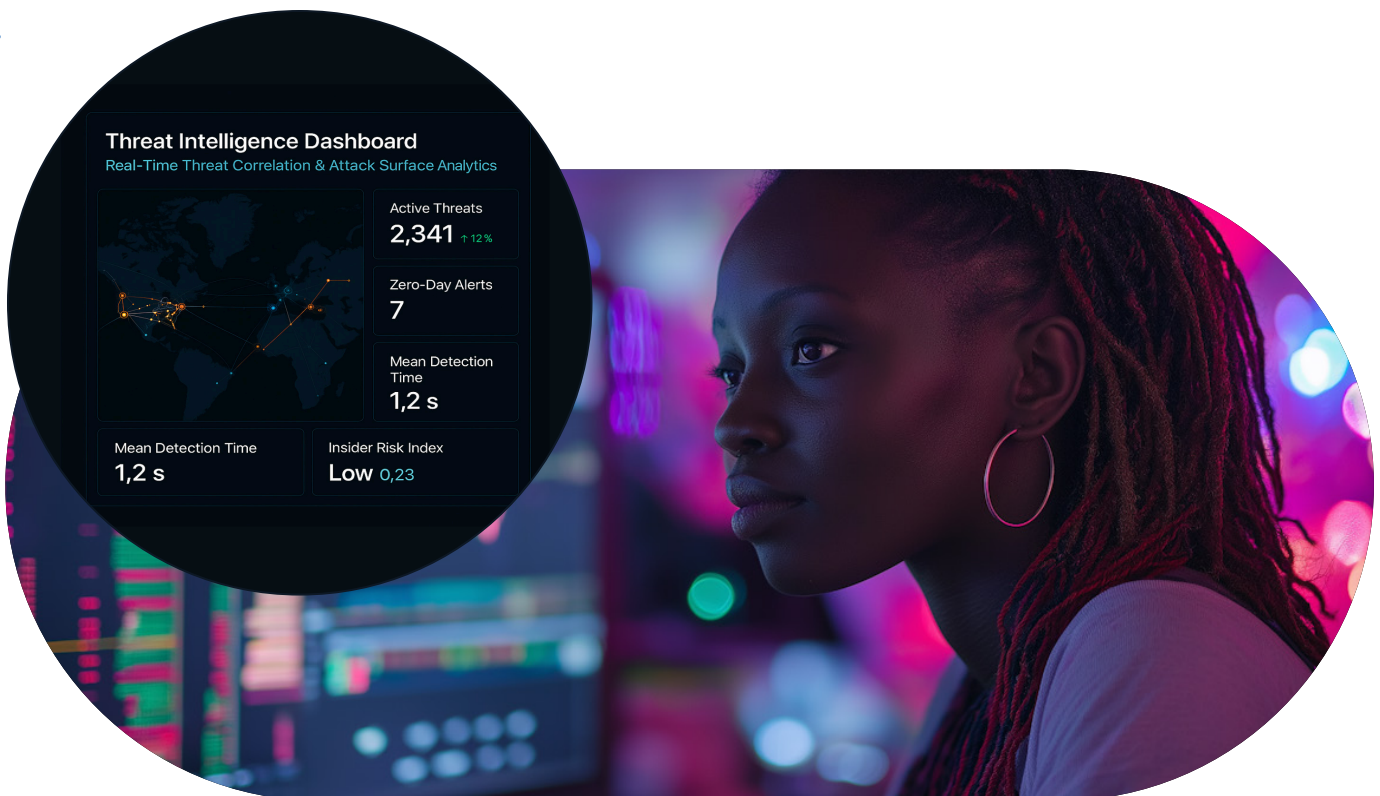
Cyber threats now evolve in milliseconds, while traditional security models still rely on post-incident detection, manual triage, and fragmented toolsets. As organisations expand across cloud, edge, IoT, and partner ecosystems, the attack surface grows faster than human teams can manage. Security must therefore become:

- Continuous rather than periodic
- Predictive rather than reactive
- Unified rather than fragmented
- Governed and auditable by design

AxionDefence™ addresses this reality by consolidating telemetry, identity, data, applications, and governance into a unified cyber defence fabric. Powered **by Synnect Stacks**, it enables early detection, automated response, and continuous assurance across the enterprise.

This is cyber defence designed not just to protect systems, but to protect **trust**.

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Threat Intelligence & Identity Control Plane

Threat Intelligence & Attack Surface Analytics

In a world where cyber threats evolve in milliseconds, visibility is the first line of defence. AxionDefence™ Threat Intelligence transforms raw data into actionable foresight.

It consolidates telemetry from endpoints, networks, clouds, and IoT systems into a living **threat graph** that continuously learns from every incident, every anomaly, and every signal. The result is a security environment that no longer reacts to attacks — it predicts them.

Capabilities include:

- Real-time detection and AI-driven anomaly correlation across systems
- Predictive threat modelling for zero-day and advanced persistent threats
- Behavioural analytics for insider, supply-chain, and cross-domain attacks
- Integration with global threat-intelligence feeds for contextual insight

Identity & Access Intelligence

As the digital perimeter dissolves, identity becomes the new control plane. AxionDefence™ ensures that every user, device, and system is continuously verified before gaining or maintaining access.

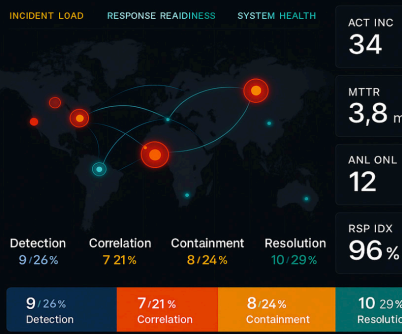
By combining adaptive authentication, behavioural biometrics, and dynamic trust scoring, it establishes a living security posture — where access is earned, not assumed.

Capabilities include:

- Unified IAM, PAM, and SSO across on-prem and cloud environments
- Risk-based adaptive MFA using behavioural and contextual signals
- Continuous access monitoring and privilege-escalation control
- AI-powered anomaly detection to prevent credential misuse and lateral movement

Cyber Command & Threat Response Hub

Unified Incident Visualization & Coordination Center



Data, Cloud & Application Defence

Data Security & Privacy Fabric

In the data economy, security must travel with information wherever it flows. AxionDefence™ Data Fabric is designed to discover, classify, and protect data from creation to archival.

Using intelligent tagging, encryption, and access policies, sensitive information remains protected without interrupting workflows. Compliance becomes automatic, visibility becomes universal, and privacy becomes an operational standard. Capabilities include:

- Automated data discovery, tagging, and classification across silos
- Real-time tokenisation and encryption for structured and unstructured data
- Policy-driven DLP integrated with productivity tools and APIs
- Continuous compliance mapping for POPIA, GDPR, HIPAA, and ISO 27701

Cloud & Application Defence

Modern applications are fluid, distributed, and constantly evolving — and so are their vulnerabilities. AxionDefence™ extends protection across hybrid, multi-cloud, and edge environments with continuous runtime monitoring and adaptive policy enforcement.

Capabilities include:

- Continuous vulnerability scanning and automated remediation orchestration
- Runtime protection for APIs, web services, and containers
- Kubernetes and microservice security with drift detection and audit controls
- Cloud posture management with dynamic compliance dashboards

Autonomous SOC, GRC + Resilience

Autonomous SOC & Orchestration

Security operations must evolve beyond human speed. AxionDefence™ Autonomous SOC integrates cognitive automation, correlation, and orchestration to transform incident response from manual triage into intelligent action.

By consolidating billions of signals into meaningful insights, it empowers analysts to act on what matters — faster and more accurately than ever before. Capabilities include:

- AI-driven event correlation across SIEM, SOAR, and XDR ecosystems
- Dynamic playbooks that automate investigation and containment
- Contextual threat visualisation through unified dashboards
- Analyst augmentation with natural-language threat summarisation

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Compliance can no longer be retrospective. AxionDefence™ GRC+ brings governance into the present, providing a continuously monitored environment where every policy, control, and process is visible and verifiable.

Capabilities include:

- Continuous alignment with ISO 27001, NIST CSF, COBIT, and SOC 2
- Automated evidence gathering and audit-trail management
- Policy intelligence linking business risk to security metrics
- Predictive compliance scoring with executive visual analytics

Governance, Risk & Compliance Automation (GRC+)

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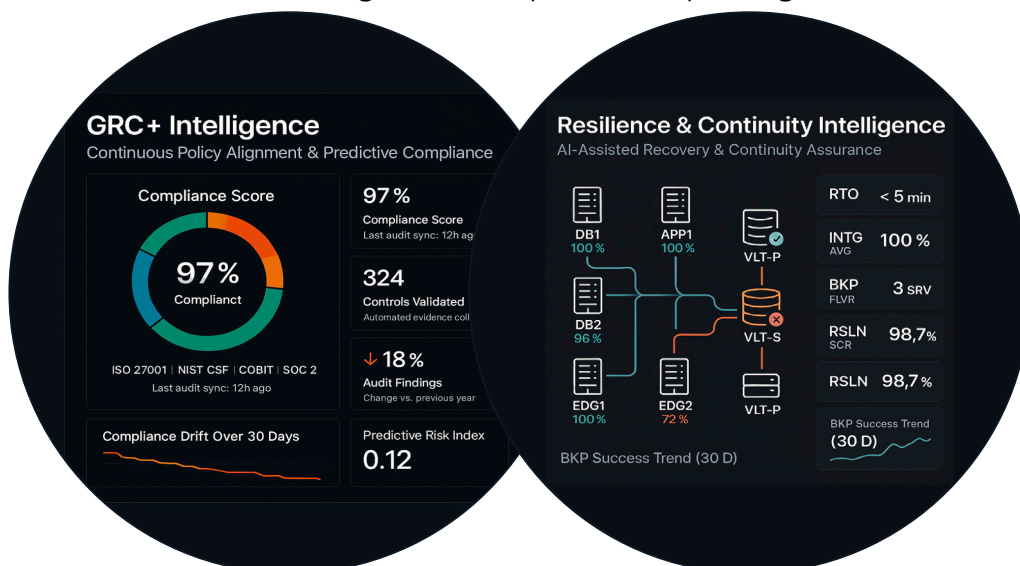
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- Automated evidence gathering and audit-trail management
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Resilience & Continuity Intelligence

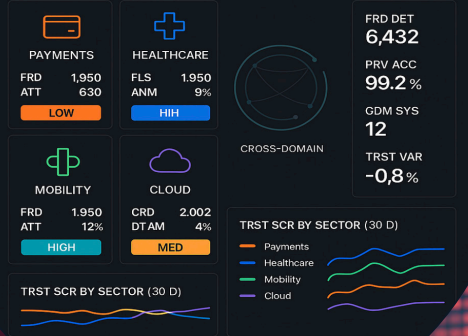
Cyber resilience requires both anticipation and recovery. AxionDefence™ ensures operational continuity through AI-based prediction, continuous validation, and automated restoration — delivered through Synnect Stacks.

Capabilities include:

- AI-assisted recovery planning and dependency mapping
- Immutable backup vaults with zero-trust authentication
- Predictive failover simulations and uptime assurance
- Real-time resilience scoring and compliance reporting



FRAUD INTELLIGENCE CROSS-DOMAIN TRUST ANALYTICS



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Fraud, Command, Quantum Readiness & Why Axion Defence™

AI-Driven Fraud & Trust Analytics

Every digital transaction carries trust — and risk. AxionDefence™ applies behavioural intelligence and continuous trust validation to detect and neutralise fraudulent activity before impact. Capabilities include:

- Pattern-learning detection across payment and transactional networks
- Behavioural biometrics and device fingerprinting
- Cross-domain intelligence correlation through **Synnect Stacks**
- Adaptive trust calibration across human and machine interactions

Cyber Command & Threat Response Hub

Large-scale defence requires centralised awareness and coordinated response. AxionDefence™ Command Hub acts as a digital war room, consolidating telemetry, threat intelligence, and response workflows across the enterprise. Capabilities include:

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- Unified dashboards across network, endpoint, and physical security feeds
- Real-time simulation of attack campaigns and breach propagation
- Collaborative incident communication and escalation frameworks
- Strategic dashboards for executive and government-level visibility

Quantum-Ready Security Architecture

The next frontier of cybersecurity lies in post-quantum resilience. AxionDefence™ ensures cryptographic strength against quantum decryption through hybrid encryption, secure key exchanges, and continuous algorithmic verification.

Capabilities include:

- Post-quantum readiness assessments and hybrid cryptography
- Quantum-entropy-based randomness generation for secure encryption
- Enterprise migration roadmaps for cryptographic agility
- Continuous monitoring against post-quantum vulnerabilities

Platform & Framework

AxionDefence™ is built as a unified cybersecurity mesh that adapts, predicts, and responds across digital ecosystems. Powered by Synnect Stacks, it connects identity, data, and intelligence through AI-driven automation.

Core architectural components include:

- Cognitive security fabric for real-time sensing and response
- Fusion intelligence data core for correlation and prediction
- AI intelligence engine for proactive risk anticipation
- Zero-trust enforcement across users, devices, and transactions
- Cloud-native security mesh for scalability and resilience
- Federated edge analytics for localised containment
- Governance and resilience automation via Synnect Stacks
- Quantum-resilient encryption layer for future-proof protection

Why Axion Defence™

Unified Cyber Intelligence

Axion Defence™ merges every aspect of modern defence into one cognitive ecosystem. Identity, data, applications, and networks operate as an orchestrated system that continuously learns and strengthens itself.

Additional differentiators:

- AI that anticipates, not reacts
- Interoperable by design
- Zero trust, maximum resilience
- Resilience meets compliance
- Human-centric, AI-powered security

At its heart, Axion Defence™ isn't just about protecting systems — it's about protecting progress. By merging intelligence, automation, and trust, it ensures that enterprises move confidently into the future — where every byte is safeguarded, every identity verified, and every interaction governed.

It's not just cybersecurity.

It's **intelligent assurance for a connected world.**



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