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NCSB CYBERSECURITY CHECKLIST

Meet Malaysia's NCSB Technical Requirements With Safous Privileged Remote Access

Malaysia's National Cyber Security Baseline (NCSB) framework sets standards for protecting the country's National Critical Information Infrastructure (NCII) under Cyber Security Act 2024 (Act 854). Businesses that manage NCII in Malaysia, including energy, telecommunications, transportation, and finance, must implement stringent controls for remote access, identity verification, and privileged account management.

Safous Privileged Remote Access helps your organization meet these demands by enforcing Zero Trust principles, controlling access at the application level, and delivering complete visibility into all privileged sessions.

How Safous Supports NCSB v1.1 and Act 854 Compliance

Clause / Section	Requirement	Safous Support
NCSB 3.7.4.3	Record and maintain configuration logs	Tracks admin/config changes; immutable logs for auditors.
NCSB 3.10.1–3.10.4	Network security policies, diagrams, controls, SIEM integration	Safous gateway centralizes remote ingress; eliminates the need for adding new firewall rules; full SIEM log export.
NCSB 3.11.1.1	IAM procedures must incorporate MFA	Enforces MFA before privileged sessions; integrates with SSO/SAML/OIDC.
NCSB 3.11.1.2–4	IAM procedures must be approved, monitored, and reviewed	Workflow approvals, dashboards, automated de-provisioning, and exportable audit evidence.
NCSB 3.11.2.1–3	Segregation of duties across roles	Fine-grained RBAC, access approvals, periodic SoD review.
NCSB 3.11.3.1–4	Password management aligned to best practices	Vaulting, rotation, brokered access (no password disclosure), immutable logs.
NCSB 3.12.1–3.12.2	Vulnerability management & assessment procedures	Restricts access only to patched/approved assets; posture checks; reporting.
NCSB 3.13.1.1–3	Establish, monitor, and review security monitoring	Supervised or approval-based sessions; session termination; full session logs and recordings for compliance reviews.
NCSB 3.14.1.1–3	Incident response procedures established, tested, reviewed	Provides one-click session kill, full recordings, forensic data for post-incident review.
NCSB 3.15.1–3.15.2	Business continuity & cyber exercises	Supports HA deployment; recorded sessions used in tabletop drills.

Clause / Section	Requirement	Safous Support
Act 854 – Sec. 22	Annual risk assessments; biennial audits; reports due in 30 days	Safous generates evidence packs, control mappings, audit-ready reports.
Act 854 – Sec. 23	Notify cyber incidents within 6 hours	Real-time alerts and exportable incident details (who/what/when/where).
Act 854 – Sec. 24	Participate in cybersecurity exercises as directed	Safous supports red/blue drills with controlled session evidence.
Act 854 – Sec. 25	Adhere to sector codes of practice	Safous aligns with NIST/ISO standards (IAM, PAM, logging, monitoring).
Act 854 – Sec. 35	Support incident investigations	Provides tamper-resistant logs, command histories, and video playback for investigators.

How Safous Meets NCSB Technical Controls for NCII Operators

Safous Privileged Remote Access offers:

Agentless deployment for easy implementation across OT, IT, and air-gapped environments

Browser-based access that eliminates the need for VPNs and minimizes attack surfaces

Seamless access for remote users and vendors without compromising system or data security

Built-in session approval workflows that help enforce policy controls before access is granted

Session logs and video recordings to support internal investigations and compliance audits

Centralized policy management across every environment for consistent security enforcement

Get Started With NCSB-Ready Privileged Remote Access

Safous Privileged Remote Access is built to help Malaysia's critical infrastructure operators stay compliant, secure, and operational – without having to overhaul existing systems.

Contact us today to see how Safous can help you meet NCSB technical control requirements for Malaysia's Cyber Security Act 2024 with an all-in-one privileged remote access platform.

EXPLORE SAFOUS