

ISO 27001 Mapping Guide

How TARA INNOVA Maps to ISO/IEC 27001:2022 Annex A Controls

What Is ISO 27001

ISO/IEC 27001:2022 is the international standard for information security management systems (ISMS). It is the most widely recognized security certification globally — required by most enterprise procurement processes, supply chain assessments, and regulatory frameworks. The 2022 revision restructured Annex A into 4 themes: Organizational, People, Physical, and Technological controls.

Annex A Control Mapping

TARA INNOVA provides technical evidence and enforcement for the following Annex A control areas:

Annex A Control	TARA INNOVA Coverage
A.5.7 — Threat intelligence	TI Cloud aggregates, validates, and scores threat intelligence from multiple sources. Selective adoption with confidence scoring. Privacy-preserving sharing.
A.5.23 — Information security for cloud services	Quicksand enforces traffic policies at your edge — data never leaves your infrastructure. On-premise and private cloud deployment options.
A.5.24 — Incident management planning	CRP auto-generates incident reports with classification, impact assessment, timelines, and remediation tracking.
A.5.25 — Assessment and decision on information security events	Quicksand evaluates every request against IP reputation, geographic origin, behavioral patterns, and threat intelligence. Sub-millisecond decisions logged.
A.5.26 — Response to information security incidents	Real-time blocking via Quicksand. Automated escalation. CRP documents full response chain from detection through remediation.
A.5.28 — Collection of evidence	CRP captures tamper-evident evidence at enforcement time. Immutable audit trail with synchronized timestamps and decision context.
A.8.1 — User endpoint devices	Quicksand validates device trust and session integrity for every connection. Fingerprint verification detects session hijacking.
A.8.9 — Configuration management	Quicksand Admin tracks all policy configurations with version history. Every change audited with attribution.
A.8.15 — Logging	All enforcement decisions logged immutably. CRP provides centralized log analysis and compliance-mapped reporting.
A.8.16 — Monitoring activities	Real-time dashboards across Quicksand, Oasis, and TI Cloud. Anomaly alerting. Continuous throughput and security metrics.
A.8.20 — Networks security	Quicksand provides L4/L7 inspection, rate limiting, geo-enforcement, and PoW challenges at network boundaries.
A.8.23 — Web filtering	URL pattern detection, exploit blocking, path traversal prevention, injection pattern detection.
A.8.26 — Application security requirements	Oasis enforces API contract validation, payload schema enforcement, and rate limits on application integration routes.

Certification Support

TARA INNOVA does not replace your ISMS — it provides the technical enforcement layer and evidence that auditors need to verify your controls are operational. During ISO 27001 certification or surveillance audits:

- **Statement of Applicability** — CRP maps evidence to your selected Annex A controls
- **Control effectiveness** — Quantified metrics: protection rates, response times, threat volumes
- **Continuous improvement** — Trend analysis across audit periods demonstrating security posture changes
- **Internal audit support** — Pre-formatted evidence packages for internal audit teams