

#1 Target

Manufacturing Ransomware

Global — 4 consecutive years (Sophos 2025)

\$1.01M

Avg. Recovery Cost India

Excl. ransom payment · Sophos 2025

181 Days

Avg. to Detect a Breach

241 days to fully contain · IBM 2025

TECHGUARD OT DEFEND

OT Security Assessment

Full audit of plant network, vendor portals, and remote connections. Every ICS entry path is mapped, risk-ranked, and documented with a prioritised remediation roadmap.

✓ **Complete attack surface mapped. Roadmap delivered in 2 weeks.**

PLC / SCADA Hardening

Systematic hardening of PLCs and SCADA: patch management, credential rotation, access whitelisting, and change management protocols for all operational technology.

✓ **Unauthorised commands blocked at the machine level.**

IT / OT Segmentation

We design and implement a hard security boundary between your office network and plant floor — enforced at switch and firewall level, not just policy.

✓ **Admin breach cannot reach production line or machinery.**

Incident Response Runbooks

Custom breach playbooks built for your facility — ransomware, OT compromise, data exfiltration. Your team knows exactly what to do in the first 6 critical hours.

✓ **CERT-In 6-hr reporting met. Plant resumption in 48 hours.**

Quick Self-Check

- Do you have real-time visibility into every vendor's access?
- Do you have real-time visibility into every vendor's remote access to your plant?
- Would you detect a privileged insider exfiltrating data today?
- Can you produce a CERT-In incident report in under 6 hours?

"No" = you have an open door.

Why TechGuard

- ◆ **Israeli OT methodology**
ERA IT Consulting & Audit (est. 2008) + Ariel University partnership
- ◆ **Local Coimbatore team**
On-site delivery — no international consultant travel costs
- ◆ **OT-specialist team**
Assessments built for industrial environments, not generic IT audits
- ◆ **Export compliance**
EU NIS2 & US buyer cyber-audit readiness built in

What Happens Without Protection — Real India Cases

Tata Technologies | Jan 2025

1.4TB stolen — Ford, McLaren & Airbus contracts. 730,000+ documents leaked.

Entry: Compromised credentials

Polycab India | Mar 2024

One infected workstation encrypted files across the entire organisation. ₹20 crore operational loss.

Entry: Single unprotected endpoint

Secure Your Assembly Line Today.

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Ariel University (Israel) | ERA IT Consulting & Audit | SNR Sons Charitable Trust | SREC | Promitei Ltd