

CRITICAL INFRASTRUCTURE

Where cyber risk and physical risk are the same risk

IT, OT, physical security, and the human layer governed as one connected system.

Operators of essential services carry risk that crosses the cyber-physical line by design. Apogee governs it as one connected system: the convergence of IT, operational technology, physical security, and the trusted workforce, led by senior practitioners who have held the decision in federal law enforcement and at Palo Alto Networks and Google Cloud.

WHAT'S DRIVING THE CONVERSATION

- **CISA directives and CPGs** · Cross-Sector Cybersecurity Performance Goals
- **OT / ICS exposure** · operational-technology and control-system risk
- **Sector regulation** · NERC CIP and TSA security directives
- **CIRCA reporting** · mandatory incident-disclosure readiness
- **Cyber-physical convergence** · IT and physical security as one surface
- **Insider and workforce assurance** · privileged access to essential systems

WHY INTEGRATED MATTERS HERE

In critical infrastructure a cyber compromise is also a safety event, a physical-security question, and a continuity-of-operations obligation, and the insider is the shortest path to all three. Apogee is built for exactly this intersection: Cyber-Physical Convergence is a core component of the practice, not a bolt-on, with workforce assurance governed alongside it.

RECOMMENDED ENTRY POINT

Ascend to Meridian. Start with a defensible cyber risk picture (from \$44,500, 6 to 10 weeks), then add the Cyber-Physical Convergence module. Step up to Meridian or Zenith when IT, OT, physical, and human risk must be operated as one governed program.

FRAMEWORKS APPLIED

NIST CSF 2.0

NIST 800-82 (OT/ICS)

IEC 62443

NERC CIP

TSA Directives

CISA CPGs

ISO 27001

COSO ERM

PROOF POINTS

State Judiciary · 3,000+

NIST CSF 2.0 assessment and remediation at enterprise scale.

Regional Health System

Ransomware and physical-access-control failure contained within 72 hours.

M.K. Palmore, Founder and Principal Advisor: retired FBI senior executive, CISSP, Carnegie Mellon CISO; former VP and Field CISO at Palo Alto Networks and cybersecurity executive at Google Cloud. Every engagement is delivered by named senior practitioners. The cyber-physical capability is anchored by Apogee's physical security practice and advisory board member Kasia Hanson, Physical Security, Cybersecurity, and AI.

Schedule a scoping conversation

information@apogeeglobalrms.com · (415) 251-5510

Apogee Global RMS · SDVOSB / DVBE / MBE
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