DENEXUS | FORESCOUT | paloalto NETWORKS

64 facilities | Americas | ~7,600 MW

CASE STUDY

Better Together: Continuous Cyber Risk Quantification Meets OT Visibility

DeNexus™ | DeRISK CRQ v5 | DeRISK QVM v5 | With Forescout

THE CUSTOMER

A leading renewable energy company with 64 industrial facilities in the Americas: 31 wind plants and 33 solar plants totaling ~7,600 MW.

THE CHALLENGE

Over 10,576 CVEs, but no way to express exposure in dollars. No common risk metric across 64 facilities. Forescout eyeInspect was deployed, but its financial impact was unquantified. Four mitigation projects competed with no ROI ranking.

THE SOLUTION

DeRISK™ CRQ v5 ingested Forescout asset and CVE data, plus Palo Alto Networks firewall telemetry (11 of 64 facilities). It turned them into quantified financial risk, MITRE ATT&CK-mapped attack vectors, CVE prioritization by financial exposure (DeRISK QVM v5) and mitigation ROI simulation across a 5-quarter cycle.

BETTER TOGETHER

Forescout eyeInspect: asset inventory, CVE detection, network behavior; Palo Alto Networks firewall telemetry.

DeRISK CRQ v5 + QVM v5: EL, VaR, mitigation ROI; CVEs ranked by financial exposure.

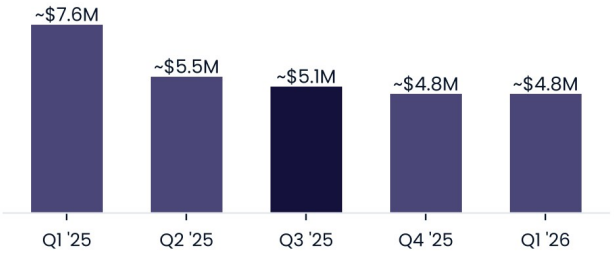
Together: see, quantify, prioritize, prove. Visibility alone does not reduce risk.

MITIGATION ROADMAP (AEL REDUCTION)

Program	AEL	
2025: Active Directory + PAM for OT	7.5%	
2026: Disaster recovery + endpoint hardening	+10.7%	
Combined 2-year program	18.2%	~$1.4M/yr

Insured limit reduced by ~$6.4M, to ~$20.2M post-mitigation. Simulated in the DeRISK Scenario Simulator, running on DeRISK CRQ v5.

KEY RESULTS: AEL OVER 5 QUARTERS



AEL ~$7.6M to ~$4.8M, -38% | VaR 95th ~$27M | VaR 99th ~$59M

10,576
Total CVEs
389 distinct, 83 risky

79%
Risk from top 5 CVEs
20 in CISA KEV

~89%
Productivity + downtime
share of expected loss

THE BIGGER PICTURE

64 facilities assessed, benchmarked against industrial peers by sector and technology. Large solar (5 facilities) carries 56.7% of portfolio AEL.

NEXT STEPS

- Complete Forescout telemetry for all remaining facilities
- Expand Palo Alto Networks firewall data from 11 to all 64 facilities
- Use DeRISK QVM v5 to track CVE remediation and its financial effect

STRATEGY

Mitigate, **transfer** or **accept** each risk with dollar-based evidence.

Glossary **EL / AEL** Annual Expected Loss: the most probable annual cyber loss in dollars. **VaR** Value at Risk: loss expected once per 20 years (95th) or 100 years (99th). **BCP** Business Continuity Plan. **CMP** Crisis Management Plan. **CRQ** Cyber Risk Quantification. **OT** Operational Technology.

About Forescout Forescout is the only automated cybersecurity vendor with a single platform for continuously identifying and mitigating risk across all managed and unmanaged assets – IT, IoT, IoMT and OT – from campus to data center to edge. For more than 20 years, we have delivered cybersecurity innovations that protect many of the world's largest, most trusted organizations in finance, government, healthcare, manufacturing and other industries. The Forescout Platform delivers comprehensive capabilities for network security, risk and exposure management, and extended detection and response. With seamless context sharing and workflow orchestration via ecosystem partners, it enables customers to more effectively manage cyber risk and mitigate threats. www.forescout.com

Forescout sees the network. DeRISK CRQ v5 counts the cost. Together, the full picture. **denexus.ai**

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