Strengthening Cybersecurity for a Leading Infrastructure Investment Trust

About the Customer

The customer is a prominent infrastructure investment trust specializing in highway development and management across India. With a growing portfolio covering thousands of lane kilometers, numerous operational toll plazas, and projects distributed across multiple states, the organization plays a crucial role in national transportation development. The trust is supported by leading institutional investors and maintains top-tier credit ratings, underscoring its focus on operational excellence, compliance, and long-term value delivery.

Industry	Infrastructure Investment / Transportation
Challenge	Securing complex infrastructure operations and ensuring compliance across diverse projects
Solutions Used	Invinsense XDR, XDR+, OXDR, GSOS

The Challenge

As the organization expanded and integrated digital systems into its operations, several challenges emerged:

- Protecting sensitive operational and financial data across geographically distributed assets
- Ensuring compliance with ISO 27001 and other relevant regulations
- Detecting and responding to threats within a resource-constrained IT environment
- Managing risk across multiple infrastructure partners and third parties
- Maintaining uninterrupted operational continuity across highway and toll operations

The Invinsense Solution

To address these complex security and compliance challenges, the organization deployed Invinsense's full-stack cybersecurity platform to gain control, visibility, and proactive threat defense.

Invinsense XDR: Unified Threat Detection Across Operations

Invinsense XDR provided centralized monitoring and correlation across all infrastructure operations, from toll systems to enterprise resource platforms.

Key Outcomes:

- 68% faster detection of security incidents
- Immediate alerts on unauthorized access attempts
- Enhanced visibility into security events across all assets
- Significant reduction in false positives for faster triage

Invinsense OXDR + CTEM: Proactive Exposure Management

With OXDR and the Continuous Threat Exposure Management (CTEM) framework, the trust achieved visibility and prioritization of cyber risks before exploitation

CTEM Process and Outcomes:

Scoping	• Identified over 3,000 digital assets including tolling, financial, and SCADA systems
Discovery	• Uncovered 200+ exposed endpoints and vulnerable configurations
Prioritization	• Risk-ranked assets based on data sensitivity and criticality
Validation	• Simulated real-world attacker scenarios to test resilience
Mobilization	• Achieved remediation of 90% of exposures in under 15 days

Resulting in:

- 4.6x faster closure of critical vulnerabilities
- 70% drop in misconfigured systems
- A measurable reduction in operational cyber risk

Invinsense XDR+: Advanced Threat Detection with Deception

XDR+ deployed deception layers across core systems, enabling early detection of sophisticated threat actors.

Impact:

5.9x improvement in detection of stealthy threats	Identification of lateral movement and insider threats	Use of decoys to trap and analyze malicious behavior	Strengthened threat intel used for defense tuning

Key Result

- 68% faster detection of security incidents
- 4.6x improvement in vulnerability remediation timelines
- 95% alignment with ISO 27001 and industry-specific compliance requirements
- 5.9x increase in early threat identification through deception technology

Executive Insight

"Invinsense has helped us unify cybersecurity across our infrastructure operations. The visibility, control, and compliance it delivers are foundational to how we operate in today's risk environment."

Chief Information Security Officer, Infrastructure Investment Trust

Invinsense GSOS: Continuous Compliance Assurance

GSOS ensured ongoing compliance with ISO 27001 and infrastructure-sector best practices, automating and streamlining governance efforts.

Compliance Impact:

95% alignment with ISO 27001	65% reduction in manual audit and reporting efforts	Continuous controls monitoring for ongoing audit readiness

Quantifiable Impact

Area	Improvement
Threat Detection Speed	↑ 68% faster
Vulnerability Remediation Efficiency	↑ 4.6x improvement
Regulatory Compliance Alignment	↑ 95% achieved
Early Threat Identification	↑ 5.9x increase
Incident Response Time	↑ Significantly optimized

Conclusion

By adopting Invinsense's integrated cybersecurity platform, this infrastructure investment trust achieved better threat detection, risk reduction, and compliance management across a wide range of projects. The solutions empowered them to stay ahead of evolving cyber threats while confidently scaling secure infrastructure nationwide.

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About Infopercept - Infopercept is one of the fastest growing comprehensive cybersecurity companies in India, serving global clients. It provides platform led managed security services that covers all areas of cybersecurity, including defensive, offensive, detection and response, and security compliance. Infopercept has its own cybersecurity platform, 'Invinsense,' which integrates tools such as SIEM, SOAR, EDR, deception, offensive security, and compliance tools. Its cybersecurity and MDR services include dedicated teams of experts, ensuring that organizations have 24x7 cybersecurity operations support.

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