# Fortifying Digital Classrooms: How a Leading EdTech Firm Secured Its Learning Platforms with Invinsense

## About the Customer

A globally active EdTech organization headquartered in India, this company provides research-backed learning and assessment solutions tailored to K–12 students. With a presence in more than 18 countries, its mission is to reshape traditional education through a technology-first approach that blends cognitive science, data-driven insights, and personalized learning paths.

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| Industry | Educational Technology (EdTech) |
| Challenge | Safeguarding sensitive student data and achieving compliance across global learning platforms |
| Solutions Used | Invinsense XDR, XDR+, OXDR, GSOS |

## The Challenge

As the company scaled its digital footprint across continents, its cybersecurity team faced mounting challenges:

- Securing vast amounts of sensitive student data across diverse geographies
- Protecting multiple learning platforms and backend systems
- Meeting international compliance requirements including ISO 27001 and SOC 2
- Addressing limited visibility into cross-platform threats
- Reducing response time to misconfigurations and attack simulations

# The Invinsense Solution

To counter these challenges, the customer implemented the Invinsense suite, empowering their security team with real-time visibility, proactive defense mechanisms, and streamlined compliance reporting.

### Invinsense XDR: Visibility and Speed in Threat Detection

By integrating all security telemetry into one pane of glass, Invinsense XDR provided actionable insights across user behavior, application anomalies, and system events.

## Key Results:

- 72% faster detection of unauthorized or unusual access patterns
- Centralized alert management and automated case handling
- Reduction in false positives by 58%

### Invinsense OXDR + CTEM: Continuous Threat Exposure Management

The company adopted Invinsense OXDR to implement a CTEM program, helping them discover, validate, and fix exposures before threat actors could exploit them.

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| Scoping | • Mapped 12,000+ digital assets including applications, APIs, and user portals |
| Discovery | • Detected over 400 vulnerabilities and weak configurations |
| Prioritization | • Ranked findings based on potential student data impact and business criticality |
| Validation | • Simulated breach attempts to validate exposure severity and response effectiveness |
| Mobilization | • Coordinated patching and code fixes, remediating 92% of exposures within 20 business days |

### Key Result

- 72% faster detection of anomalous activities
- 6x acceleration in vulnerability remediation
- 96% alignment with ISO 27001 and SOC 2
- 7x boost in early threat detection via deception technology

### Executive Insight

"Invinsense has allowed us to move from reactive defense to proactive control, enabling us to focus on secure innovation across our learning platforms."

— Chief Information Security Officer, Leading EdTech Company

## CTEM Outcome:

- 6x faster remediation compared to baseline
- 75% reduction in recurring misconfigurations
- Strengthened attack surface resilience

### Invinsense XDR+: Advanced Threat Detection with Deception

To detect lateral movement and insider threats, Invinsense XDR+ deployed decoy credentials and environments that captured threat behavior early in the kill chain.

## Outcomes:

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| 7x increase in detection of low-and-slow attack techniques | Identified two previously unknown lateral movement attempts | Gathered threat intel used to harden production environments |

**Invinsense GSOS: Enabling Global Compliance**

With expanding operations, maintaining compliance with global data protection and infosec frameworks was critical. GSOS provided automated workflows, control mapping, and continuous monitoring.

### Compliance Achievements:

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| 96% alignment with ISO 27001 and SOC 2 readiness goals | Reduced manual compliance reporting by 68% | Enabled audit-ready documentation across departments |

## Quantifiable Impact

| Category | Improvement |
|---|---|
| Threat Detection Time | ↑ 72% faster |
| Remediation Cycle Time | ↑ 6x faster |
| Compliance Readiness | ↑ 96% alignment with ISO & SOC 2 |
| Early Threat Identification | ↑ 7x increase |
| Misconfiguration Recurrence | ↓ 75% reduction |

## Conclusion

By embracing the Invinsense platform, this forward-thinking EdTech company successfully reduced risk, increased threat visibility, and ensured continuous compliance—setting a new benchmark for secure digital education.

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