

CMS IT Services' Integrated Security at the Edge and 24x7 MDR services creates Zero Downtime for the largest Engineering and Manufacturing enterprise in India



CUSTOMER

The customer is the largest engineering and manufacturing enterprise in India in the energy and infrastructure sector with the capability to manufacture the entire range of power plant equipment. Manufacturing over 180 products under 30 major product groups and catering to the Indian economy's core sectors like power generation and transmission, industry, transportation, telecommunication, defence and aerospace, oil & gas, and renewable energy, the wide network of the company's 17 manufacturing divisions, four Power Sector regional centres, over 100 project sites, eight service centres, 18 regional offices, and more than 32000 employees enable them to promptly serve their customers and provide them with suitable products, systems, and services.

THE CHALLENGE

















The customer deploys multi-layered protection for its IT assets and data, with state-of-the-art security features such as firewalls at Internet gateways, secured email gateways integrated with an on-premise sandboxing solution and end-point protection. All Internet traffic going in and coming out of customer's IT environment is monitored through a Cyber Security Operations Centre (C-SOC) integrated with Global Threat Intelligence. User awareness and sensitization are continuously ensured through interventions like phishing simulation exercises, training programmes, communications etc. across the company. Compliance with security advisories from agencies like the Indian Computer Emergency Response Team (CERT-In) and the National Critical Information Infrastructure Protection Centre (NCIIPC) is ensured.

While monitoring and protecting all the endpoints deployed across customer locations through central deployment, the client wanted CMS IT Services to deliver Security At The Edge and a Managed Detection and Response solution to address the following challenges:

- >24000 end-point devices and > 600 servers
- > 30 locations across India
- 24x7 Managed Detection and Response Services
- Log migration of existing solution to the new one without any loss of data
- Training services and Security at the Edge Services

THE SOLUTION

To address this complex scenario, CMS IT chose a 16- point integrated set of Security at The Edge and Managed Detection and Response Services. The comprehensive set comprised of:

 Malware Protection	 Web Reputation	 Browser Exploit Protection	 Outbreak Prevention
 Sandbox Integration	 Device and Application Control	 Data Leakage Prevention	 Data Exfiltration Detection
 Behavioural Monitoring	 Log Management	 Threat-Intel & AI/ ML Integration	 Role-based Access Control (RBAC)
 Integrated Incident Response	 Endpoint Detection and Response	 Reporting and Dashboards	 Project and Program Governance




BENEFITS

CMS IT Services' Solution ensured 10 solid benefits to the customer

 100% flawless migration and integration	 24x7 Managed Detection and Response	 Integrated response with ZERO downtimes
 Outstanding detection and fewer false positives	 Detailed root cause analysis	 Context-aware custom detection, intelligence, controls, recording and detailed reporting
 Regulatory compliance	 Proactive User Alerting	 Malware Damage rollbacks
	 Robust Project and Program Governance	



We are a leading provider of System Integration and Managed Services. As one of India's top IT Services firms, we offer an integrated portfolio of products, solutions and services, built around Automation, Cloud, Cybersecurity & Digital. Currently, CMS IT Services has over 6500 employees and serves more than 300 leading enterprises across key industries.

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