



OSE (Optimized System Engineering)

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2

PRODUCTS

4

SERVICES

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as of 20 August 2026



OSE (Optimized System Engineering)

Optimized System Engineering (OSE) designs and manufactures automated test systems, product engineering solutions, IoT solutions, and AI-driven automation. The company has over 20 years of expertise and serves government institutions and Fortune 500 companies. OSE has contributed to India's Lunar Mission and Mars Orbiter Mission by deploying Automated Test Systems and Detector Characterization Systems for ISRO. They also contributed to IRNSS/NavIC. OSE designs and manufactures serializers and deserializers for space and aerospace applications, and specialized RF testing modules. They have transferred ISRO technology and produced Video Switching Modules for India's fighter aircraft. The company has expanded globally by exporting industrial test equipment to the Middle East and Africa and has a subsidiary in the USA. OSE holds AS9100D certification and adheres to IEC, CE, and APC standards. They have also developed solutions for ITER, oil exploration, and power plants, and secured a patent for wireless energy monitoring.

This profile is generated from the live NewSpace Market catalogue. Specifications are as published by the manufacturer; every product links to a page where a request for quotation reaches the company directly.

Services

End-to-End Technology Solutions We provide comprehensive technology solutions, including automated test systems, product engineering, IoT, and AI-driven automation.	Process Lifecycle Management Seasoned technocrats oversee projects to ensure flawless execution and steadfast management of the process lifecycle.
Product Testing and Certification We rigorously test products against international standards like IEC, CE, and APC to ensure quality and compliance.	Strategic Idea Development Partnership We collaborate with customers from the initial idea phase, providing expertise throughout development to align product and process.

Product catalogue



OSE (OPTIMIZED SYSTEM ENGINEERING)

Command Data Modem (CDM)

The Command Data Modem (CDM) is a robust, high-performance communication system for real-time command transmission and telemetry reception between ground control stations and remot

price on request

OSE (OPTIMIZED SYSTEM ENGINEERING)

OSE Satellite Systems Engineering Consultancy

Optimized System Engineering (OSE) provides satellite systems engineering consultancy and technical advisory services for space mission development.

Services

Systems engineering
consultancy

price on request

Contact OSE (Optimized System Engineering)

Open the company profile on NewSpace Market to see full specifications and datasheets, and to send a request for quotation that reaches the manufacturer directly.

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