



EngineeringEdge[®] NextGen



Leidos customers expect high-quality products that meet their requirements and are delivered as promised — on schedule, at the estimated cost, and with minimal risk. Leidos developed EngineeringEdge[®] NextGen to estimate, plan, manage, execute, monitor, and control work performance and deliverables across the entire project and product lifecycle. It provides a low-risk, cost-efficient, and flexible approach to enable innovation and quick responses.

OUR APPROACH

EngineeringEdge NextGen is a flexible, dynamic, standard methodology for planning and performing all of the essential activities of a project lifecycle. We tailor its application based on project characteristics (e.g., size, complexity, and domain) by leveraging our proven asset library that contains over 50 years of experience and lessons learned. EngineeringEdge NextGen optimizes and enhances project management and execution across our enterprise, improving schedule performance and product quality. It combines industry standards, models, and best practices with automation to deliver a stand-alone solution that optimizes work processes, reduces project costs at all levels, and mitigates risk across the project and product lifecycle.

By integrating with other tools like model-based systems engineering, software development, and risk management tools, and our Common Audit Database, EngineeringEdge NextGen provides a robust, streamlined solution. Leidos maintains the following external accreditations facilitated by the implementation of EngineeringEdge NextGen: ISO 9001:2015, ISO 20000-1:2011, ISO 27001:2013, AS9100 Rev D, CMMI-DEV Maturity Level 3 and CMMI-SVC Maturity Level 3.

OUR CAPABILITIES

EngineeringEdge NextGen is a standard process methodology that offers full project execution and product lifecycle management for projects of all sizes and all levels of complexity. It integrates project and technical management during all phases of planning, design, development, and delivery of products and services.

Built on and enhanced through quality management principles, including a proactive customer focus, a process-based approach, and continual improvement, EngineeringEdge NextGen offers a mature, rich, and comprehensive collection of proven management and technical processes for project execution and product management. We continually improve it by actively reviewing customer feedback, project and process performance, evolving industry standards, and emerging technological innovations.

FEATURES	BENEFITS
Identifies relevant processes based on customer requirements and project characteristics and is dynamic and flexible enough to accommodate changing requirements and project/product goals throughout the lifecycle.	Reduces cost and minimizes overall project timelines and the product lifecycle through automated process optimization.
Scales efficiently based on project or product scope, sizes, and domains.	Decreases implementation time of right-sized solutions based on optimized process assets.
Allows only relevant processes to be enabled based on unique customer and project characteristics.	Reduces costs by implementing only what's needed for each customer.
Incorporates a full range of management lifecycle models and integrates with existing processes required by every customer and project.	Minimizes project and product risk through best practice models and process assets.
Process assets and methodology implementation allow for better process standardization across entire organizations.	Improves schedule performance and quality, and reduces process risk across the organization.
Optimizes and enhances processes based on recognized industry standards and models, including CMMI ML4, ISO 9001, ISO 20000-1, AS 9100, ISO 15288, and the INCOSE Systems Engineering Handbook.	Empowers Leidos with quality accreditations in ISO 9001:2015; ISO 20000-1:2011; ISO 27001:2013; AS 9100 Rev D, CMMI-DEV ML3 and CMMI-SVC ML3, reducing risk exposure across the entire organization.
Integrates standard management methodologies and models into all functions, including planning, monitoring and maintenance, reporting, escalation, and more.	Facilitates project communication and collaboration across all levels of the organization, and every phase of a project or product lifecycle.

PROVEN SUCCESS

Leidos has been using EngineeringEdge NextGen to deliver projects to our customers for decades, enabling us to develop solutions and manage projects of all sizes, scopes, and complexities more efficiently and with less risk.

EngineeringEdge NextGen has been tailored and implemented to deliver innovative solutions in areas such as Enterprise Information Technology Modernization; Cyber Operations; Mission Software Systems; Sensors and Phenomenology; Mission Support Flight Hardware and Services; Airborne Integration and Ground Processing Systems; Geospatial Data; Mechanical Equipment Repair; Hydrographic Analysis; Chemical, Biological, Radiological and Nuclear Defense (CBRND) Protection and Treatment; and Health Systems.

WHY PARTNER WITH LEIDOS?

EngineeringEdge NextGen is a flexible, dynamic, and robust solution tailored to each customer's needs and every project, no matter the scope, scale, or complexity. It provides our customers with confidence that we are executing in accordance with a mature methodology based on decades of experience and industry best practices.

FOR MORE INFORMATION

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