Systecon

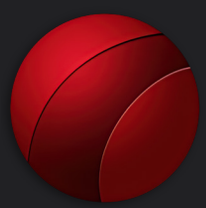
by Systecon opus suite

# Analysis-driven Life Cycle Management

MORE INFO

## Data Driven Readiness | Life Cycle Cost Effectiveness | Logistic Support Optimization

Analytical Life Cycle Management supports data driven decision making in all phases of a system's life cycle. It is a key capability in the design of a logistic support solution, evaluation of the logistic properties of a system, or in the comparison of different support solutions or technical systems. Every day, Systecon and our software Opus Suite contribute to informed decisions and cost-effective solutions in research, development, production, procurement and operations in hundreds of companies and government authorities in more than 20 countries on five continents.



OPUS10

### Strategic Optimization of Spares & Logistics Support

OPUS10 is state of the art for strategic cost-effective optimization of maintenance concepts, spares and logistics support for a fleet of technical systems (or systems of systems). OPUS10 also delivers invaluable decision support when comparing alternative systems, configurations or support solutions. Its cutting-edge algorithms provide fast reliable answers even for complex scenarios.

SIMLOX

### Simulation of Operations & Logistics Support Effectiveness

SIMLOX is ideal for simulating and ensuring the ability of a system fleet and its support solution to meet operational objectives. Its comprehensive model allows "digital twin" representations of systems, operations and support, and its fast realistic simulations give crucial foresight into what performance to expect, and how to maximize it by tweaking design and logistics support solution.

CATLOC

### Cost Control Through the Entire Life Cycle

CATLOC is perfect for predicting cost and revenue for technical systems during their life cycle (or any other time period), and for estimating economic consequences of key decisions on system design, operations and logistics support. Costs can be analyzed on aggregate level or drill down detail, and distributed over e.g., time, location, equipment or tasks. It is ideal for analyzing LCC, cost drivers and financial risk.

EVO

### Tactical Optimization of Dynamic Scenarios

Opus Evo provides tactical and operational optimization of spares and maintenance equipment. Using evolutionary algorithms and simulation, it accommodates detailed models of systems, support and operations, including dynamic aspects and variations over time. This is an ideal approach for optimizing support kits for deployed operations or optimizing the use of the annual maintenance budget.

CONNECT

### Integration & Data Ingestion

Opus Suite Connect simplifies the task of ingesting data to create and populate Opus Suite Models. The time spent on data ingestion can be reduced by 80% using Opus Suite Connect, making it ideal for repetitive runs or analyses with updated data or multiple product breakdown revisions in Opus Suite. It supports several standard interfaces for system integration.

INSIGHTS

### Business Intelligence & Visualization

Opus Suite Insights provides powerful visualizations and dashboards for effective communication, understanding and decision support. It is a Business Intelligence tool for LCM that makes it easy to share your Opus Suite analysis results directly with a broader audience and stakeholders.

### About Systecon

For over 50 years Systecon has developed methods and software that allow organizations across the globe in different industries, from defense to renewables to transport, to make informed, smarter decisions in life cycle management. We have the methodology, tools and experience to understand and analyze the factors that affect your performance and costs of a fleet of technical systems – e.g., aircraft, trains or wind turbines – and to optimize operations, system design and maintenance solutions based on your conditions and objectives. Today Systecon is a thought leader in analytical LCM and some of the world's most complex technology projects rely on our tools and expertise.

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