

# Agenda 2024

Stockholm Waterfront Congress Center, Nils Ericsons Plan 4, Stockholm

## TUESDAY 9<sup>TH</sup> APRIL

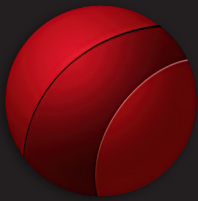
<b>08:15</b>	Registration Opens, Arrival Refreshments, Coffee and Sandwiches Served	
09:00	<b>Introduction and Welcome</b>	Mikael Löfgren and Dan Andersson, Systecon
09:15	<b>Keynote: Analysis-driven LCM – A Prerequisite To Win Any War</b>	Rear Admiral Thomas Engevall, Former Chief of Defence Logistics in the Swedish Armed Forces
09:45	<b>Guest Speech - Life Cycle Management in NATO</b>	Thomas Espelund Pedersen, M.Sc, Ph.D., Chief Consultant, Danish Defence Acquisition and Logistics Organisation (DALO)
<b>10:15</b>	Morning Refreshments, Networking and Systecon Hot Spot	
10:45	<b>Let's Talk Data!</b> - Data Challenges During the Life Cycle - How Data Collection Works - Use Case: Project F126 at Damen Naval	Anders Carlsson, Systecon Konsult Younes Lousseief, Systecon Magnus Andersson, Systecon
<b>12:00</b>	Lunch, Networking and Systecon Hot Spot	
13:15	<b>The Journey of Opus Suite Towards Tomorrow's Solutions</b>	John Josefsson, Systecon
13:30	<b>Improved Support for LCM Analytics</b>	Ahmed Hatem, Systecon
14:00	<b>Optimization of Mission Success in a Dynamic Scenario With Multiple Constraints, Powered by Opus Evo</b>	Olle Wijk, Systecon
<b>14:30</b>	Afternoon Refreshments, Networking and Systecon Hot Spot	
15:00	<b>Life Cycle Management Use Cases</b> 1. Extending the Scope of LCM Analysis 2. Capability Improvements on "Malmbanan"	Patrik Alfredsson, Systecon Matias Rauma, Systecon Konsult
15:50	<b>Summary and Wrap-up</b>	Mikael Löfgren, Systecon
<b>16:00</b>	End of Conference, Join Us for Drinks & Mingle	

# Analysis-driven Life Cycle Management



**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 designing a logistic support solution, evaluating the logistic properties of a system, or comparing 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 solutions.



**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 period) and estimating the economic consequences of key decisions on system design, operations, and logistics support. Costs can be analyzed on an 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 systems, support, and operations models, 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.