

RELEASED FEBRUARY 2013

## WHAT'S NEW IN THE OPUS SUITE



# New releases of OPUS10, SIMLOX and CATLOC

**New versions of all three tools in the Opus Suite are now available. As the tools are increasingly integrated and a growing number of clients use more than one tool, it is logical to coordinate their development and release. Many of the enhancements are implemented across the Suite, and there are also significant tool-specific improvements.**

### Quality, usability and new modeling capabilities

An important focus during the development has been the consolidation and quality assurance of the program code. The functionality upgrades include an improved task model where, for example, mission reliability and damage can be described per failure mode, an extended model for pre-living of items and a new, scheduled, reorder policy for discardable and partially repairable items. The import of SIMLOX results to CATLOC has been improved, as well as the usability and navigation.

### Continuous customer driven development

The Opus Suite is used by industry leaders worldwide to provide qualified decision support in systems and logistics engineering. It is continuously developed and improved based on feedback from our users as well as evolving best practices and advancements in algorithms and computational capability. Customers with an active upgrade and support agreement receive new versions at no additional cost.

### Key enhancements

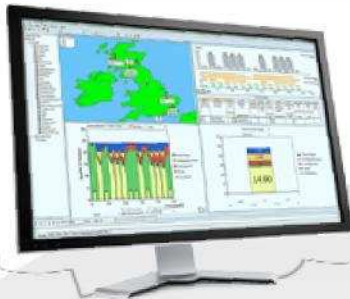
- ✓ New time-based reorder strategy with scheduled reorders in OPUS10 & SIMLOX
- ✓ Enhanced result table view in OPUS10
- ✓ Multiple files managed with a single command
- ✓ Extended pre-life model in SIMLOX
- ✓ Mission specific modeling of failure mode frequency and criticality in SIMLOX
- ✓ Damage may be described by failure mode in SIMLOX
- ✓ New parameter cleanup functionality in CATLOC
- ✓ Improved import of SIMLOX results to CATLOC
- ✓ Improved quality and stability
- ✓ Improved navigation and usability

# Opus Suite enhancements

The following enhancements are implemented in all three tools:

- ✓ Program code has been reviewed and consolidated for compatibility, stability and quality
- ✓ Multiple files/cases can be managed with the single commands: Calculate all, Save all and Close all
- ✓ External control of the tools with command line options has been extended
- ✓ Software license management has been improved
- ✓ Other improvements to navigation and usability include:
  - New descriptive icons for several menu commands
  - Improved "Find" - dialogue
  - Context sensitive help in all dialogues

In addition to the enhancements above, a number of tool specific improvements have been made:



## New functionality in SIMLOX v6

- ✓ Pre-living has been extended to include items that are installed in a system
- ✓ Failure mode frequency and criticality may be different for different mission types
- ✓ Consequences of damage can be described in terms of failure modes
- ✓ More detailed results per failure mode and preventive maintenance task
- ✓ Time-based reorder strategy with scheduled reorders is a new alternative to the traditional stock level based strategy



## New functionality in OPUS10 v9

- ✓ The interactive Result Table view, introduced in version 8 as a complement to the report generator, has been extended and improved
- ✓ Time-based reorder strategy (same as SIMLOX, see above)
- ✓ On-line Help and Users Reference have been upgraded and integrated



## New functionality in CATLOC v7

- ✓ The new detailed results in SIMLOX v6 can be imported directly to CATLOC and used in the LCC calculation
- ✓ Parameter cleanup functionality for finding and removing unused values
- ✓ User documentation has been both upgraded and integrated (same as OPUS10, see above)

*More complete descriptions of enhancements and changes are offered in the News documents for the new versions. These are included in the delivery but may also be provided upon request. Contact Systecon or one of our representatives for a copy.*