

Release 2022 R1 Highlights

Ansys ModelCenter



What's New – Overview

Product Repackaging

- New licensing levels: Pro, Premium and Enterprise
- Makes it easier for customers to begin their MBSE journey

Behavioral Execution Engine

- New and powerful Behavioral Execution Engine allows customers to execute SysML state machine diagrams in DS CATIA MagicDraw to verify system behavior.
- Available in ModelCenter Enterprise

NEW Plugins for HFSS, optiSLang, and Minerva

- New Plug-Ins make it easier to automate and integrate other Ansys tools into ModelCenter workflows.

Ansys Licensing

- ModelCenter will utilize Ansys licensing, making it consistent with other Ansys products

Product Repackaging

Pro

Premium

Enterprise

Automation & Integration

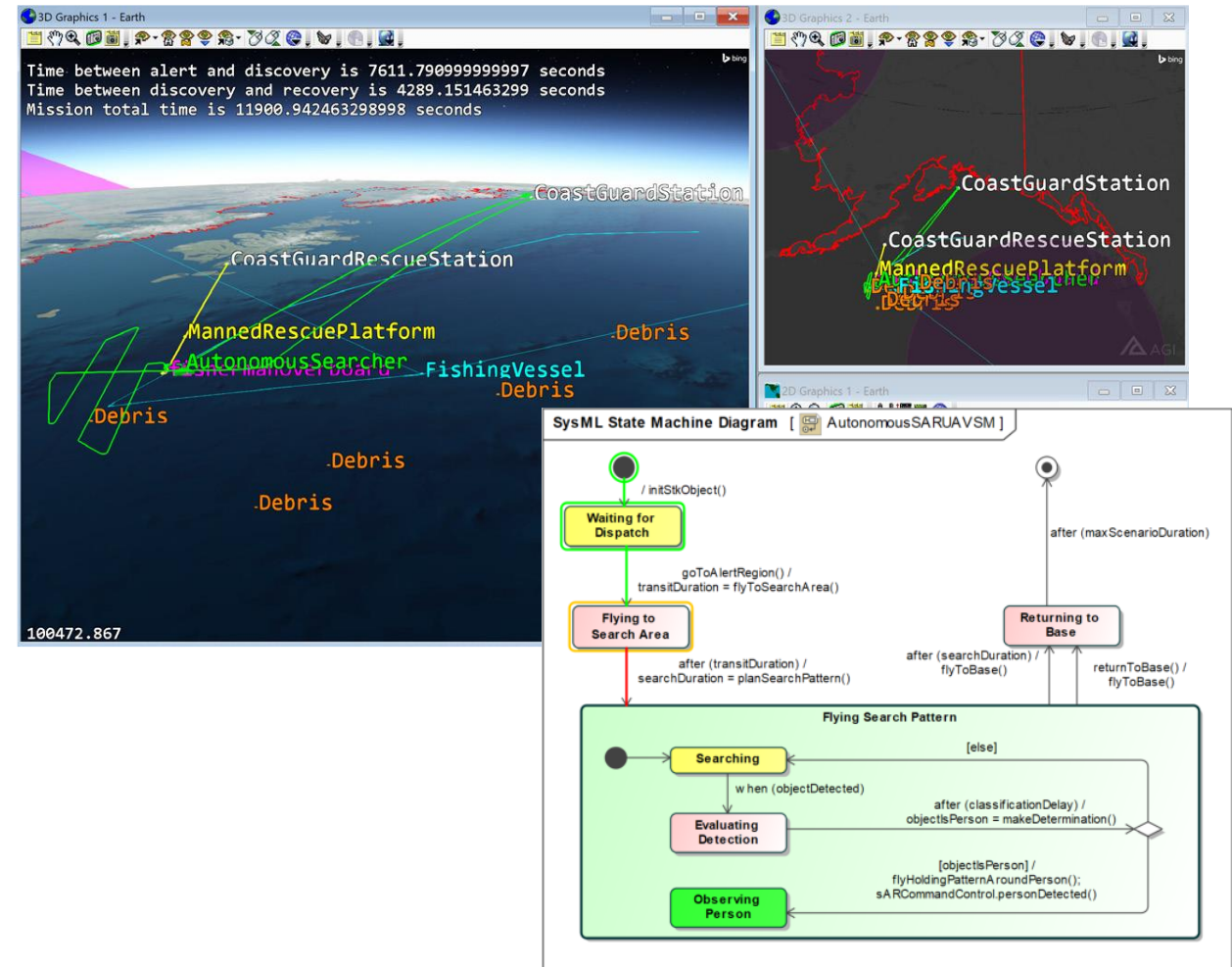
Model Based Systems Engineering (MBSE)

Design Exploration

Behavioral Execution

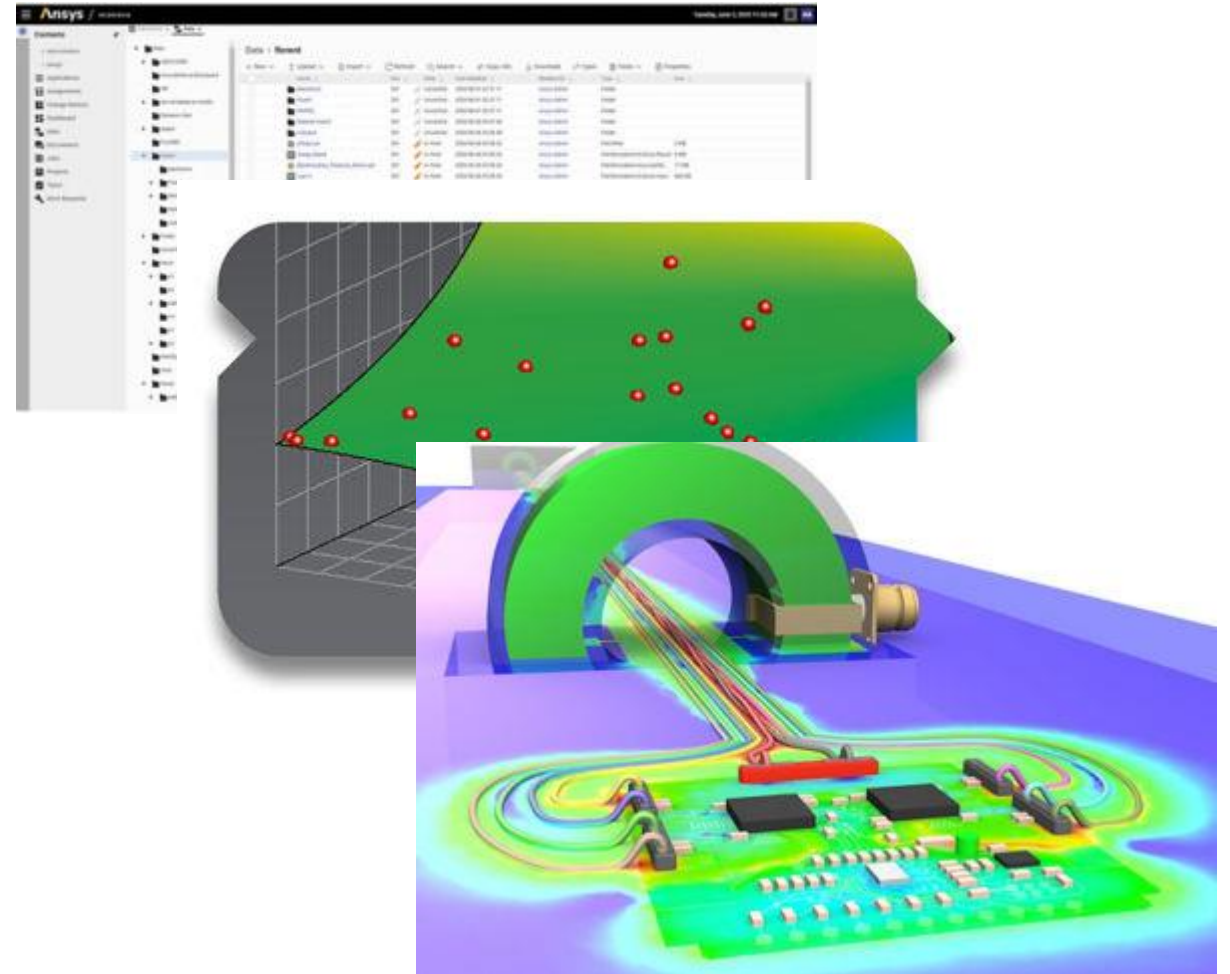
Behavioral Execution Engine

- Efficiently execute SysML state machine diagrams
- Connect analysis to the state machine diagrams, resulting in high-fidelity system simulations
- Allow engineers to accurately verify system behavior and performance early in the design cycle, helping to reduce costs and design better products.



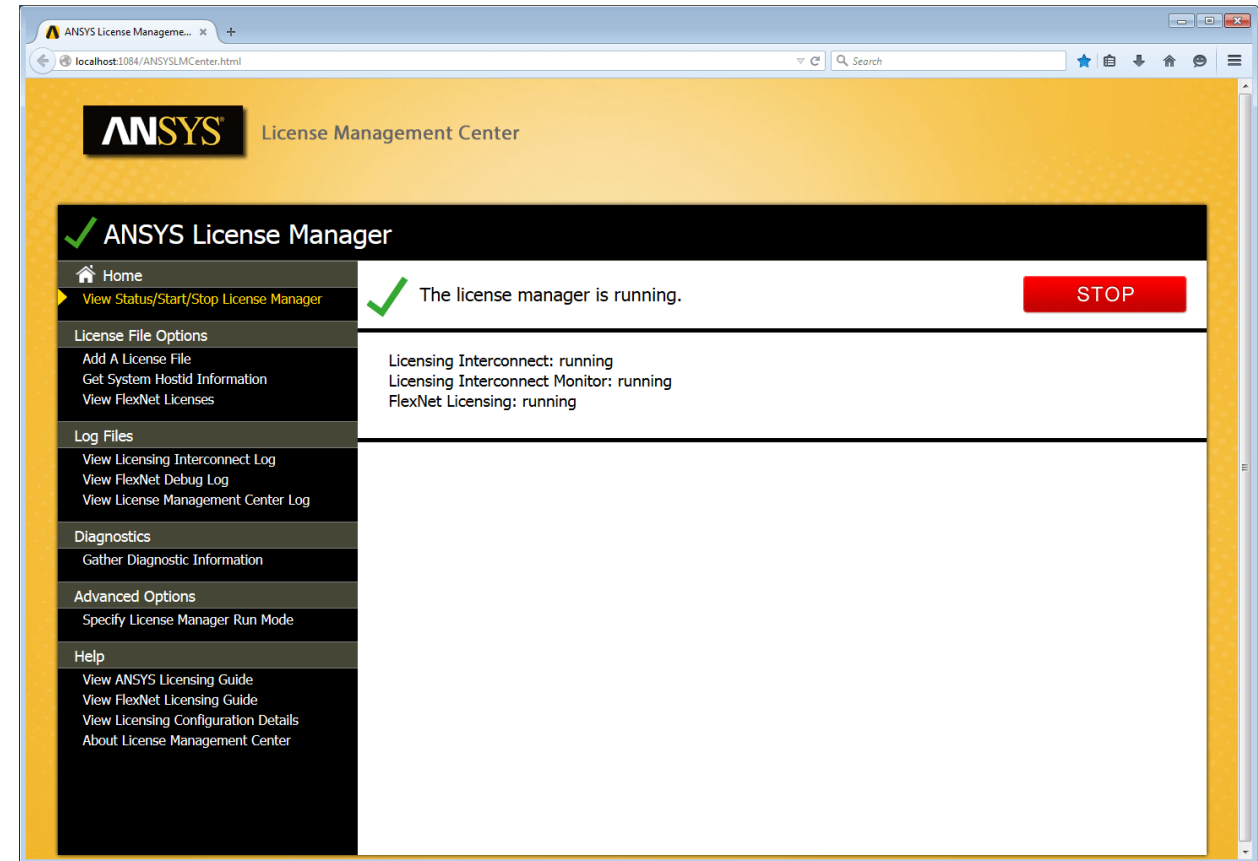
New Plug-Ins for HFSS, optiSLang, and Minerva

- Included in R1 2022
- More easily automate and integrate other Ansys tools into ModelCenter workflows
- Connect Systems Architecture Models (SAM) to hi-fidelity engineering tools and physics-based solvers to verify requirements
- Create detailed digital threads to improve the product design process



ModelCenter on Ansys Licensing

- Making ModelCenter consistent with other Ansys products



The Ansys logo consists of a yellow slanted bar followed by the word "Ansys" in a bold, black, sans-serif font.

Ansys

