

# AUTODESK® SIMULATION COMPOSITE ANALYSIS 2014

## Release Notes

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### New Features and Enhancements

- 1. Support for Satin Weaves** –Simulation Composite Analysis 2014 supports the creation and use of 4, 5, and 8 harness satin weave composite materials. This extends the full list of supported materials by Simulation Composite Analysis to:
  - **Unidirectional Composites**
  - **Plain Weave Composites**
  - **4, 5, and 8 Harness Satin Weave Composites**
  - **Cohesive Materials**
- 2. Support for Fatigue** –Simulation Composite Analysis 2014 introduces progressive damage modeling of fatigue loadings for both unidirectional and woven composites. A physics-based solution has been developed by Autodesk to efficiently predict the fatigue life of composite structures using minimal material characterization.

### Supported Platforms

Autodesk Simulation Composite Analysis 2014 supports the following platforms:

	Windows 7, 8 64-bit	SLES 10, 11, RHEL 5, 6 <sup>1</sup> 64-bit	64-bit Clusters
Abaqus 6.10	✓	✓	✓
Abaqus 6.11	✓	✓	✓
Abaqus 6.12	✓	✓	✓
ANSYS 13.0, 14.0	✓		
ANSYS 14.5	✓		