



**Product Line:** Offshore Structures  
**Product:** SACS, MOSES  
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## **Offshore Project Collaboration and Interoperability Advances with the CONNECT Edition of SACS**

Bentley Systems announces the CONNECT Edition release of SACS for the structural analysis and design of offshore platforms, featuring integration with CONNECT Edition Cloud Services. The CONNECT Edition connects users, projects, and enterprises. Key new enhancements include:

- Share i-models and PDF files from the desktop with others, or to stage them for easy access from a Bentley mobile app, with the Personal Sharing, a CONNECT Edition Cloud Service
- The ability to associate SACS usage with a Connected Project for greater insight into project performance
- Improved interoperability between SACS and MOSES
- Design code updates
- New wave load modeling methods to Seastate and Wave Response

SACS users will further benefit from the integration of the CONNECT Edition inside Scenario Services, a CONNECT Edition Cloud Service. SACS users will have access to a cloud computing framework that puts high performance computational capabilities at their service. Users have the opportunity to compare performance indicators across entire solution sets to discover the best structural alternative to achieve project objectives.

Phil Christensen, Bentley Systems vice president of offshore and optioneering, commented, "Scenario Services is one of the new cloud services that helps improve not only project performance, interoperability and team collaboration, but also improves the performance of offshore engineering assets. For the first time, SACS users will have access to a cloud computing framework which puts high performance computing at their service to speed the process for achieving the best possible offshore structural design."

The CONNECT Edition of MOSES, software for offshore marine operations, supports enhanced interoperability between structural engineering and naval architecture teams. Multi-discipline and globally distributed teams can now share models more reliably and conveniently, and exchange data anywhere, anytime.



Significant engineering enhancements are also included in this release of SACS. These include new API 22nd Edition code checking to ensure code compliance, a completely new Dynamic Superelement module for more accurate dynamic analysis, as well as updates to Interactive Fatigue redesign from multiple time histories. Modeling is made faster and more accurate with upgraded Joint Meshing for ring stiffeners. More accurate load predictions on large diameter tubular members can be achieved with the addition of new wave load modeling methods to Seastate and Wave Response.

Offshore project teams can share technical expertise across complex offshore engineering projects to accelerate project delivery, minimize risk, and produce integrated solutions with the CONNECT Edition of SACS and MOSES.

**Image:** <https://www.hightail.com/download/bXBaZ282V3I5RmJyZHNUQw>

**Caption:** Reliably exchange structural data between naval architects and engineers