

PRESS RELEASE

## **DNV GL and MSC Software partnership enables engineers to design ships and offshore structures more efficiently**

*Design to engineering efficiency is increased by using DNV GL's Sesam together with MSC Apex*

**Newport Beach, CA, February 20 2020** - DNV GL, a leading provider of digital solutions for managing risk, improving safety and asset performance, and MSC Software Corporation (MSC), a global leader in Computer-Aided Engineering (CAE) simulation software and services, have today announced a strategic partnership to improve the productivity of engineers using DNV GL's Sesam design and simulation software for maritime and offshore engineering.

MSC and DNV GL have partnered to connect Sesam workflows with MSC Apex so that Sesam users can streamline common tasks and become more productive. Under the partnership, DNV GL will resell MSC Apex as a translator from CAD to CAE, that offers customers the potential to reduce current design and verification processes by weeks.

Ships and offshore floating structures are designed using many CAD tools, producing data that can require intensive manual conversion and rectification before a strength assessment can be performed. Using MSC Apex, complete structures can be imported directly from 2D or 3D Computer Aided Design (CAD) tools such as CATIA, AutoCAD, NX, Intergraph Smart 3D and open file standards. Engineers can rapidly finalize the finite element model using contextual tools and scripts that automate repetitive pre-processing tasks for strength assessment in Sesam.

Elling Rishoff, Head of Software Ecosystems at DNV GL - Digital Solutions, said: "Through our partnership with MSC, we are providing users with a modern work environment that any engineer can learn, and where experienced Sesam users can enjoy significant productivity gains using the smart features and workflows in MSC Apex."

John Janevic, COO, MSC Software commented: "We have collaborated with DNV GL for many years to help our customers engineer better floating structures by offering them optimized tools. We're now taking a big step forward with our new strategic partnership. MSC Apex will greatly enhance the productivity of Sesam workflows from design to validation."

For more details please visit [www.dnvgl.com/services/cad-to-mesh-software-msc-apex-166657](http://www.dnvgl.com/services/cad-to-mesh-software-msc-apex-166657)

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## About Hexagon | About MSC Software

Hexagon is a global leader in sensor, software and autonomous solutions. We are putting data to work to boost efficiency, productivity, and quality across industrial, manufacturing, infrastructure, safety, and mobility applications.

Our technologies are shaping urban and production ecosystems to become increasingly connected and autonomous – ensuring a scalable, sustainable future.

MSC Software, part of Hexagon’s Manufacturing Intelligence division, is one of the ten original software companies and a global leader in helping product manufacturers to advance their engineering methods with simulation software and services. Learn more at [www.mscsoftware.com](http://www.mscsoftware.com). Hexagon’s Manufacturing Intelligence division provides solutions that utilise data from design and engineering, production and metrology to make manufacturing smarter. For more information, visit [hexagonmi.com](http://hexagonmi.com).

Hexagon (Nasdaq Stockholm: HEXA B) has approximately 20,000 employees in 50 countries and net sales of approximately 3.8bn EUR. Learn more at [hexagon.com](http://hexagon.com) and follow us [@HexagonAB](https://twitter.com/HexagonAB).

## About DNV GL

DNV GL is a global quality assurance and risk management company. Driven by our purpose of safeguarding life, property and the environment, we enable our customers to advance the safety and sustainability of their business. Operating in more than 100 countries, our professionals are dedicated to helping customers in the maritime, oil & gas, power and renewables and other industries to make the world safer, smarter and greener.

## About DNV GL – Digital Solutions

DNV GL is a world-leading provider of digital solutions for managing risk and improving safety and asset performance for ships, pipelines, processing plants, offshore structures, electric grids, smart cities and more.

Our open industry platform Veracity, cyber security and software solutions support business-critical activities across many industries, including maritime, energy and healthcare.

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