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# K-Sim Connect

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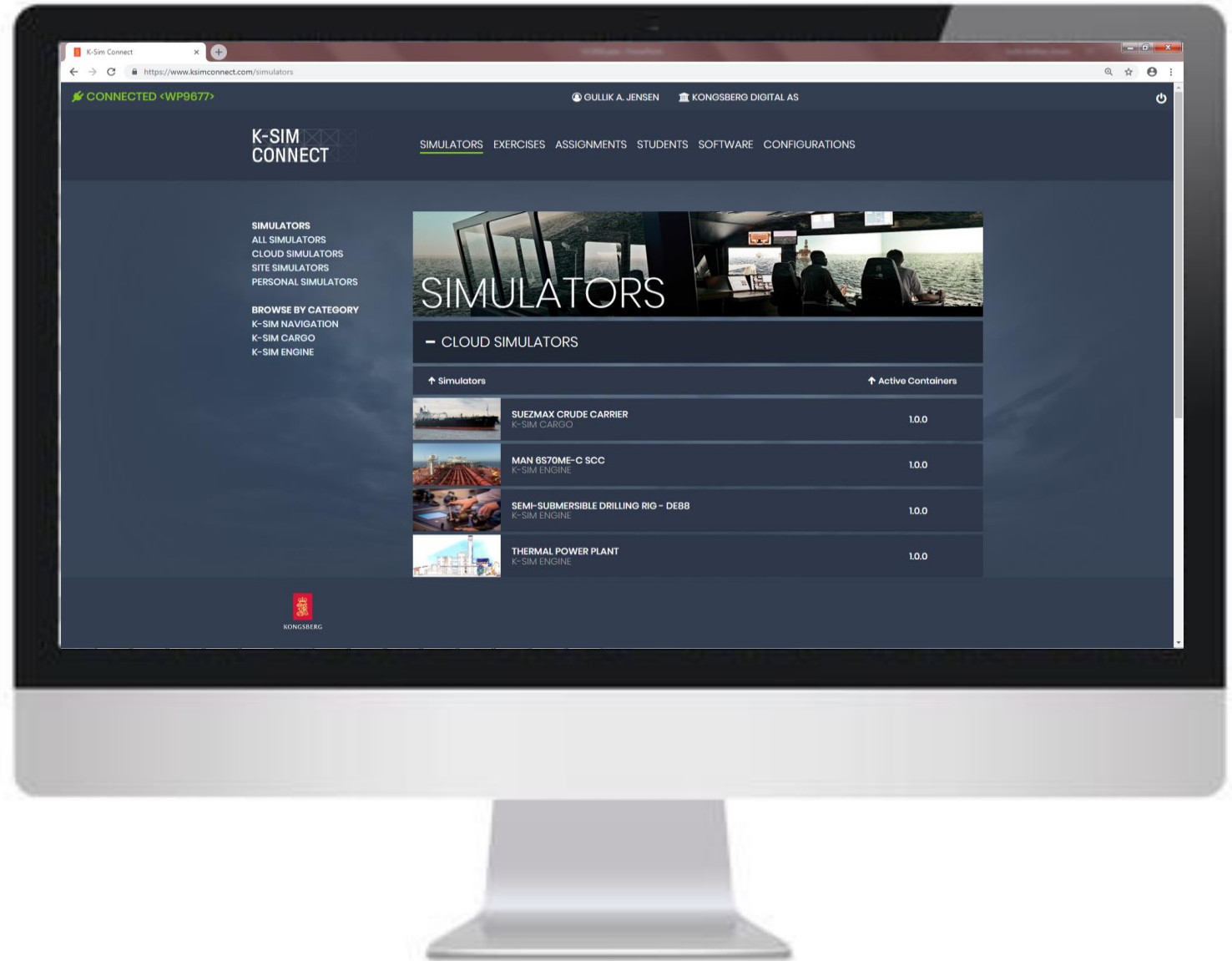


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# K-SIM CONNECT

Connecting people, data  
and simulators in the K-Sim  
ecosystem

[www.ksimconnect.com](https://www.ksimconnect.com)







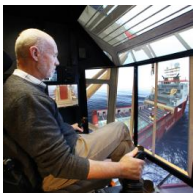
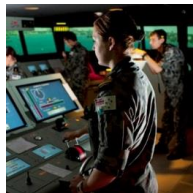
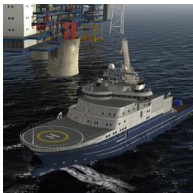
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# Vision for K-Sim digital transition

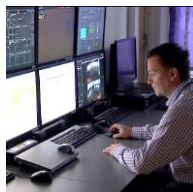
The Maritime Simulation vision is to help the client to acquire and share knowledge to promote safety, cost-efficiency of operations, and accelerate innovation, in the domains of merchant, offshore and armed services operations by providing advanced simulation solutions and services.

We acknowledge that our business is going through a process of digitalization that impacts our market, competitors, customers, and the way we do business. **We will actively use this transition to strengthen our position and grow our customer value.** We will do this by:

- Take a digital position in the ecosystem closer to our user groups.
- Enable simulation beyond the simulator site. Anytime & Anywhere.
- Create digital sales, delivery and support models.
- Offer subscription based business models supporting Simulation-as-a-Service and Content-as-a-Service.
- Pursue new user groups and application areas for simulation products and services.
- Facilitate increased value creation based on our technology platforms through open interfaces and third party integration.



K-SIM  
CONNECT





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# Reach out to the K-Sim ecosystem

Connecting people, data and simulators in the K-Sim ecosystem



## SIMULATORS

Connect the simulators to the ecosystem, and also to each other. Allowing the simulators to be online opens a whole new world of possibilities.

*Connectivity*



## PEOPLE

Connect the large and diverse community of people creating business on K-Sim simulators.

*Students, instructors, exercise author, scientist, engineer, technicians, content developer, owner, legislator.*



## EXERCISES AND DATA

All simulators are used for a purpose. This is the important value added by all the users of simulators.

*Exercises, assessment, models, exercise areas, certificates, operational analysis, FEED reports, etc.*



## BUSINESS

Business needs differ, so there is not one business model that fits all. The connected ecosystem support diverse models.

*Software Licenses*

*Subscriptions*

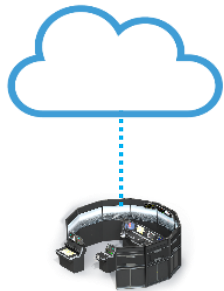
*Pay as you go solutions*



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# Simulators transforms to platforms

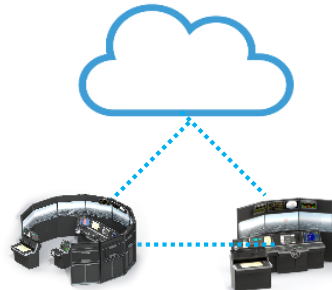
Four flavors of simulator connectivity



## SIMULATOR 2 CLOUD

Each simulator can connect to the K-Sim Connect ecosystem.

- Models and software updates
- Content-as-a-Service
- Better remote diagnostics and support



## SIMULATOR 2 SIMULATOR

Create virtual simulator networks of simulators ad-hoc without location restrictions.

- Connect simulators in different locations in one exercise.
- Co-training scenarios



## CLOUD BASED SIMULATION

Access simulation in the cloud to allow simulation anytime and anywhere.

- Simulation anytime and anywhere.
- Simulation-as-a-Service
- Scalable simulation capacity



## OPEN NETWORK

Facilitating the co-existence of on premise and cloud based simulators. Facilitate for third party providers on every level.

- Open interfaces
- Third party content
- Integration to real data sources





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# K-SIM CONNECT

Connecting people, data and simulators in the K-Sim ecosystem



*The ecosystem for connecting people, data and simulators to create an environment for generating new possibilities and new business*

## SIMULATORS

Bringing the on premise simulators and cloud based simulators together to create seamless virtual simulators and simulator networks

## DATA

Handling exercises, configurations and other simulation related data.

## SOFTWARE UPDATES

K-Sim software supply chain automates the software update on simulators in a DevOps style controlled by the user.

## ROLE BASED ACCESS

Acquiring and managing users and partners through ecosystem registration and login.  
Designating specific content, forms, and automated workflows for unique users based on roles

## LICENSES & SUBSCRIPTIONS

Manage your software licenses and subscriptions.

## ANYTIME & ANYWHERE

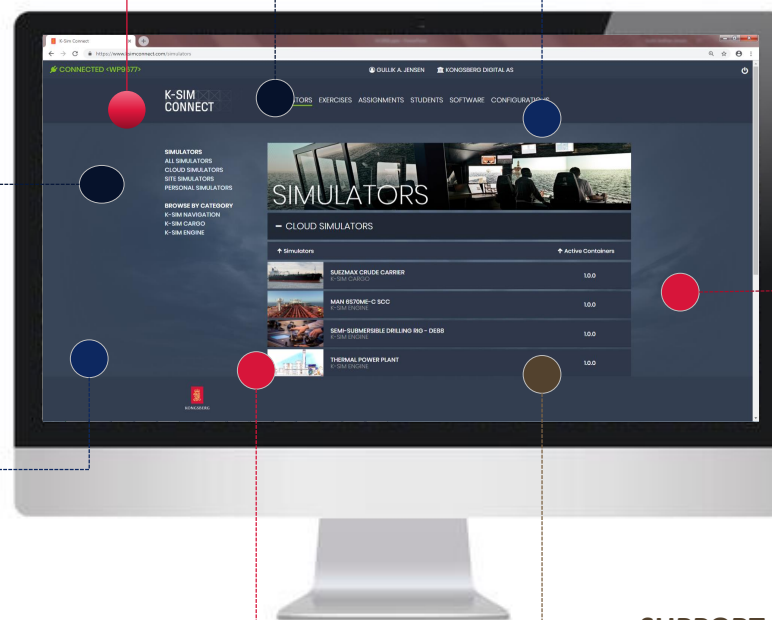
Cloud based simulation for self study. Instructors can assign exercises for students to complete anytime and anywhere.

## SUPPORT

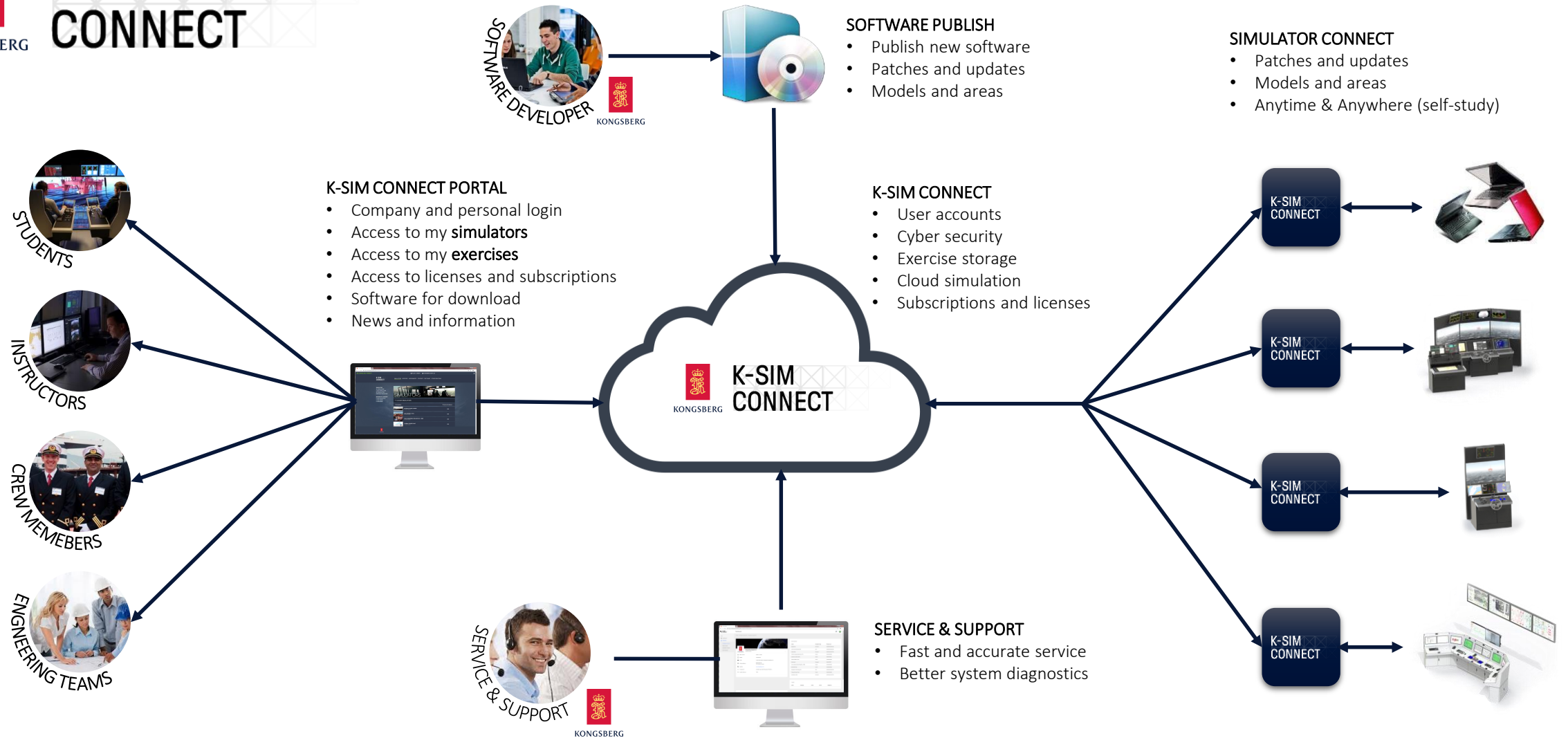
Connecting user, simulators and data to create more efficient support workflows for user self service and for Kongsberg customer support team.

## DEVELOPER WORKFLOW

Creating a community of certified K-Sim developers for content and features.  
Providing tools, services in a tailored automated workflow for accelerating content creation.







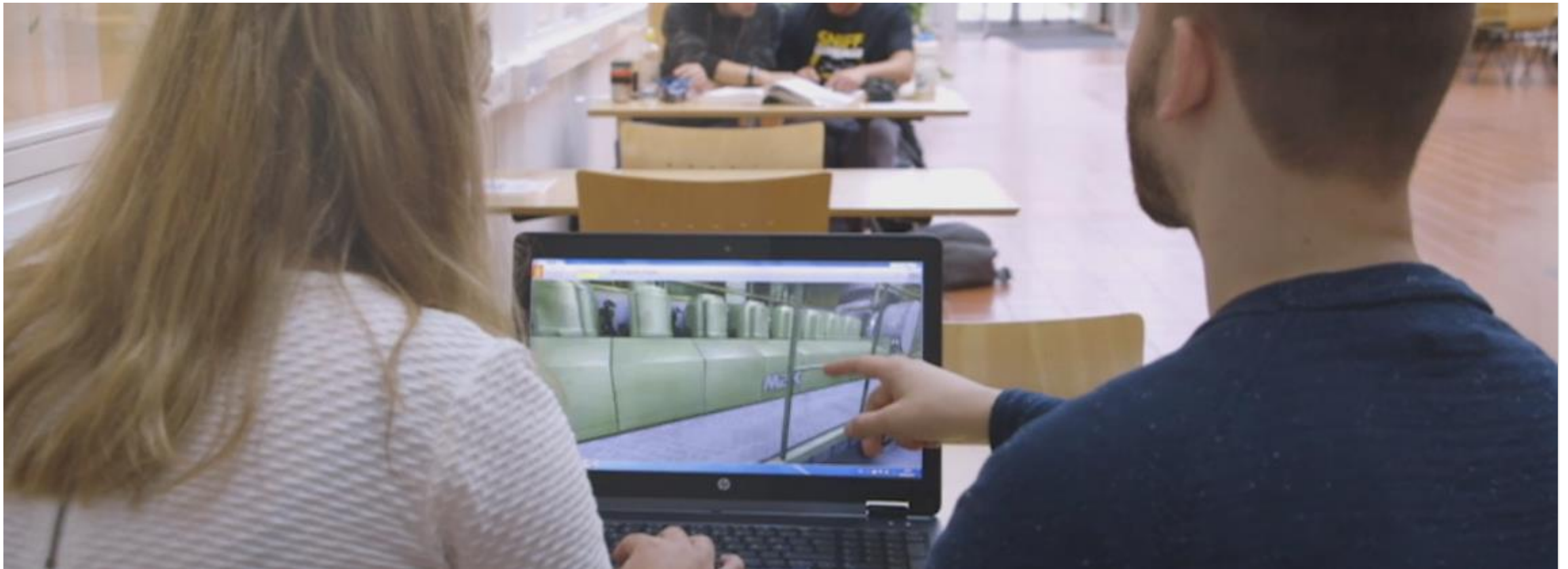




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# ANYTIME & ANYWHERE

Simulation beyond the simulator center





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# DEMO

“Anytime & Anywhere”

GULLIK A. JENSEN

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K-SIM  
CONNECT

SIMULATORS EXERCISES ASSIGNMENTS STUDENTS SOFTWARE CONFIGURATIONS

SIMULATORS

ALL SIMULATORS

CLOUD SIMULATORS

SITE SIMULATORS

PERSONAL SIMULATORS

BROWSE BY CATEGORY

K-SIM NAVIGATION

K-SIM CARGO



K-SIM ENGINE

SIMULATORS

CLOUD SIMULATORS

↑ Simulators

↑ Active Containers

	<div>SUEZMAX CRUDE CARRIER</div> <div>K-SIM CARGO</div>	1.0.0
	<div>MAN 6S70ME-C SCC</div> <div>K-SIM ENGINE</div>	1.0.0

WORLD CLASS – Through people, technology and dedication

KONGSBERG PROPRIETARY - See Statement of Proprietary information

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# DEMO

## “Anytime & Anywhere”

K-SIM  
CONNECT

SIMULATORS  
ALL SIMULATORS  
INSTALLED ON MY COMPUTER  
CLOUD SIMULATORS

**BROWSE BY CATEGORY**  
K-SIM CARGO  
K-SIM ENGINE

 GULLIK A. JENSEN  KONGSBERG DIGITAL  INSTRUCTOR

[SIMULATORS](#) [EXERCISES](#) [ASSIGNMENTS](#) [STUDENTS](#)

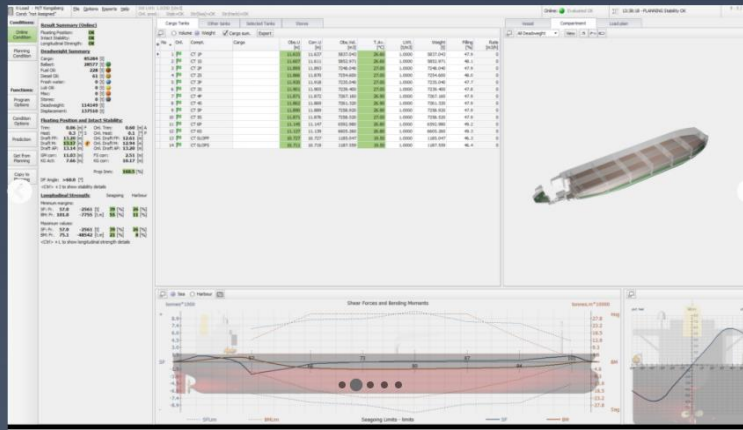
 [DOWNLOAD K-SIM](#)

SIMULATORS &gt; SCC II SUEZMAX CRUDE CARRIER – SIMULATOR MODEL

[← BACK](#)

## SCC II SUEZMAX CRUDE CARRIER – SIMULATOR MODEL

## – MODEL DESCRIPTIONS



The K-Sim Cargo - SCC-II simulator model is based on the actual specifications and performance data of a Suezmax crude oil carrier and enables high quality simulator training in every aspect of complex load and discharge operations.

## MODEL DESCRIPTION



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# DEMO

“Anytime & Anywhere”

DEMO of K-SIM CONNECT interface showing assignments and progress.

Header: GULLIK A. JENSEN | KONGSBERG DIGITAL | INSTRUCTOR

Navigation: SIMULATORS | EXERCISES | **ASSIGNMENTS** | STUDENTS

Buttons: DOWNLOAD K-SIM

Left Sidebar: ASSIGNMENTS, ALL ASSIGNMENTS, ALL ACTIVE ASSIGNMENTS, CREATED BY ME

Main Content:

- ACTIVE ASSIGNMENTS**
  - ↑ ASSIGNMENTS
  - ↑ DUE DATE
  - ↑ CLOUD
  - ↑ STATUS
  - TPP NIS 1.0 (THERMAL POWER PLANT) - MAY 10, 2018 - 1 OF 2 DONE
  - TPP-EX-1.0 -ASSIGNMENT-1 (THERMAL POWER PLANT) - APR 24, 2018 - 0 OF 3 DONE
  - FINISH BY MONDAY POWRT ENGINEERING (THERMAL POWER PLANT) - APR 23, 2018 - 1 OF 2 DONE
  - TEST EVY (THERMAL POWER PLANT) - APR 24, 2018 - 0 OF 2 DONE
  - TPP-173-ASSIGNMENT-1 (THERMAL POWER PLANT) - APR 26, 2018 - 0 OF 2 DONE
  - ASSIGNMENT\_23\_04 14:40 (THERMAL POWER PLANT) - APR 23, 2018 - 0 OF 3 DONE
  - ASSIGNMENT\_23\_04 14:56 (THERMAL POWER PLANT) - APR 23, 2018 - 0 OF 1 DONE
- CLOSED ASSIGNMENTS**
  - ↑ ASSIGNMENTS
  - ↑ DUE DATE
  - ↑ CLOUD
  - ↑ STATUS
  - ONE MINUTE POWER PLANT TOUR (THERMAL POWER PLANT) - APR 12, 2018 - 0 OF 4 DONE
  - TEST (THERMAL POWER PLANT) - APR 13, 2018 - 0 OF 3 DONE





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# The future will be busy

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