



K-Sim Navigation CLOUD is based on Kongsberg's well-reputed simulation technology

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## Kongsberg Digital improves the quality of maritime navigation training with cloud-based simulation

Kongsberg Digital continues to enhance simulation training by launching its new cloud-based navigation simulation solution. The solution is another advanced simulation technology that Kongsberg Digital offers as an online training application on their digital platform.

K-Sim Navigation CLOUD is based on Kongsberg's well-reputed simulation technology and was developed in the SkyNav project funded by Innovation

Norway. It enables schools and training centres to provide high-quality simulation training in navigation and ship handling, including ECDIS and radar. The solution is designed to provide basic navigation training in compliance with the DNV's Class D requirements. For training institutes with onsite simulators, K-Sim Navigation CLOUD is perfect for blended learning and an excellent supplement to classroom or full-mission simulator training. The training application can also be used as a stand-alone offer by other training providers that do not need to invest in hardware to provide their students with simulation exercises.

Thanks to an advanced physics engine and state-of-the-art hydrodynamic modelling, it provides students with highly realistic training using vessels, objects, and equipment that behave and interact as in real life. A sophisticated new visual system powered by Unreal Engine brings vessels, geographical areas, and all possible weather co to life.

Consolidating its position as a leading adopter of the new digital technology, The Maritime Academy of Asia and the Pacific (MAAP) started using Kongsberg Digital's K-Sim Connect platform in 2019 for cloud-based simulation training to complement classroom education, and they will be the first training centre in the world to offer K-Sim Navigation CLOUD to their students.

“Digitalisation plays an increasingly major part in improving safety, efficiency and in contributing to more sustainable maritime operations. By combining our unique domain expertise in digital solutions with our broad experience in advanced simulation technology, we are proud to raise the bar for simulation training even further,” says Andreas Jagtøyen, Executive Vice President at Kongsberg Digital.

“Following the success of our launch of cloud-based simulation solutions for engine and radar, amongst others, we have seen a great demand in the market to do the same with navigation. The advantages of online solutions are apparent; students and instructors will get increased flexibility, and the students will get much more volume training.”

ENDS

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