



## **PATRICK RYAN**

**SENIOR VICE PRESIDENT,  
GLOBAL ENGINEERING AND  
DIGITAL PRODUCT DEVELOPMENT,  
AND CHIEF TECHNOLOGY OFFICER (CTO)**

---

Ryan is responsible for ABS' technology research and development, digital product development, engineering software organizations, and seven Global Technology Centers. Ryan is known for his vision and energy in digitizing maritime engineering and is leading ABS and our global clients through their digitalization of class in engineering, plan review and beyond.

His team has the unique responsibility to help shipowners, designers and builders bring their plans into the digital world, and to lead the development of new technologies that will support sustainability objectives. His team also supports the increasingly pivotal role of engineering and technology in the global energy transition and the rapid digitization of the maritime industry – all while never deviating from the ABS mission of making the world a safer place and minimizing the impact on the environment.

Throughout his career as a naval architect, Ryan has always been focused on cutting-edge technologies around ships and shipbuilding. For 21 years prior to joining ABS, he was in various ship design, program management and engineering leadership roles at the largest shipyard in the U.S.

Ryan has authored seven U.S. and international patents on industrial augmented reality technology and is the recipient of the prestigious Doug Ensor Award for his leadership and work in Naval hydrodynamics. In 2017, Smart Industry Magazine named him one of the "Top 50" Digital Innovators in Smart Manufacturing. He graduated from Virginia Tech with a bachelor's degree in aerospace and ocean engineering, and master's in ocean engineering. He currently sits on the University of Michigan's College of Engineering Leadership Advisory Board (LAB), as well as Virginia Tech's Kevin T. Crofton Department of Aerospace and Ocean Engineering Advisory Board, in addition to multiple Houston-area, non-profit volunteer boards.