

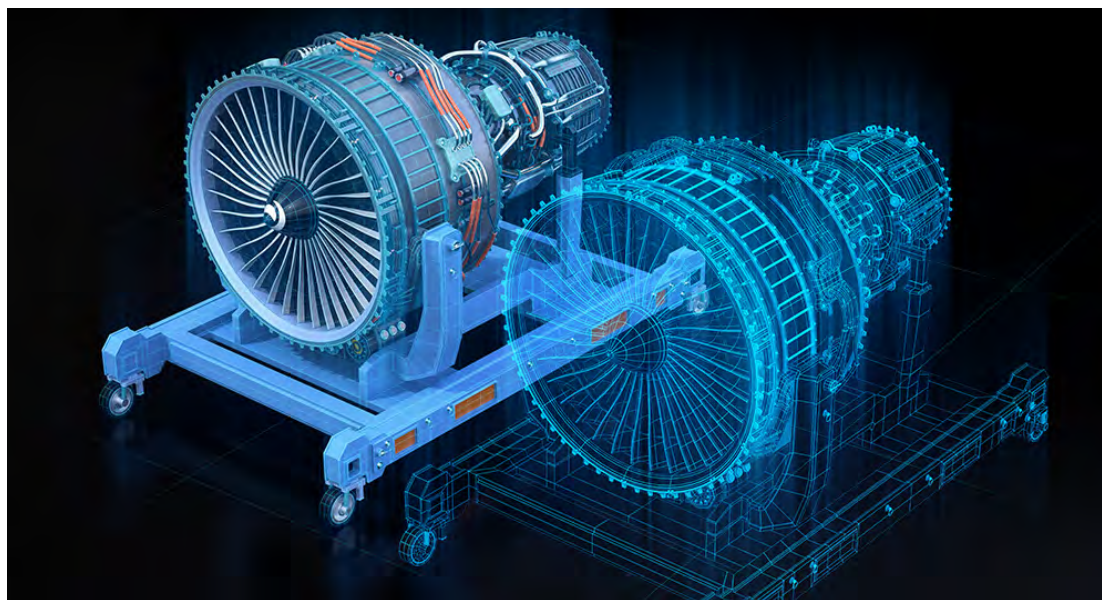


EDGE FEATURE NEWS



Object Management Group Forms Digital Twin Consortium

By Ken Briodagh / June 02, 2020



Non-profit trade association Object Management Group (OMG), along with founders Ansys, Dell Technologies, Lendlease and Microsoft, recently announced the formation of a new Digital Twin Consortium.

Members of the Digital Twin Consortium reportedly will collaborate across multiple industries to learn from each other and develop and apply best practices. This new open membership organization will drive consistency in vocabulary, architecture, security and interoperability to help advance the use of digital twin technology in many industries from aerospace to natural resources.

Digital twins, virtual models of a process, product or service that allow for data analysis and system monitoring via simulations, can be challenging to implement due to a lack of open-source software, interoperability issues, market confusion and high costs, the OMG said. In order to ensure the success of Digital Twin Consortium, several leading companies involved in digital twin technology have joined the consortium prior to inception. This category of early innovators, called Groundbreakers, includes: Air Force Research Lab (US), Bentley Systems, Executive Development, Gafcon, Geminus.AI, Idun Real Estate Solutions AB, imec, IOTA Foundation, IoTIFY, Luno UAB, New South Wales Government, Ricardo, Willow Technology, and WSC Technology.

Membership is open to any business, organization or entity with an interest in digital twins.

“Most definitions of digital twin are complicated, but it's not a complicated idea. Digital twins are used for jet engines, a Mars rover, a semiconductor chip, a building and more. What makes a digital twin difficult is a lack of understanding and standardization,” said Dr. Richard Soley, Executive Director, Digital Twin Consortium. “Similar to what we've done for digital transformation with the Industrial Internet Consortium and for software quality with the Consortium for Information and Software Quality™, we plan to build an ecosystem of users, drive best practices for digital twin usage and define requirements for new digital

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twin standards.”

Founding members, Ansys, Dell Technologies, Lendlease and Microsoft will each hold permanent seats on an elected Steering Committee, providing the strategic roadmap and creating member working groups. Digital Twin Consortium members are committed to using digital twins throughout their operations and supply chains and capturing best practices and standards requirements for themselves and their clients. Membership fees are based on annual revenue.

Ken Briodagh is a storyteller, writer and editor with about two decades of experience under his belt. He is in love with technology and if he had his druthers would beta test everything from shoe phones to flying cars.

Edited by **Ken Briodagh**



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