



PTC and Elysium Announce New Product Design and Validation App for ThingWorx Navigate

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App Enables Improvements in Product Design Process by Increasing Accuracy and Efficiency

BOSTON--(BUSINESS WIRE)--Jun. 19, 2018-- [PTC](#) (NASDAQ: PTC) today announced at the sold-out [LiveWorx® 18](#) digital transformation conference that Elysium, a global software company at the forefront of 3D geometry handling and data translation, has released a Drawing Validator App for the ThingWorx® Navigate™ Platform that enables increased efficiency in the product design process by making it possible for key stakeholders to compare and detect significant differences between 2D drawings in an easy-to-read format.

Headquartered in Hamamatsu, Japan, Elysium has been providing industry leading 3D interoperability and point cloud solutions throughout the world to industry leaders that include Boeing, Daimler, Renault Sport Formula One™ Team, Toyota, and more than 3,500 other companies.

With the Drawing Validator App for ThingWorx, PTC and Elysium customers will be enabled to improve the product design process by detecting differences that traditional validator tools miss. These tools can be used by stakeholders throughout the organization, including suppliers, to manually compare differences between multiple versions of a drawing. Changes that are not identified often result in costly rework, while the manual process slows down productivity. The Drawing Validator App can provide an accurate and complete comparison of 2D drawings based on graphic and semantic information extracted using APIs from the Creo® solution. It provides a list of all significant differences, thus increasing the efficiency of the 2D drawing check process and reducing lead time. This, in turn, enables increased productivity, reduced rework, and faster time-to-market.

“As a data translation company, we have accumulated a lot of knowledge of how to access various data from Creo,” said Atsuto Soma, CTO, Elysium. “Leveraging that insight, we collaborated with PTC to use ThingWorx Navigate to develop a new drawing validation tool that allows for accurate and reliable difference detection.”

ThingWorx Navigate improves collaboration by offering a single view to multiple enterprise systems, enabling both expert and non-expert (or occasional) users to access the latest, most accurate product information when they need it and in the context most related to their day-to-day responsibilities.

“The Drawing Validator app for ThingWorx Navigate enables customers to compare 2D drawings and quickly and easily identify differences between drawings to enable an accelerated product design and validation process,” said Kevin Wrenn, divisional general manager, PLM Segment, PTC. “Elysium’s app joins a growing library of PTC partner-created ThingWorx Navigate applications. These apps take the out-of-the-box capabilities of ThingWorx Navigate and add features and functions that PTC partners are seeing first-hand are needed in the marketplace.”

Additional Resources

- [ThingWorx Navigate](#)
- [PLM on Your Digital Engineering Journey](#)
- Harvard Business Review: [“Why Every Organization Needs an AR Strategy.”](#) authored by PTC CEO Jim Heppelmann and Harvard Professor Michael Porter

About PTC (NASDAQ: PTC)

PTC helps companies around the world reinvent the way they design, manufacture, operate, and service products in and for a smart, connected world. In 1986 we revolutionized digital 3D design, and in 1998 were first to market with Internet-based product lifecycle management. Today, our leading industrial innovation platform and field-proven solutions enable you to unlock value at the convergence of the physical and digital worlds. With PTC, manufacturers and an ecosystem of partners and developers can capitalize on the promise of the Internet of Things and augmented reality technology today and drive the future of innovation.

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