

GE Digital Partners with Visionaize to Provide 3D Visualization Capabilities to APM

- *Designed to enable increased situational / contextual awareness with 3D plant models for inspection, maintenance, and engineering activities*
- *Ability to access and contextualize enterprise data helps to optimize asset management processes and facilitate decision making*

SAN RAMON, Calif. - JUNE 6, 2022 -- [GE Digital](#) today announced a technology partnership with [Visionaize](#), a provider of world-class operational 3D Digital Twin solutions. This technology is designed to help empower data-driven businesses with high accuracy visualization capabilities for operational use cases that can help to save time, reduce cost, and improve safety. Visionaize's V-Suite Starter can be incorporated into GE Digital's [APM Mechanical Integrity](#)™ software designed to help streamline maintenance activities and improve worker efficiency across asset intensive industries.

While industrial companies can choose to review data and information in any number of formats including plant blueprints, Piping and Instrumentation Diagrams (P&ID), and Isometrics through various means of CAD/CAM software solutions, the implementation of V-Suite Starter is designed to allow users to view real-time and historical asset data on the 3D model to deliver timely and valuable insights at the point of action. The 3D visualizations of key asset information combine “see it, model it, and understand future behavior” to help asset-intensive companies solve key challenges associated with asset downtime, quicker time to resolution, maintenance costs, and workforce productivity.

Visionaize integrates 3D plant models with APM Mechanical Integrity to provide data-driven visualization of key APM Integrity attributes by color coding the model to filter out noise and focus on what matters most. The ability to dynamically visualize and contextualize data for operations and maintenance activities help



make inspectors, planners, maintenance technicians, corrosion analysts, and Risk Based Inspection (RBI) analysts more efficient and effective in their daily jobs.

“As companies in asset-centric industries -- Oil & Gas, Power Generation, Petrochemical, and Mining -- look to enhance their digital transformation journey, there is a growing acceptance to absorb Digital Twins into their operational decision-making workflows,” said David Reinhart, Executive Vice President for Visionaize. “To build out a more robust Digital Twin experience, there is a pressing need for rapid contextual awareness and visualization capabilities.”

Utilizing 3D visualization in GE Digital’s APM solution can help improve worker safety and productivity with situational awareness and less time spent in hazardous environments. An accurate 3D model is designed to allow recovery planning even before workers can access the site itself to facilitate faster time to resolution. And it can help to optimize maintenance programs with more efficient scheduling to accelerate planned and unplanned downtime activities.

“Our partnership with Visionaize brings an enhanced scalable templated capability to APM that accelerates implementation and simplifies replication across sites and reduces implementation costs,” said Linda Rae, General Manager of GE Digital’s Power Generation and Oil & Gas business. “Incorporating this state-of-the-art visualization platform is valuable as asset-intensive companies mature in their operational use of Digital Twins.”

Click on these links for more information about GE Digital’s [Asset Performance Management Software](#) and solutions for [Power Generation](#) and [Oil & Gas](#).

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