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We employ a process digital twin to mimic plant-floor behavior and test the integration of OT and IT systems--without requiring the physical lines to be deployed, and without requiring physical products flowing down the line.

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Digital representation of the live plant and its automation algorithms through the "twin" function of an Integrated Control and Safety System (ICSS) allows engineers to conduct fundamental process control tests at an ...

Introduction The idea of "Digital twins" is changing how we engage with the world in the constantly evolving digital sphere. These dynamic virtual duplicates, which mirror real-world objects or systems, are widely applied ...

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Digital twin for overseas plants

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