Executive Summary Video: The CIO’s Role in Supporting Industrial Assets

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Initiatives: Manufacturing IT Optimization and Modernization; CIO Leadership of Innovation, Disruptive Trends and Emerging Practices

Modern maintenance of industrial assets gives CIOs an opportunity to play a bigger role in digital transformation. CIOs who use IT to optimize the support of industrial plants and equipment will improve the business performance of asset-intensive enterprises.

Overview

Asset-intensive enterprises create revenue from physical assets, including fleets, plants, equipment, production facilities and even real estate. These increasingly digitalized assets must remain productive and safe, and that depends on the data they generate or use, and the software that manages them. The focus on asset performance leads to a growing need for the CIO’s technology insight. But many CIOs lack the opportunity to contribute effectively because existing arrangements between asset owners, manufacturers and maintenance service providers marginalize the CIO. How can CIOs get involved in the maintenance of physical industrial assets? By understanding the maintenance cycle and what should happen in its four stages, as well as the role of each stage in an asset’s ecosystem.

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