

## Automation World, U.S.: Cognizant's Chief Digital Officer, Manufacturing & Logistics, Says Blockchain Should Be Part of the Big Picture Strategy for Manufacturers



"Blockchain has to be a broader part of a next-generation manufacturing strategy—it can't just be a technology you go for," says **Prasad Satyavolu**. "To transform manufacturing with blockchain, it has to be part of a broader gambit to provide more personalized products, to tap into a localized supply base, or to take advantage of IIoT. Those are all imperatives that feed a strategy for blockchain."

*Excerpts from Automation World's article:*

"Characterized as a distributed ledger technology, blockchain records transactions between multiple parties in a way that is transparent, verifiable and immutable. Given that manufacturing encompasses a series of transactional interactions, experts are putting stock in the potential for blockchain to be a more efficient and trustworthy way for extended supplier ecosystems to securely record and share information."



Manufacturers face a future defined by a number of prominent trends, including novel uses of automation to address the ongoing skills shortage, globalization, a move toward mass customization, and the rise of connected factories as part of Industry 4.0. Blockchain is well positioned to meet many of the challenges associated with those trends.

What blockchain is not yet shaping up to be is a technology for improving internal transactions and system-to-system interactions. 'Within the confines of your own trusted network, companies are already well secure from an internal plant standpoint,' Satyavolu says. 'Within a plant environment, there isn't a great use case.'

One of the most anticipated use cases of blockchain is for track and trace, to help manufacturers foster better visibility and trusted relationships among their extended, global supply chains. In addition to the ability to create and administer smart contracts, blockchain provides an immutable record of the chain of custody of goods, which can be leveraged in numerous ways—from helping to prevent leakage and the spread of counterfeit goods to tracking down at-risk suppliers in the event of a part failure, and even creating transparency and specificity around sourcing to build trust and demonstrate that compliance regulations are being met."

Click [here](#) to read more.

<https://news.cognizant.com/2019-03-29-Prasad-Satyavolu-Says-Blockchain-Should-Be-Part-of-the-Big-Picture-Strategy-for-Manufacturers>