



## GlobalFoundries Transforms Training and New Technician Skill Adoption with PTC's Vuforia Augmented Reality Solutions

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*Vuforia Enables GlobalFoundries to Use AR Experiences to Capture Expert Knowledge and Reduce Onboarding Times by Up to 50%*

BOSTON--(BUSINESS WIRE)--Jul. 30, 2019-- [PTC](#) (NASDAQ: PTC) today announced that GlobalFoundries (GF), a leading international full-service foundry that delivers semiconductor technologies to manufacturers, has selected PTC's [Vuforia®](#) augmented reality (AR) solutions to transform its training processes. With a manufacturing footprint spanning three continents, GlobalFoundries has established itself as one of the industry's largest pure-play foundry companies, and now GF is deploying AR solutions to improve manufacturing processes and productivity in its worldwide factories – across a competitive marketplace.

GF has implemented Vuforia to digitize standard operating procedures (SOPs) for training manuals and maintenance processes, improve remote expert assistance, and construct digital twins for powering AI engines. By combining the Vuforia [Expert Capture™](#) productivity solution and Vuforia [Studio™](#) authoring environment, GF can create digital training experiences with augmented reality which can be viewed through industry-leading devices such as [Microsoft's HoloLens 2](#) and [RealWear's HMT-1](#). This means the AR experiences can be used to raise the level of performance on the factory floors and drive better business outcomes for workers at all levels, including the onboarding of new technicians, the training of existing technicians, and capturing expert knowledge from retiring workers.

"With a vision to change the semiconductor industry that's changing the world, we are transforming every part of our workflow through the use of innovative technologies, including augmented reality. PTC's Vuforia AR platform, which integrates point solutions, is a game-changer on this journey. Vuforia Expert Capture, for example, has quickly helped us set a new global standard for creating best-in-class SOPs to accelerate training and reduce variability at the source. With successful results already achieved from our initial roll-out, wherein we've seen up to a 50% reduction in training time, we look forward to capitalizing on other Vuforia-powered transformation initiatives in the future," said Dr. DP Prakash, global head of innovation from the CIO Office of GlobalFoundries.

"We are delighted to be supporting this visionary company's digital transformation initiatives," said Hillary Ashton, executive vice president and general manager of augmented reality, PTC. "The worker skills gap continues to be a critical issue in manufacturing and PTC is excited to offer GF our award-winning augmented reality solutions to help tackle this challenge, giving GF, like other industrial businesses that have implemented Vuforia around the world, a competitive edge."

Through immersive interactions and guidance, Vuforia's AR experiences enable workers to become skilled and productive in a fraction of the time of traditional training methods, enabling companies to increase workers' effectiveness and productivity, improve production times, and reduce the risk of errors.

### Additional Resources

- [PTC Augmented Reality Solutions](#)
- [Vuforia Innovation Timeline](#)
- Press release: [PTC Provides Industrial Companies Clear Path to Value with Augmented Reality; Hot Technology Empowers People to 'See' Their Business in New Ways](#)
- Harvard Business Review: ["A Manager's Guide to Augmented Reality,"](#) authors PTC CEO Jim Heppelmann and Harvard Professor Michael Porter

### About GF

GlobalFoundries is a leading full-service foundry delivering truly differentiated semiconductor technologies for a range of high-growth markets. GF provides a unique combination of design, development, and fabrication services, with a range of innovative IP and feature-rich offerings including FinFET, FDX™, RF and analog mixed signal. With a manufacturing footprint spanning three continents, GF has the flexibility and agility to meet the dynamic needs of clients across the globe. GF is owned by Mubadala Investment Company. For more information, visit [www.globalfoundries.com](http://www.globalfoundries.com).

### About PTC (NASDAQ: PTC)

PTC unleashes industrial innovation with award-winning, market-proven solutions that enable companies to differentiate their products and services, improve operational excellence, and increase workforce productivity. With PTC, and its partner ecosystem, manufacturers can capitalize on the promise of today's new technology to drive digital transformation.

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*The announcement of a customer's selection or implementation of PTC products is not necessarily indicative of the timing of recognition of related revenue or the level of revenue for any particular period.*

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