



- Global Software Company, \$1B+ Revenue
- Design, Manufacture, Operate, and Service "Things"
- Leading Industrial Innovation Platform and Solutions
- Global Network of 400K+ Developers and 1K+ Partners
- Proven Partner of the globally leading manufacturing companies since 1985

The Boston Globe

TOP PLACES TO WORK 2017







Superimposing computer graphics onto a live view of the world.

Also known as "AR"

CONVERGING PHYSICAL AND DIGITAL



Augmented reality reduces the mental effort needed to connect digital information about the physical world with the context it applies to.

Continental AR-head up display

ENABLING NURSES TO VISUALIZE VEINS

Accuvein is using AR to visualize the location of veins by sensing heat signatures and converting them into projections on the patient's skin.

Key Benefits

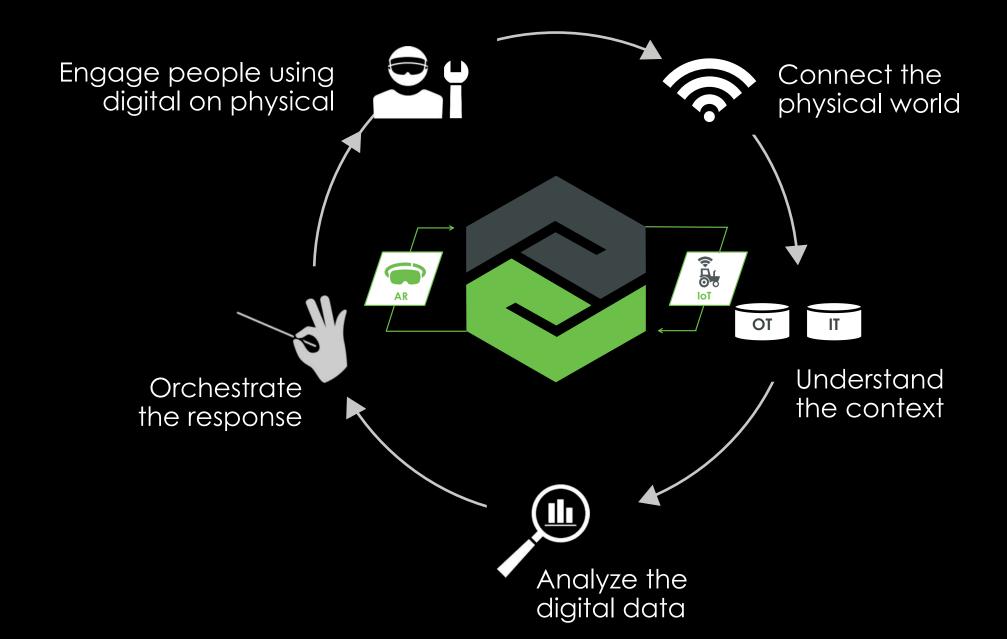
- 3x greater accuracy of first stick rate
- Reduced escalations by 45%
- Increased patient satisfaction



https://www.youtube.com/watch?v=Hk3ourZT1XY

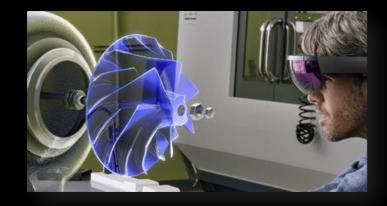
UNLOCKING THE VALUE OF PHYSICAL AND DIGITAL





AR OFFERS NEW CAPABILITIES





Visualize

Enhance the user's view of the physical world with the overlay of real-world or hypothetical digital information:



Instruct/Guide

Train or guide users on how to perform a task through the overlay of digital instructions or real-time expert guidance

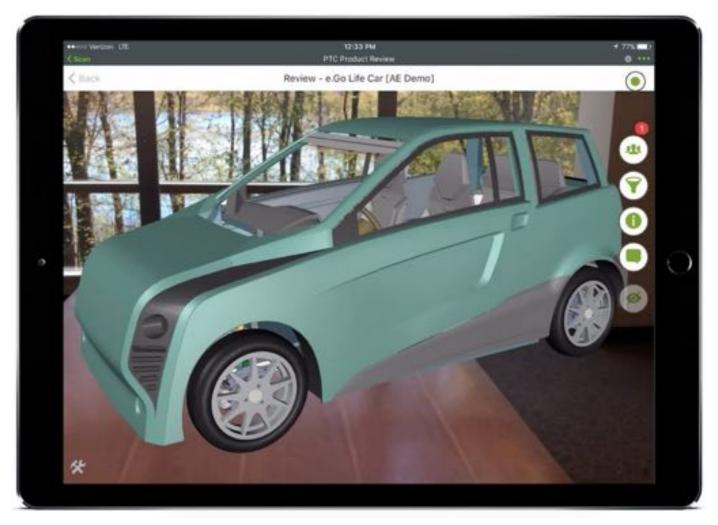


Interact

Manipulate digital information or extend a product interface through an Augmented digital interface

DESIGN REVIEW WITH AR





https://www.youtube.com/watch?v=znCZzvPEO-g

OPERATIONS

DHL is using AR to track pick lists and guide workers through the warehouse to the location of each product to be packed.

Value Metrics

- Reduced errors
- More engaged workers
- Productivity improved by 25%





PROVIDING INSTRUCTION TO SERVICE TECHNICIANS

Caterpillar is now moving into the next layer of technology in the service domain which includes the Industrial Internet of Things (IIoT) along with augmented and virtual reality.

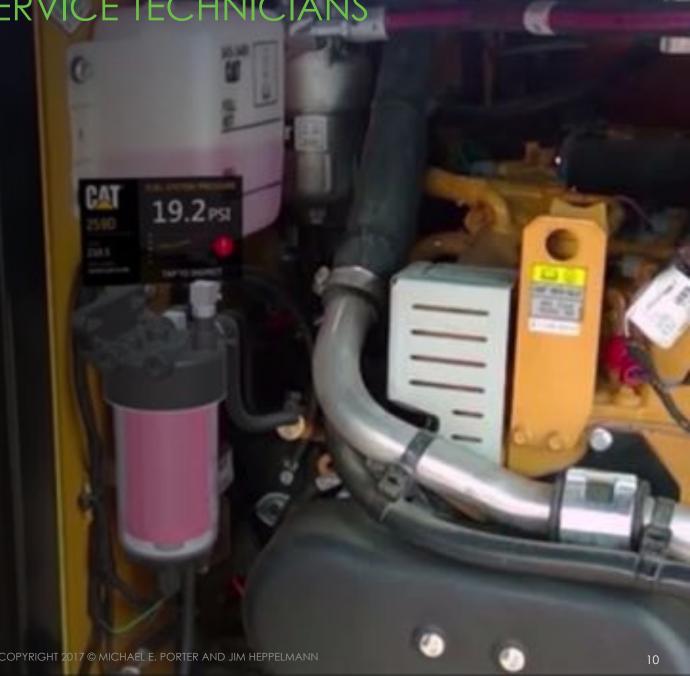
IoT and AR Strategy

"We have entire mine sites connected and interacting to make split-second decisions. Now we want to connect people and products."

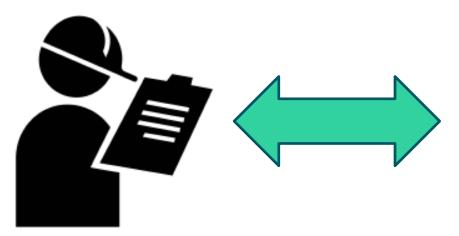
Terri Lewis,

Digital and Technology Director Caterpillar

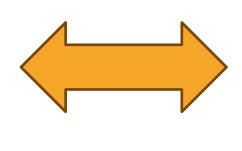




vuforia™ chalk









https://chalk.vuforia.com

thingworx® studio



Author & Publish AR Experiences

Access & View AR Experiences

"There is
nothing like ThingWorx
Studio from any other software
vendor. With ThingWorx Studio,
Microsoft HoloLens customers can get
to production incredibly fast."

Kevin Collins, Microsoft





Introducing thingworx studio







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ARTICLE COLLECTION

A Manager's Guide to Augmented Reality

Why Every Organization Needs an Augmented Reality Strategy by Michael E. Porter and James E. Heppelmann

How Does Augmented Reality Work?

Augmented Reality in the Real World

One Company's Experience with AR
A conversation with ABB's chief digital officer, Guido Journ

The Battle of the Smart Glasse





Google play



