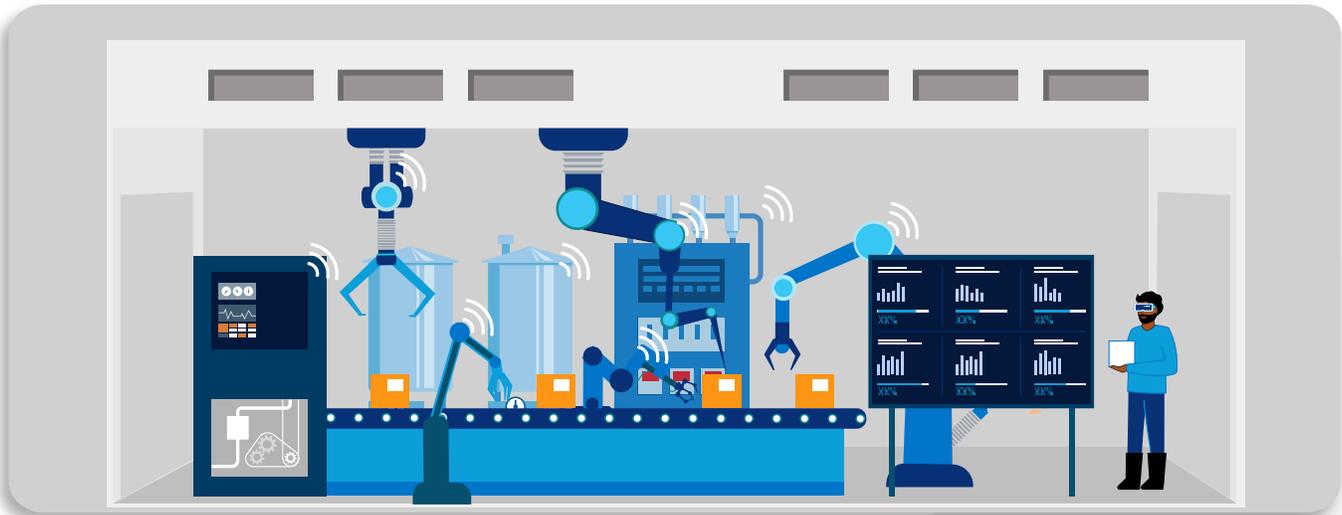


# Edge-enabled AR workflows

Leading manufacturers leverage edge computing supplemented with augmented reality (AR) to remotely onboard new equipment operators—enabling efficient workflows and reduced operation costs.



## How AR workflows work

- 1 On-site operator uses hands-free headset or mobile tablet to capture video of what they see in real time as live video streams to the edge cloud
- 2 On-premises edge processes live video and may overlay text instructions, CAD images or IoT sensor data onto headset or tablet view
- 3 Smooth and lag-free video streams in real time via edge infrastructure to equipment expert or senior operator in remote location
- 4 Data is sent from smart manufacturing sites to the public cloud for long-term storage

## Potential benefits

Saving on annual operator FTE budgets by

▶ **60-80%**<sup>1</sup>

Improving new worker onboarding time by

▶ **50-80%**<sup>1</sup>

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<sup>1</sup>McKinsey manufacturing expert interviews, January 2022

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