Edge-enabled AR workflows

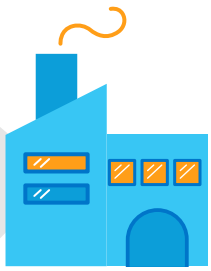
Smart manufacturing site

1. Hands-free headset or mobile tablet streams live video to edge cloud

Wi-Fi or 5G

Private 5G

Smart manufacturers can utilize a private 5G network if needed



2. On-premises edge processes video and potentially overlays other AR features

Lumen® Edge Gateway[1]

Lumen® SD-WAN

Lumen firewall

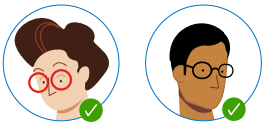
Lumen® IP VPN

Public cloud

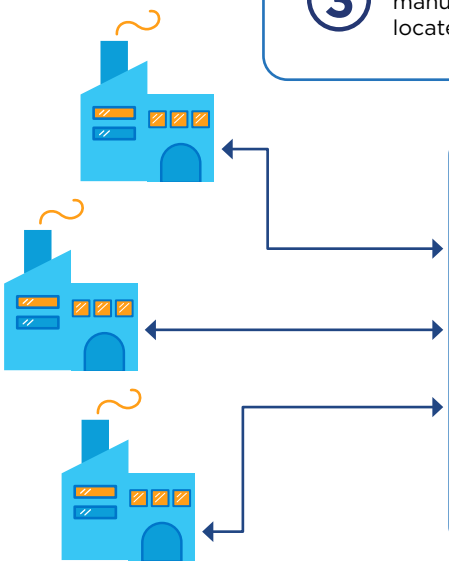
4. Data is sent from smart manufacturing sites to the public cloud for long-term storage

Remote experts

3. Live video is streamed from smart manufacturing site to remotely located experts



Edge cloud location



Lumen® Edge Bare Metal

Lumen® Edge Private Cloud

Lumen firewall
Lumen® Dynamic Connections IP VPN

To accommodate latency requirements, data can be sent from **multiple smart manufacturers to an edge cloud location** instead of an on-premises cloud and return results to smart manufacturers

Lumen Fiber Connectivity solutions
Lumen ITS, professional security services

Wi-FI or T-Mobile USA 5G

T-Mobile USA 5G

Lumen® Dynamic Connections IP VPN

[1]For high compute use cases, use Lumen Edge Gateway with Lumen Edge Private Cloud

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