

# Private Networks for Manufacturing

The **first edge API platform** that extends interference-free wireless coverage throughout facilities and gives you the freedom to control access to on-site infrastructure on a device-by-device basis.

## THE PROBLEM

### DATA IS THE LIFEBLOOD OF MANUFACTURING

Manufacturing is the point where technology meets machines, and when that connection isn't rock solid, disaster can occur. Sensitive data must be secured from intrusions, but latency can't be tolerated by factory automation. Real time monitoring has to be precisely that - real time - or it's going to have significant effects on productivity and profitability.

**24%** Manufacturing & Transport combined share of overall market in 2030.

From video surveillance of production lines and other automated service alerts to industrial robots that have to be precise to millionths of an inch, traditional unmanaged spectrum systems like Wi-Fi are too crowded, slow and unreliable to solve the needs of the modern manufacturer.

**WE MAKE CREATING PRIVATE LTE NETWORKS EASY SO YOU CAN CREATE YOUR PRODUCTS**

## THE ALEF SOLUTION



### BETTER COVERAGE

Blanket facilities with reliable wireless signals without the interference issues of Wi-Fi



### MORE CONTROL

Segment access for mission critical machinery or provide tiered service for guaranteed throughput



### CARRIER CLASS SECURITY

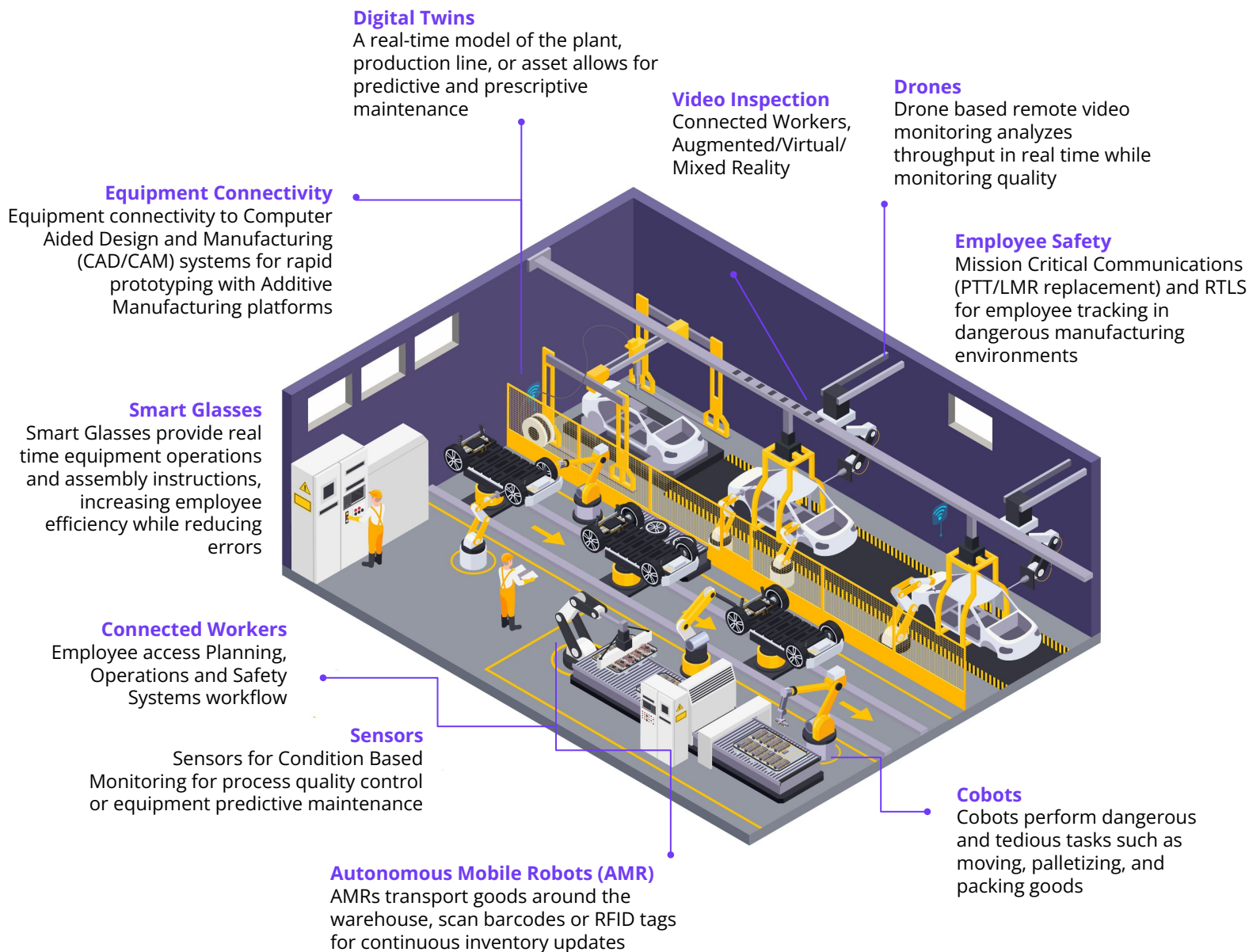
Secure data end-to-end with managed spectrum, keeping data within your existing firewalls



### COST, SPACE & TIME SAVINGS

Remove the need for expensive on-prem solutions and the massive footprint they require

# Use Case: Building a Connected Manufacturing Facility



**Private Mobile Networks implement carrier-class dependability and rock-solid mobility—the kind facility network managers and workers can depend on.**

## Industry Validation

### VentureBeat

“Alef’s **expertise in APIs**, building strong developer relationships and solid track record of enabling enterprises’ mobile applications with Edge Points serving as the mobile abstraction layer are helping to **create the mobile network-as-a-service (MNaaS) market.**”



“**Simplifying the process of deploying mobile networks** inside the enterprise security perimeter will make it faster and easier for companies to integrate new technologies and applications”