Augumenta SmartEyes

Realtime Comms and Visibility into Remote Locations
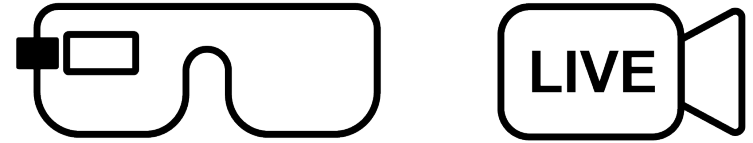
Pre-COVID-19 era: experts visit remote locations

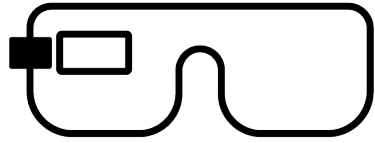# Problem

Solution

Expertise is needed at remote locations but experts cannot travel

Send SmartEyes kit to remote locations and let experts solve problems without traveling

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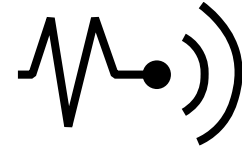# Enabling Maximum Awareness to Remote Experts

Smartglasses

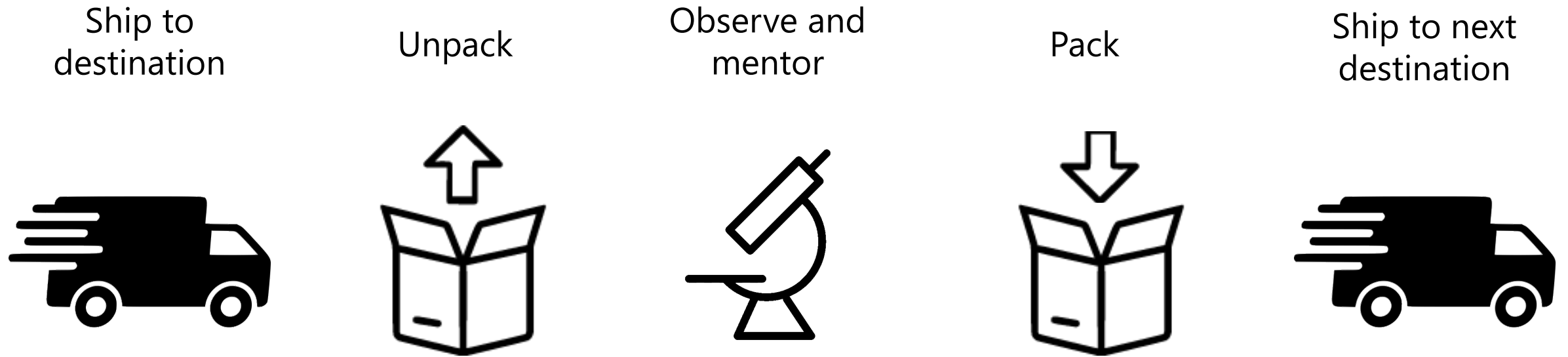See what the user sees and provide instructions

Streaming cameras

High-quality video feeds (with slow motion and recording possibility) from selected locations

Wireless sensors

Understand the environmental variables not visible in video feeds

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Designed for Efficiency and Ease-of-Use

Ship to destination

Unpack

Observe and mentor

Pack

Ship to next destination

1 day

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Deployment at Destination

Wireless sensors

Workers with smartglasses

4G/5G camera and sensor data transmitter

How Remote Experts See It

Realtime data from wireless sensors

Thumbnails of live video feeds from the destination

Selected video feed in full-screen view

Experts in the call

Glass #1

Sensors

Vibration (mm/s²)

0

Temperature (°C)

23.1

SmartEyes #1

Glass #1

My camera

Tanisha

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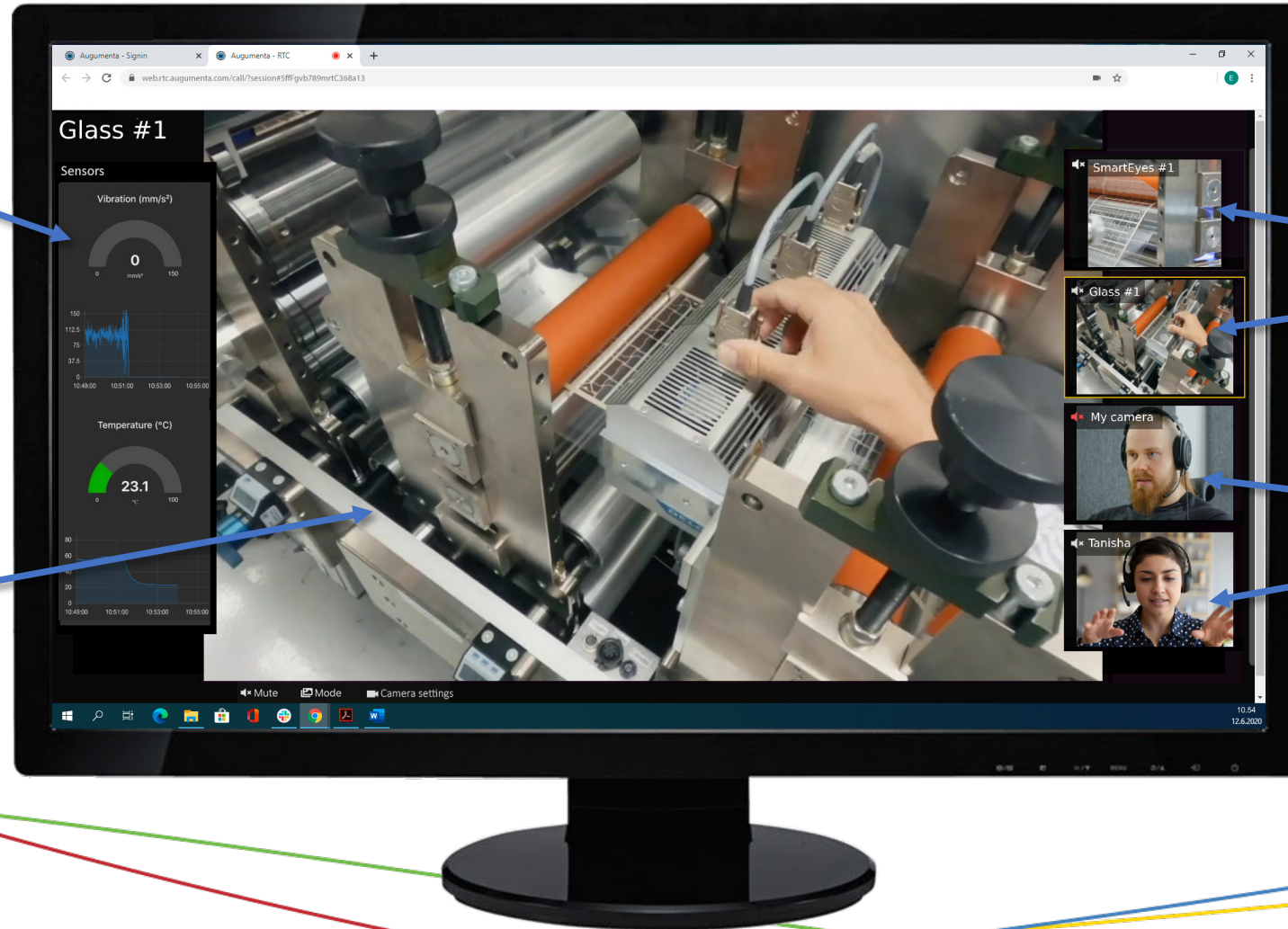
A scalable solution

Compact

1080p30fps video
WLAN/RJ45 network
Dustproof

Standard

1080p30fps video
Short-range sensors
4G in selected countries
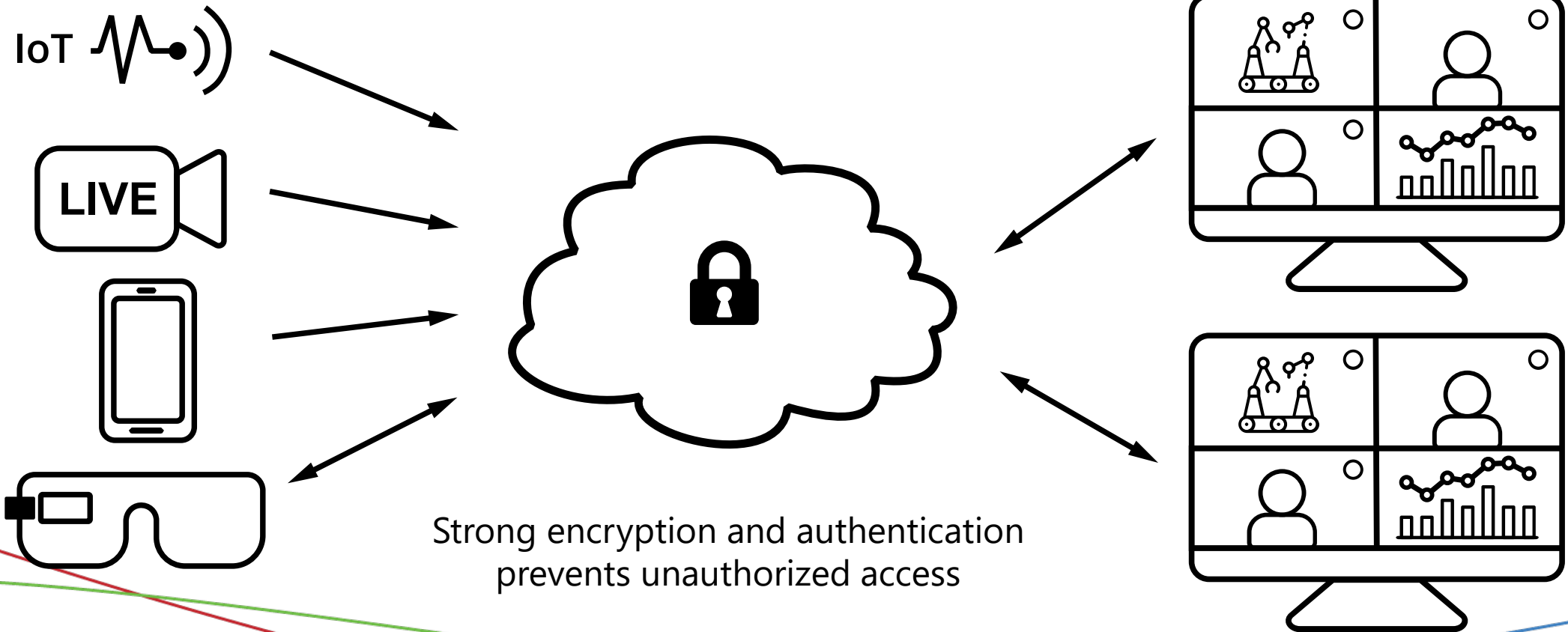Dust and waterproof

Powerhouse

Slow-motion video
HQ streaming
Global 4G/5G
Long-range sensors
Extreme weather

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Augumenta End-to-End Architecture

Remote location

Private Cloud

Expert locations

IoT

LIVE

Strong encryption and authentication
prevents unauthorized access

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Key Features

- Easy and fast to take in use; just unbox and turn it on

- See what the workers see while giving instructions to them

- Extra HQ eyes on the field; see more than a human eye could

- IoT sensors for sensing what you can't see

- Multiple experts in a session

- Independent of destination IT systems; no integration needed

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SmartEyes Value-Add

1. No traveling; people stay safe, less money spent, smaller CO_2 footprint

2. Maximize experts' time utilization

3. Better visibility into the target being observed

4. Multiple experts involved leads to faster problem solving

5. Establish yourself as a leader in post-COVID-19 world

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