

LANTERN POSITIONING



Optimized Safety and Productivity in Harsh & Hazardous Areas



Oil and Gas



Chemical Plants



Mining



Pharmaceuticals

Increase site awareness and ensure the safety of your workers, even in the toughest conditions

- ✓ Automation for site awareness and safety
- ✓ Designed for quick deployment and tear down
- ✓ Supports multiple sites through public/private cloud
- ✓ Open and scalable
- ✓ ATEX and IECEx certified

HOW LANTERN WORKS

Improve the safety and productivity of your workers by increasing site situational awareness and automating slow manual safety processes

1



Workers are assigned wearable tags for easy identification

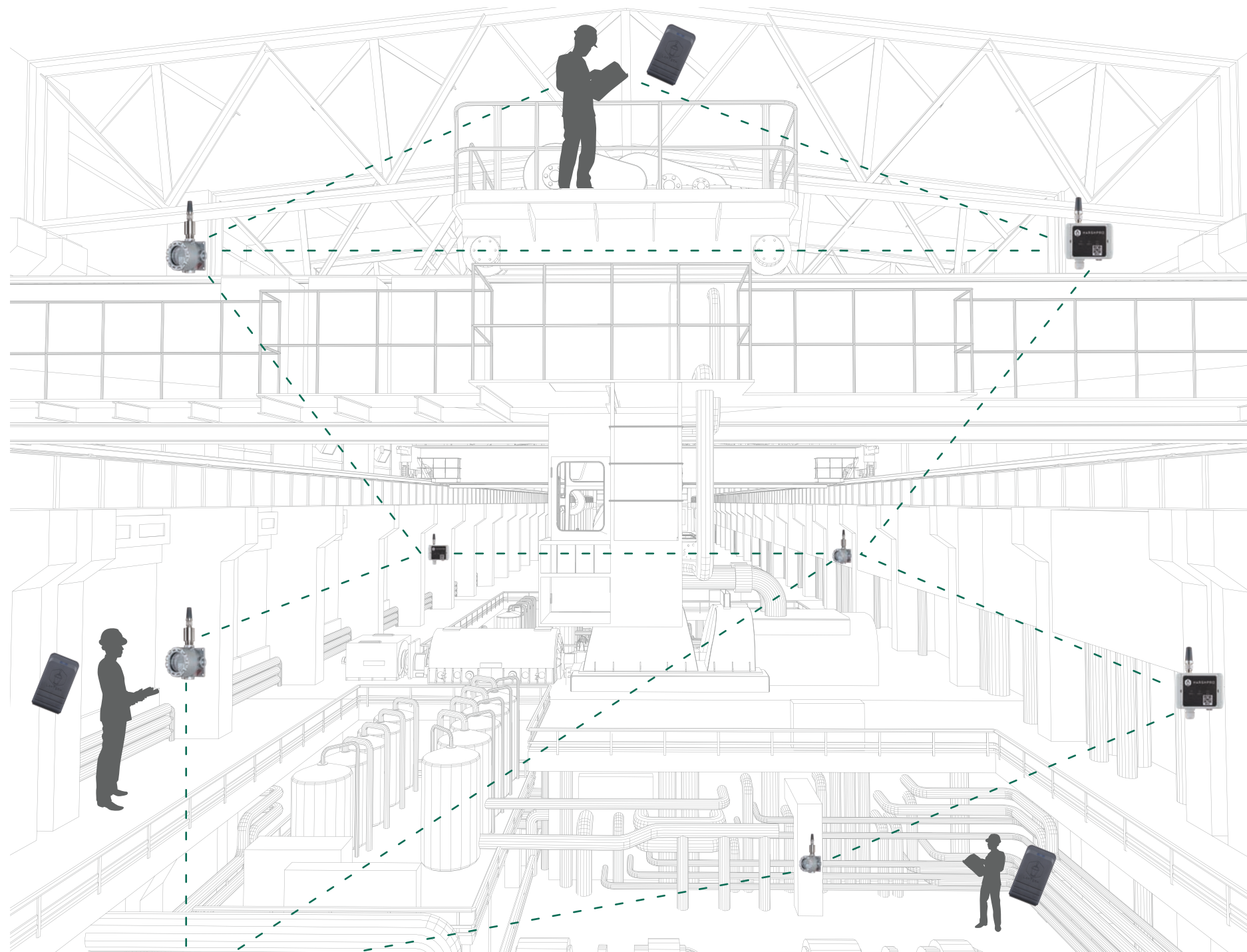
- ✓ Ex 'ia' intrinsically safe rated
- ✓ Low-power with extended operating life
- ✓ Wireless charging and Over-the-Air firmware (OTA) updates – low maintenance required

2



HarshPro™ and/or HazPro™ links form a standalone, self-healing mesh network around your site

- ✓ Compact design, easy to deploy
- ✓ Supports multiple low bandwidth protocols
- ✓ Designed for harsh environments and hazardous-rated areas



LOCALIZED CLOUD



PUBLIC/PRIVATE CLOUD



REMOTE LOCATION

3



HarshPro™ Server provides robust processing power and data analysis on site

- ✓ Designed to work standalone or clustered in remote harsh environments
- ✓ Passive fanless cooling design with IP66 rating (dustproof + water resistant)
- ✓ Powerful Intel® Xeon® processor providing true data center class capability

4



Lantern Positioning software gives you an easy-to-use overview of your site and workers on site and remotely

- ✓ Open extensible software – easy to add new services and apps
- ✓ Deployable on public and private cloud networks for increased privacy and security
- ✓ Supports multiple sites

FEATURES & BENEFITS



Secure, automated & private positioning

- Efficient personnel management
- Extensible to include asset tracking
- Enhanced safety & productivity



Simplified deployment

- Cost-effective installation
- Re-usable
- Easy to use UI accessible from any desktop or mobile browser



"Admin-lite" design

- Reduced operational & maintenance load with components and hardware being self-healing/remotely upgradeable/low powered



Auditable data for workplace accidents

- Risk mitigation & reduction in insurance premiums



Mesh network

- Reduced installation & cabling costs
- High redundancy
- Enhanced security
- Reduced administration
- Future support for multiple protocols



Public/private cloud

- Supports private cloud networks – enhances data protection and security
- Flexible to integrate into existing infrastructure



Open, extensible software platform

- New services & applications can be added in an agile manner



Bundled software & hardware with end-to-end support

- Lower lifetime total cost of ownership (TCO)

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