

PRELAUNCH CHECKLIST

HARDWARE

Surgere's solutions connect to the internet to transmit real-time data, whether you're installing a single piece of hardware or multiple.



Floor-mounted systems to capture and monitor the activity of inbound and outbound assets.

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Portals



Ceiling-mounted systems between 20-30 feet high capturing the movement of assets.

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Overheads



Multi-purpose mounted systems to track production or process steps throughout a facility.

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Patch Antennas



Portable devices to track and identify assets while they are on the move.

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Handhelds

QUESTIONS TO ASK

General Information

- ☐ How big is the facility? (sq. ft and ceiling height)
- ☐ In what areas do you want visibility? (production steps, receiving and inventory movement)
- ☐ Are your production and manufacturing processes automated or manual?

Asset Information

- ☐ What are you tracking? (finished goods, reusable containers, one-time use containers)
- ☐ What is your average monthly production or usage volume for the asset?
- ☐ Are your assets located indoors, outdoors, or in both?

TEAMS TO INVOLVE



Facility Operations & Team Leaders



IT Security



IT Networking

Pre-Launch IT Tasks

- Local support for site survey
- CAT6 Network/ethernet drops
- Standard PoE Switch (15.4w)
- Dedicated unique IP address for all RFID hardware

Server Requirements (when applicable)

Server: Virtual/Physical

Memory: 16GB RAM

Operating System: Linux (Ubuntu preferred)

Software: Docker (installer provided)

Storage: 100GB HD

Firewall Port Requirements

Port	Protocol	Description
443	HTTPS	Securely transmit data from client to Surgere
2222	SFTP	Securely transfer software updates to readers
123	TCP	Allows readers to remain synced to the accurate time based on nearest NTP server
8883	MQTT	Securely transmit data from client to Surgere
5671	AMQP/TCP	Securely transmit health status of devices
5494	TCP	Allows remote control of handheld devices for software updates and troubleshooting

