



CUSTOMER FREQUENTLY ASKED QUESTIONS (FAQS)

1 WHAT IS HONEYWELL FORGE PERFORMANCE+ FOR DISTRIBUTION CENTERS?

Honeywell Forge Performance+ for Distribution Centers is a fully integrated solution that optimizes warehouse operations by offering visibility into asset performance, worker capacity, and site throughput all in one place.

The industrial software solution helps to drive worker productivity, increase visibility, and promote smarter decision-making for continuous process improvement. Honeywell Forge Performance+ delivers real-time insights that enhance operations and streamline warehouse workflows by identifying problems before they exist with predictive maintenance.

Performance+ connects siloed systems, automates processes, and digitizes distribution center operations. Information is shared from the top floor to the shop floor empowering all levels of management with tools to drive business growth.

2 WHAT PARTS OF MY WAREHOUSE DOES PERFORMANCE+ FOR DISTRIBUTION CENTERS MONITOR?

Material handling systems that we define as critical path:

- Merges
- Sorters
- Induct
- Recirculation

Functional areas:

- Picking
- Shipping
- Scanning

Additional machine monitoring sensors:

- Vibration sensors
- Temperature sensors
- Power meters

3 WHAT THINGS CAN PERFORMANCE+ FOR DISTRIBUTION CENTERS DETECT?

- Belt drive misalignment
- Drive shaft misalignment
- Motor overheating
- Motor failure
- Gearbox misalignment, damage or failure
- Voltage or power irregularities
- Demand overages
- Phase drops
- Scanner read failures
- Improper installations
- Connection pin failures
- Loose or damaged cables
- Locked motor
- Bearing lubrication
- Vibration failures
- Lagging control signals
- Site-wide throughput deviations
- Operations inefficiencies such as labor allocation

4 HOW SOON UNTIL I CAN SEE RESULTS?

- Implementation is easy without the need for an expensive rip-and-replace project or business downtime.. The open platform allows organizations to connect easily to their existing systems and assets while creating new capabilities. As a result, businesses can start right away with the equipment they have, identify the key areas for focus and leverage their existing assets to create new capabilities.
- You can expect immediately results for critical or near-critical failures.
- For the most valuable insights, we recommend at least 90 days for sensor data and 30 days for operational data.
- In summary, you can gain quick insights into asset health, faults and alarms and then build historical data over time to gain insights into removing bottlenecks and continue to improve efficiency.

5 HOW IS INFORMATION COMMUNICATED?

Information is collected from both existing control system and field installed sensors.

6 IS THE CONNECTION SECURE?

- The connection is outbound communication only on secure internet ports (HTTPS://, 443).
- The customer also has ownership of the server where the SDX resides and can use their preferences for server, virus detection and firewall configuration.