

# ENSURE DATA INTEGRITY, COMPLIANCE AND UPTIME FOR YOUR PHARMACEUTICAL SITE

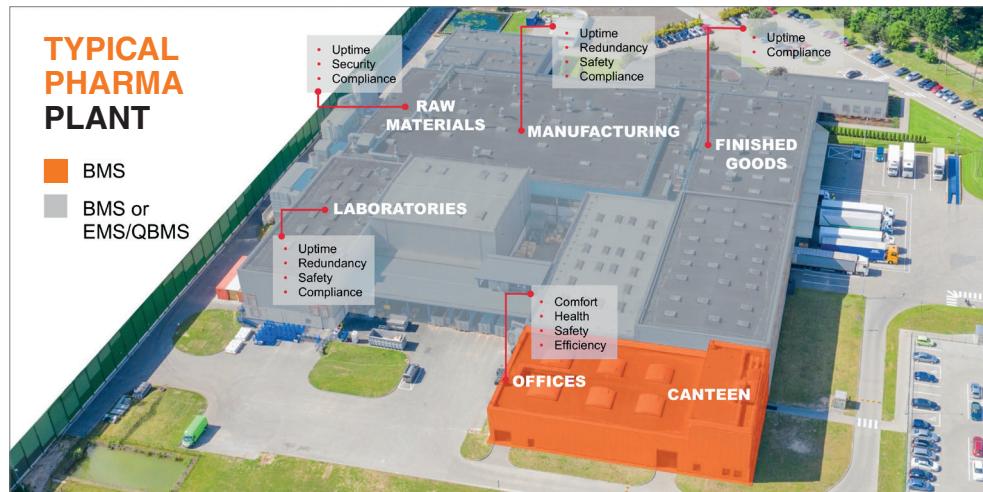


**PHARMACEUTICAL SITES HAVE NUMEROUS ZONES, EACH SERVING A DIFFERENT PURPOSE WITH VARYING ENVIRONMENTAL CONDITIONS.**

Critical areas such as laboratories and manufacturing prioritise compliance and uptime whereas in other areas comfort may be the goal. Easy access to environmental data and alarms along with accurate electronic records keeping is key.

## TYPICAL PHARMA PLANT

■ BMS  
■ BMS or EMS/QBMS



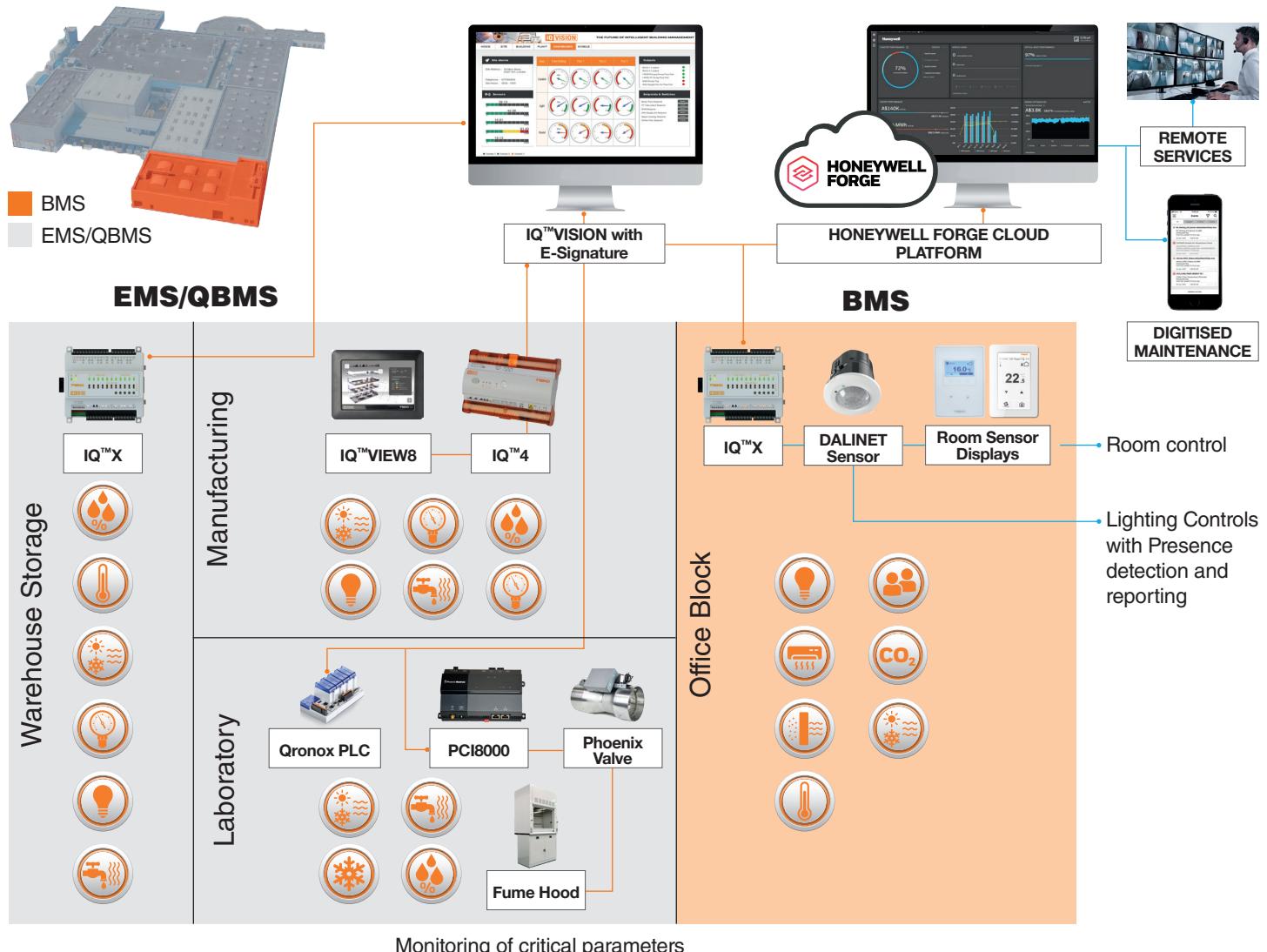
## TREND SOLUTION BENEFITS

- Compliance**  
Compliance to 21CFR Part 11 and EU GMP Annexure 11 for continuation of trade in a global market
- Data Integrity**  
Ensuring critical data is always logged and recorded for authorised access whenever required
- Flexible and scalable**  
Many integration options with different subsystems and 3rd party equipment ensuring better visibility, all in one place
- Proven support**  
Global network of highly trained Trend Partners to assist with new installations, system upgrades, service and maintenance

## KEY FEATURES

- The E-Signature module on the IQ<sup>TM</sup>VISION Supervisor ensures compliance with industry standards
- Intuitive dashboards and reports provide consolidated point history information along with alarms and event histories
- Intelligent insights are delivered via analytics on the Edge using Niagara Analytics or on the cloud using the Honeywell Forge cloud platform
- Managed services for alarm management, fault diagnostics and response

# A COMPLETE PHARMACEUTICAL SOLUTION



## SOLUTION COMPONENTS

### Software



#### IQVISION SUPERVISOR

Trend's IQVISION is a building monitoring and management solution built upon the powerful Niagara Framework. E-Signature application on IQVISION facilitates compliance with 21 CFR Part 11

### Hardware



#### IQ™ CONTROLLERS

Trend's IQ4 and IQX are intelligent digital HVAC controllers that enable you to monitor and control your critical equipment on site with a small footprint



#### QRONOX PLC

Best in class PLC controller: A redundant, cyber-secure controller to ensure interruption-free operation of your systems and processes



#### VENTURI VALVES

Phoenix Control valves provide a range of high performance airflow control valves for maintaining airflow integrity for specific applications



#### FIELD DEVICES

Trend have an extensive range of peripheral devices including sensors, valves, actuators, variable speed drives, meters and many more!



#### HONEYWELL FORGE

Applications like Digitised Maintenance and Energy Optimisation use the powerful Honeywell Forge cloud platform to provide analytics for improved performance and uptime



#### REMOTE MANAGED SERVICES

Services include 24/7/365 critical alarm monitoring, remote fault diagnostics and response; all offered via our Remote Building Operations Centre ensuring faster response to site issues