

GRANTEK

at **INTERPHEX**

At Grantek, Smart Manufacturing is much more than just a process – we take a holistic approach to designing, deploying, and managing enterprise-scale manufacturing solutions, allowing companies to utilize accurate and timely data to make informed decisions, enable people, and capture new markets.



PHARMA 4.0™ CONSULTING

SEE THE BENEFITS OF PHARMA 4.0™ TECHNOLOGY WITH GRANTEK'S HELP



Improvement of production processes flexibility and employees' productivity



Improvement in market positioning compared to other pharmaceutical companies



Better governance illustrated by an optimized organization and administrative resources usage



Better data traceability and waste reduction, among others

AND MANY MORE...

DATA INTEGRITY

GRANTEK'S DATA INTEGRITY ASSESSMENT APPROACH

Grantek offers data integrity auditing to help establish a baseline and identify gaps in data integrity. Grantek provides customers with a Data Integrity Assessment Approach that is specifically tailored for your needs. We take this holistic approach with a risk-based perspective in mind.

DESIGN SOLUTIONS

Grantek will help to design a combination of remediation solutions and estimated costs for risks identified

VALIDATION

Grantek will assist to perform system tests, and develop qualification and change management documentation

CONTINUOUS IMPROVEMENT

A continuous improvement and internal auditing program should be developed and followed with any DI changes

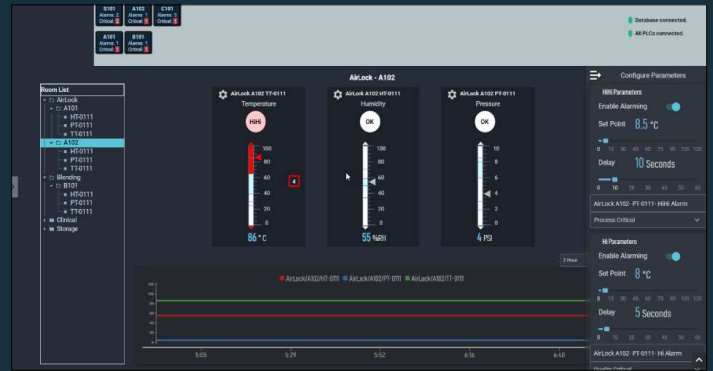
GRANTEK'S SOLUTIONS & EXPERTISE

BAS/BMS AND EMS

BAS/BMS Solutions from Grantek ensure automatic control and regulation of your facilities environmental subsystems allowing you to control your facility and optimize your operations.

Grantek's EMS Solutions provide manufacturers with real-time monitoring of environmental quality within the facility.

Grantek also created the BAS Lite solution to specifically meet the needs of our Life Sciences customers. Visit our website to learn more.



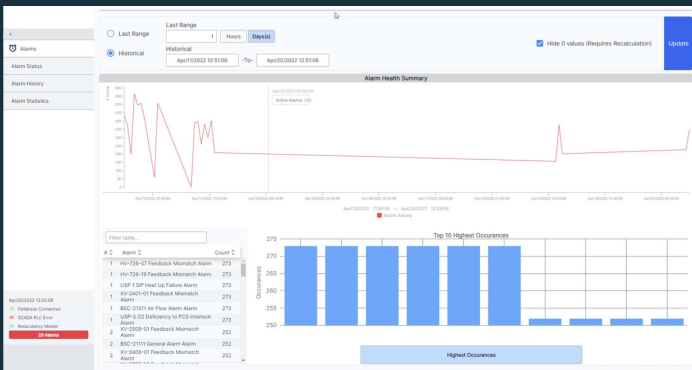
*Room Summary

PROCESS AUTOMATION

Whether a facility is integrating a new process, or is improving an existing process through automation or integration to enterprise systems, Grantek can assist. In 2021, Grantek executed over 350 projects in the Pharma and Life sciences industry with scopes including PCS and SCADA.

Grantek has experience designing Automation Solutions for:

- Batching Systems
- Clean in Place (CIP) systems
- Continuous Processes
- Dry Material and Liquid Processing



*Alarm Statistics

GRANTEK'S OEE ACCELERATOR

Grantek has assembled the core functionality of Sepasoft's OEE and Downtime MES module to expedite delivery of Performance Monitoring solutions on the Ignition platform.

Grantek's OEE Accelerator delivers a strong foundation for Ignition MES deployments with fast time-to-value providing customers immediate results and returns. It is designed for flexibility and scalability to adapt to your unique processes, business cases, and factory environments.

For more information on Grantek's OEE Accelerator and other Solutions, visit grantek.com



*Line Efficiency Dashboard in Perspective

