

# **Challenges**

### Optimize productivity and efficiency

You are under pressure to improve operational and energy efficiency, requiring higher peak pressures and optimized pulse cleaning. Compressed air usage must be reduced, with reliable and early detection of filter bag leaks that impact performance and sustainability.

OPTIMIZE
CLEANING
PERFORMANCE
TO REDUCE
OPERATIONAL COSTS



#### **Increase reliability**

Greater dust collector reliability and availability is required, with equipment failures and unexpected downtime prevented. Insights into system health and performance are needed to support predictive maintenance strategies and improve overall equipment effectiveness.

GAIN INSIGHT
INTO DUST COLLECTOR
PERFORMANCE AND
HEALTH



#### Speed time to market

Dust collector designs and manufacture processes must be simplified and optimized, helping to streamline approvals and industry certification processes. There is a need to reduce the number of suppliers to streamline procurement, with support provided globally. INTEGRATED SOLUTIONS REDUCE TIME TO MARKET AND MAXIMIZE PROFITIABILITY





## OUR SOLUTIONS - Increase the reliability and efficiency of your dust collector system

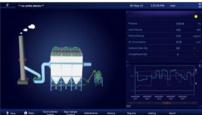
With Emerson's SCADA and analytics software, control systems, condition monitoring and ultra-reliable valves you will be able to monitor and improve the performance of your dust collector systems. As a result, these will require less maintenance, consume less energy and create lower operational costs for the end-user. Advanced automation technology integrates seamlessly, helping to simplify designs and manufacturing processes, while a comprehensive portfolio with all necessary industry certifications streamlines the procurement and approvals processes.

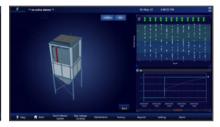
Scan or click the OR codes below to discover our solutions that will optimize your cleaning performance, prevent dust emissions and reduce complexity:

### **HMI/SCADA Software**

Innovative and flexible software solutions provide analytics and visibility to dust collector application productivity and energy consumption.









### **Diagnostics & Controls**

**ASCO™ Series DPT P150 Particle Monitor** 









**ASCO Series DPT P152 Particle Sensor** 



**PACSystems™ RSTi-EP** 



**ASCO Series E909 Electronic Valve Controller** 





**PACSystems Edge Computing** and Software











TopWorx<sup>™</sup> GO<sup>™</sup> Switch **Position Sensors** 





**PACSystems Power Monitoring Module** 





### **Dust Pulse Technology Solutions**

**ASCO Series 353 Pulse Solenoid Valve** 







**ASCO Series 257 Pilot Valve** 



**AVENTICS Pneumatic Cylinders** 





