

Environmental Monitoring System

InfoCarrier® EMS

The Environmental Monitoring System of the InfoCarrier® (EMS) records, visualizes and documents conditions of the production environment, such as temperatures, pressures, humidities, particle quantities, as well as, for example, equipment values such as temperatures of freezer cells/cabinets. And it does this from both stationary and mobile sensors. For this purpose, we use standardized modules developed and pretested in-house by onoff, which can be extended with additional functions such as gradient calculation, automatic limit value adjustment, data buffering or batch-related reporting. With InfoCarrier® EMS, customer-specific requirements for the system can be realized and precisely implemented in widespread automation systems, such as SIEMENS S7/Tia; PCS7 or also Wonderware InTouch.

Our Services

- Standardized monitoring functions according to many years of best practice experience
- Prequalified onoff scale based on established industry components and standard software
- GMP and FDA compliance where required
- Efficient qualification and validation of the system
- Everything from a single source: planning, implementation, commissioning and after-sales support
- Modularity: components and functions can be connected or disconnected as required
- Flexible reporting functions, for traceable and documented production conditions at any time

Success Factors

- Many years of expertise in automation technology and regulated industries (GMP environment)
- Production automation and monitoring system combined on one technical platform
- Affordable and easy to maintain – even during the operating phase
- Professional and lean alarm management
- Continuous storage of measured values, alarms, events and AuditTrail data
- Consideration of individual interfaces