mirrhia

GLOBAL GMP MONITORING SOLUTION

Get the most out of your EMS

Turn key solution
Connect any sensor
& equipment

Environmental Monitoring & Contamination Control

Unique & global GMP monitoring platform

Control in real-time:

- Temperature
- Humidity
- Pressure
- CO_2
- Particles
- pH
- Dew point
- TOC
- Dry contact
- H_2O_2
- Level
- Bacteria
- Fungus
- CFU

And much more...

Mirrhia is an independent monitoring solution, centrally validated, configurable, scalable and open to control all critical parameters

UNIVERSAL

Fully configurable
Multi-connectivity (4-20mA, Ethernet, RF, modbus, OPC, IoT ...)
Brand-agnostic
Multi-sites and buildings, ...

EXTENSIBLE

Easy and automated integration
Adapts to existing rooms
New sensors without system shutdown

ROBUST

Data integrity
Guaranteed compliance
Redundancy, buffering
Gamp5 Category 4 deployment
21 CFR part 11

Transform your regulation constraints into competitive advantage

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Lifecycle management

- Modes: in operation, at rest, cleaning

Real-time views and dashboard

- User-friendly & ergonomic
- Unlimited number of configurable maps and lists, with easy drag & drop editing

Alarms

- Smart alarms and notifications management
- Multiple sets of thresholds and delays, meta-alarms
- Acknowledgement with pre-defined or free comments
- Notification via beacons, buzzers, e-mail, SMS, smartphone

Particle counters and air samplers

- Automated location
- Download data from your mobile particle counters
- Start and stop your counters remotely or automatically

Microbiology traceability

- Complete lifecycle management and traceability of Petri dishes, from in-area sampling to lab analysis
- Control of plates, samples, operators
- Timers management with notifications
- Incubation and results

Reports and EBR

- Standard and customizable reports
- Batch reports
- Analysis, trends and charts
- PDF, CSV, XLS
- Scheduled reports

Calibration management

- Status and certificates management
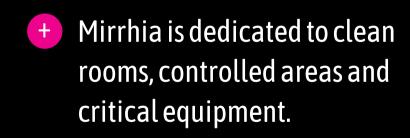- Real time view of calibration status
- Alarms

System health and diagnostics

- Get direct feedback on current system state
- Diagnostics information and history of system events

Task manager

- Follow calibration, cleaning, gowning and other manual tasks
- Create, assign and schedule tasks to groups and users
- Audit trail with electronic signature

+ Mirrhia is dedicated to clean rooms, controlled areas and critical equipment.

+ Mirrhia is a Web-based solution available from any device.

At the heart of the pharma organization

Production :

- Monitor all parameters: T°, RH, pressure cascades, deltaP, particles, CO_2, microbiology, ...
- Measurements configuration, views, trends, charts, reports & alarms
- Open to any equipment and sensor

Quality :

- Data integrity
- Single centralized data source
- Data historization
- Validated reports, access rights, audit trail
- Regulatory compliance

IT :

- Single global infrastructure
- Smooth integration in the existing infrastructure
- Standard technologies: SQL Server, Active Directory, ...
- Open to other systems: LIMS, EBR, MES, AMS, ERP, ...

Engineering & maintenance :

- Acquisition via analog signal, Ethernet and radio-frequency
- Extensible without limits and without shutting down the system
- Quick and easy learning curve
- Preventive maintenance (calibration tracking)
- Predictive maintenance (statistical rules)

Microbiology

Contamination control through full digitalization of the biomonitoring process.

Mirrhia is a solution that combines industrial robustness with the flexibility of modern technologies

Our experience:

- 25+ years EMS expertise
- 100+ references
- 100% project success
- 100% user satisfaction
- 3500+ monitored clean rooms

SYSTEM VALIDATION ★★★ FULL DATA SECURITY
FDA 21 CFR Part 11 Compliance
WORLD CLASS IT ★★★ RISK ASSESSMENT

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🌐 http://www.mirrhia.com