

# Building Management & Environmental Monitoring System for Remington Pharmaceutical Industries

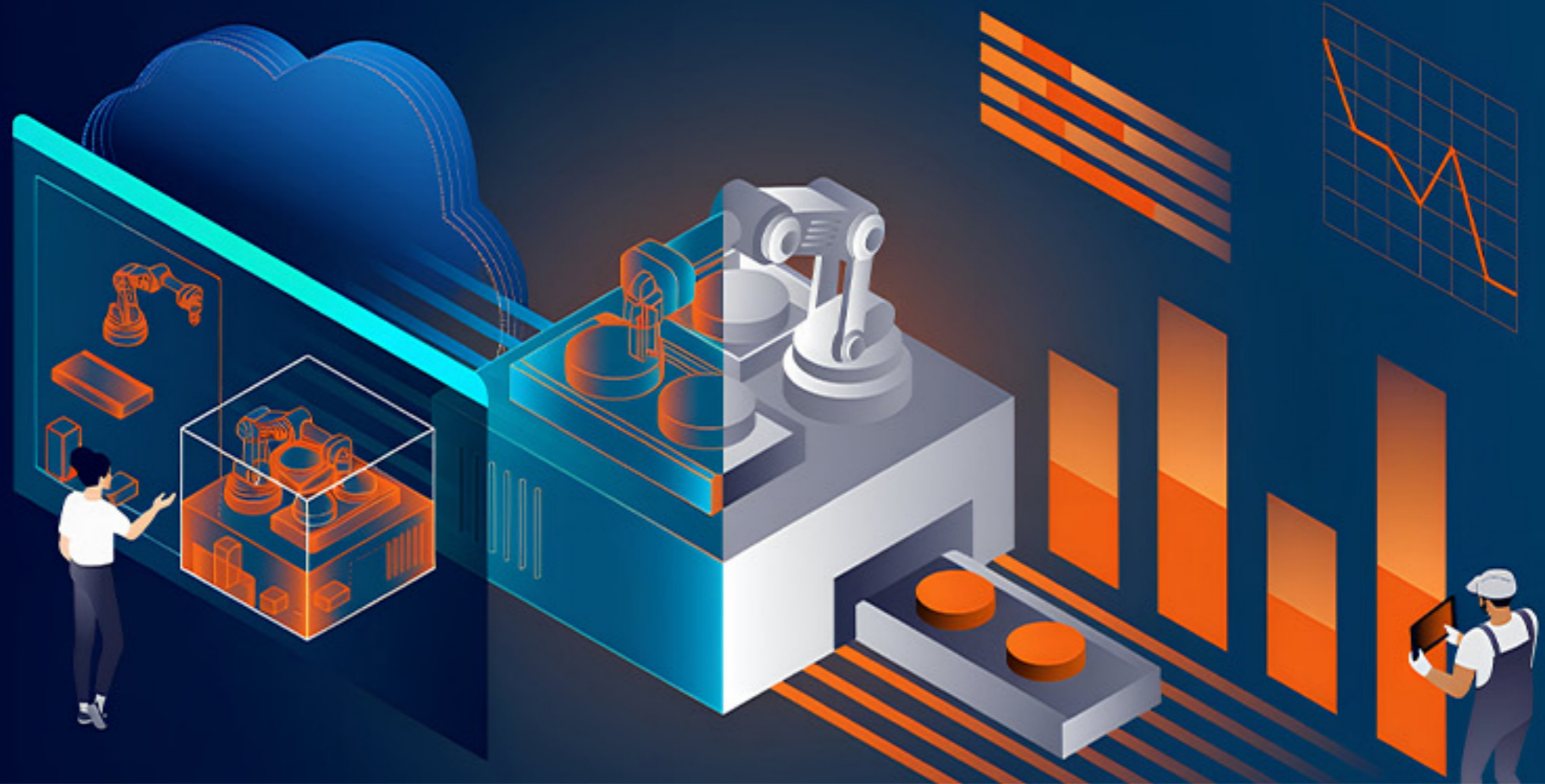


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# The Challenge



Remington required a robust Building Management and Environmental Monitoring solution to ensure continuous control of pharmaceutical manufacturing environments while meeting global compliance standards.



HVAC & Utilities  
Control



Critical Environmental  
Parameters



Sterile Area  
Monitoring



Regulatory  
Compliance



Audit & Validation  
Readiness



Secure Web-Based  
Access

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# Our Smart Solution

To meet Remington's compliance critical requirements, Avanceon implemented a Siemens-based centralized Building Management and Environmental Monitoring system.



## **Centralized Monitoring & Control:**

Unified management of HVAC systems, utilities, and environmental parameters across the facility



## **Role-Based User Access & Security:**

Ensured only authorized personnel could perform GMP-critical actions



## **Audit Trails & Electronic Records:**

Secure, computer-generated, time-stamped audit trails for all critical activities



## **Alarm & Event Management:**

Comprehensive alarm handling for proactive monitoring and rapid response



## **Electronic Signatures & Procedural Controls:**

Controlled execution of GMP-critical actions in line with regulatory requirements



## **Data Archiving & Retrieval:**

Reliable storage and retrieval of historical data for inspections and audits



## **Backup, Restore & Disaster Recovery:**

Ensured system resilience and operational continuity

# The Impact



## **Regulatory Compliance Assurance:**

Aligned with global pharmaceutical regulatory & compliance standards (FDA 21 CFR Part 11) & EU GMP Annex 11: Computerised Systems



## **High Data Integrity & Audit Readiness:**

Secure, validated, and traceable electronic records



## **Reliable Environmental Control:**

Stable and compliant conditions across clean rooms and sterile areas



## **Operational Efficiency:**

Reduced manual intervention and improved process consistency



## **Energy & System Optimization:**

Improved system reliability and performance




## **Advanced Pharmaceutical Reporting:**

Audit-ready reporting supporting inspections and compliance reviews



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# AVANCEON

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Comprehensive training was conducted for the Remington team to ensure confident system usage, smooth adoption & long-term operational effectiveness.

## Get in Touch

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