

Digitalization: The Key to Smart Factory Automation

At SMC, Digitalization is at the heart of our Digital Transformation, driving new growth opportunities and reinforcing our leadership in smart factory automation.

With a top-down integration approach, we seamlessly incorporate sensors into any system—whether SMC or other existing brands—enabling a smooth transition to SMC’s smart air automation solutions, including:

Smart Air Management System

Remote Wireless Communication

Advanced Sensor & Regulator Technologies

This “Take-All” Strategy accelerates the adoption of SMC’s smart automation systems, from actuators to valves and pneumatic accessories.

Why Digitalization Matters?

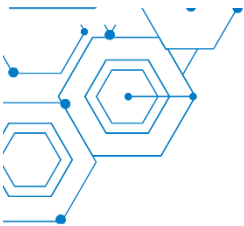
Enhanced Connectivity – Real-time data insights & seamless integration

Predictive Maintenance – Reduce downtime & extend equipment lifespan

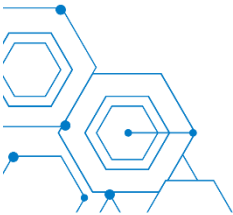
Optimized Performance – Boost efficiency & lower costs

Sustainability Impact – Smarter resource management for a greener future

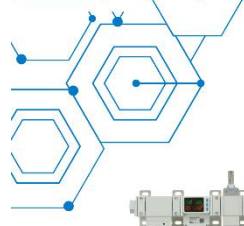
The future of Smart, Sustainable 4-bar Automation is here. Let’s innovate together!



Transform your factory with SMC Digital Architecture solutions. Leverage real-time monitoring and data-driven insights to boost productivity, quality, and innovation. Seamlessly integrate up to 100 IO-Link sensors with cloud systems or edge processing via OPC-UA, all without altering infrastructure. Streamline operations and drive continuous improvement with SMC Digital Architecture.



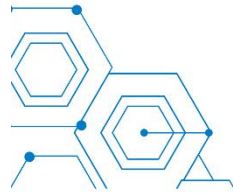
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DIGITALISATION & ITS ECOSYSTEM



- Air Management System ✓
- Compact Wireless Communication ✓
- Pressure Sensors ✓
- Humidity Sensors ✓
- Flow Sensors ✓
- Electric Pressure Regulators ✓
- Electric Flow Controller ✓
- Static Neutralization Sensors ✓



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