At the Forefront of Powder Processing Technologies

Hosokawa Micron has more than 100 years of powder processing and innovation experience. We design, manufacture, install and service a comprehensive portfolio of market-leading particle and powder processing equipment for customers worldwide.

Pharmaceuticals • Food • Chemicals
Nuclear • Minerals • Defence • Space
Ceramics • Soaps & Detergents
Agrochemicals • Powder Coatings
Toner Engineering • Rubber • Cosmetics

Our equipment portfolio is complemented by a range of manufacturing and lifecycle services, plus digital technology including our Hosokawa Gen4 IIoT software.

Please visit our website or contact us for further information

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The Gen4 team at Hosokawa Micron provides Digital Strategy solutions to the manufacturing industry. If you require a complete solution, including the supply of brand-new processing equipment, or a retrofit of our Gen4 software to your existing Hosokawa Micron equipment or have manufacturing equipment from alternative suppliers that needs to be upgraded as part of your company’s digital transformation, we can offer an integrated solution to meet your business needs.

Digital Strategy Solutions from a Unique Provider

Whether you are a start-up manufacturing business, an established SME or a multi-national global brand, the key to implementing a Digital Strategy is understanding what ‘Business Outcomes’ to impact and why. We are a specialist process manufacturing expert – with unique first-hand Industry 4.0 experience – and can assess your situation and specific requirements to help you achieve your business goals and ambitions.
Six Steps to Hosokawa Gen4 Digitalisation

1. Co-development of Digital Strategy
   - Asset or Process Connectivity
   - Machine Health Check
   - Plant Control System Upgrades if Required
   - Data Discovery Assessments
   - Instrumentation Upgrades
   - New Plant Design and Specification

2. Connectivity to the Asset and/or Process
   - On Premise or Cloud Set Up Services
   - Asset Connectivity to Platform Services
   - IIoT Industry 4.0 Connectivity

3. Customer Interface and Business Outcomes
   - Connectivity to Cloud of Choice (including the Hosokawa Micron Cloud)
   - 4G
   - WiFi
   - LAN

4. The Future...
   - Digital Twin Development
   - Augmented Reality Systems

5. Customer Interface and Business Outcomes
   - Real-time Dynamic Data Capture
   - Bespoke Asset Troubleshooting Guides
   - Remote Monitoring Visualisation with Specific IIoT Rules
   - Dynamic Maintenance and Asset Performance Analytics
   - Data with Instant Smart Alerts
   - Reporting and Regulatory Traceability
   - Training

6. The Future...
   - Digital Twin Development
   - Augmented Reality Systems

Download the free Hosokawa Gen4 ReMs App to experience the technology in demo mode

hosokawagen4.com
Intelligent Software Created By Process Manufacturing Experts...

Why choose Hosokawa Micron to help?
Very simply, our team blends manufacturing and digitalisation expertise to guide and support you through the potentially confusing transition from traditional to intelligent manufacturing and the connected smart factory.

As a market-leading particle and process machine company – designing and making equipment for customers in the UK, Europe and beyond – we are ideally positioned to bring our unique first-hand experience to your data-driven manufacturing challenges and journey to digitalisation.

We created our Hosokawa Gen4 intelligent software in collaboration with who we identified as the best cutting-edge technology partners in the fields of Industry 4.0, control and automation, SaaS and enterprise software. Around the world, Hosokawa Gen4 is being applied to our group contract manufacturing and toll processing units to optimise our own manufacturing processes.

Every Hosokawa Gen4 solution is bespoke – created by working in partnership with each customer at a pace of change to suit their unique challenges and requirements – and is engineered dynamically to positively impact a range of key customer/business outcomes. Our modular solutions cause minimum disruption and will allow your business to make real-time decisions on day-to-day plant processes that will have a positive effect on your people, processes, productivity and profitability.

Hosokawa Gen4 is a dynamic digital toolkit that utilises an easy-to-follow Understand, Monitor, Control methodology to convert real-time data from sensors and controls into a flexible, scalable and secure solution.

Benefits of Integrating Hosokawa Gen4

- Improved consistency and yield
- Reduced energy and waste
- Predictive maintenance
- Reduced defects
- Online advisory services
- Fill gaps in your production capacity
- Shift employee effort to higher-value tasks
- Cyber security to IEC Standards

are you ready for your own Digital Revolution?
Get in touch to find out how Hosokawa Gen4 can empower your business...

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20-30% reduction in machine downtime*

3-5% increase in productivity*

typical figures*

20-30% increase in productivity*

*subject to business conditions