

# Industry 5.0: The future of manufacturing in Singapore

Singapore's manufacturing sector is entering a new era—one that's intelligent, connected, sustainable and human-centric. Here's what's driving the change, and what leaders need to know.

## The big shift

### From Industry 4.0 to Industry 5.0

The shift is on—from smart factories to factories that are smart, sustainable and human-centric. Industry 5.0 blends human expertise with advanced technologies to deliver personalised, resilient and eco-conscious products.



**45%**

of consumers will share personal data for customised products by 2030.



**75%**

of Gen Z consumers will pay more for sustainable products.



## The opportunity

### Hyper-automation: Powering the future factory

To meet rising demands for speed, precision and personalisation, manufacturers are turning to hyper-automation—the coordinated use of AI, IoT, robotics and analytics to transform operations.



Predictive maintenance can significantly cut downtime.



By 2028, **65%** of large manufacturers will deploy edge + IoT for real-time control.



## The challenge

### Securing the hyperconnected factory

As IT and OT converge, the attack surface expands. AI-powered threats, legacy OT vulnerabilities and tougher compliance rules mean security-by-design is no longer optional.



**71%**

of digital vanguards meet their cyber goals

— vs **48%** of others.



## The next step

### Lead in the Industry 5.0 era

The future of manufacturing is here—and Singapore is poised to lead. But success will require bold strategies, the right capabilities and a clear roadmap.

Download the **Manufacturing in the Age of Industry 5.0 report** to explore the strategies, technologies, and real-world examples that will define the next decade of manufacturing.

[Download the report](#)