



Vodafone Business industry spotlight on manufacturing

How Vodafone Business supports manufacturers
with cutting-edge connectivity and innovation



vodafone
business

¹ [Make UK, May 23, Industrial strategy: A Manufacturing Ambition](#)

² [Department for Business, Energy & Industrial Strategy, Oct 22, Business population estimates 2022](#)

³ [House of Commons Library, Aug 23, Manufacturing: Key Economic Indicators](#)

⁴ [European Commission, Industry 5.0](#)

What challenges do manufacturers face today?

In our conversations with our manufacturing customers, it's clear that there are several common themes.

Whether it's achieving more for less, operating more efficiently, or differentiating within a competitive market, manufacturing businesses are under mounting pressure to make changes. That's not all. Customer expectations are ramping up, the business landscape is shifting and uncontrollable external factors – such as macro-social, political and economic trends – are creating uncertainty for everyone involved.

Here are eight key challenges that the manufacturing industry is facing today.



Inflation



Labour and skills shortages



Supply chain disruptions



Reducing emissions and the circular economy



Customer experience



IT/OT integration



Cyber security



Understanding tech trends

Today's key challenges

Click through the challenges
below to read more

How can Vodafone Business provide support?

Identifying where and how we can help manufacturers overcome their challenges.

Vodafone Business has proven expertise, industry-leading connectivity and digital services that enable manufacturers of all sizes to overcome today's challenges and future-proof their businesses for whatever tomorrow brings. Specifically, our solutions can help manufacturers build smart, sustainable and secure operations – so we've outlined some of the areas that we can help with.

Whether it's carefully combining technology and people's expertise to digitalise production lines; working to ensure that all data is secure in order to meet stringent industry compliance standards; or helping to enable sustainable operations that contribute to futureproofing the planet and reducing the manufacturing industry's impact on the world – we can help.



Smart manufacturing operations

Creating productive, adaptable environments that allow you to pivot to new demands, increase productivity and improve your business resiliency.

Business challenges we help to overcome:

- ✓ Inflation
- ✓ Customer experience
- ✓ Labour and skills shortages

Smart operations help you unleash the power of your people, data and technology by hyper-connecting your operating environment.

With the ability to orchestrate your resources from end to end in real time, you'll be able to operate dynamically and respond to changes in real time. And you'll empower your people to work more productively, too.



Manufacturing security solutions

Giving your business better control by providing protection for your network, cloud and apps, operations and devices when it matters most.

Business challenges we help to overcome:

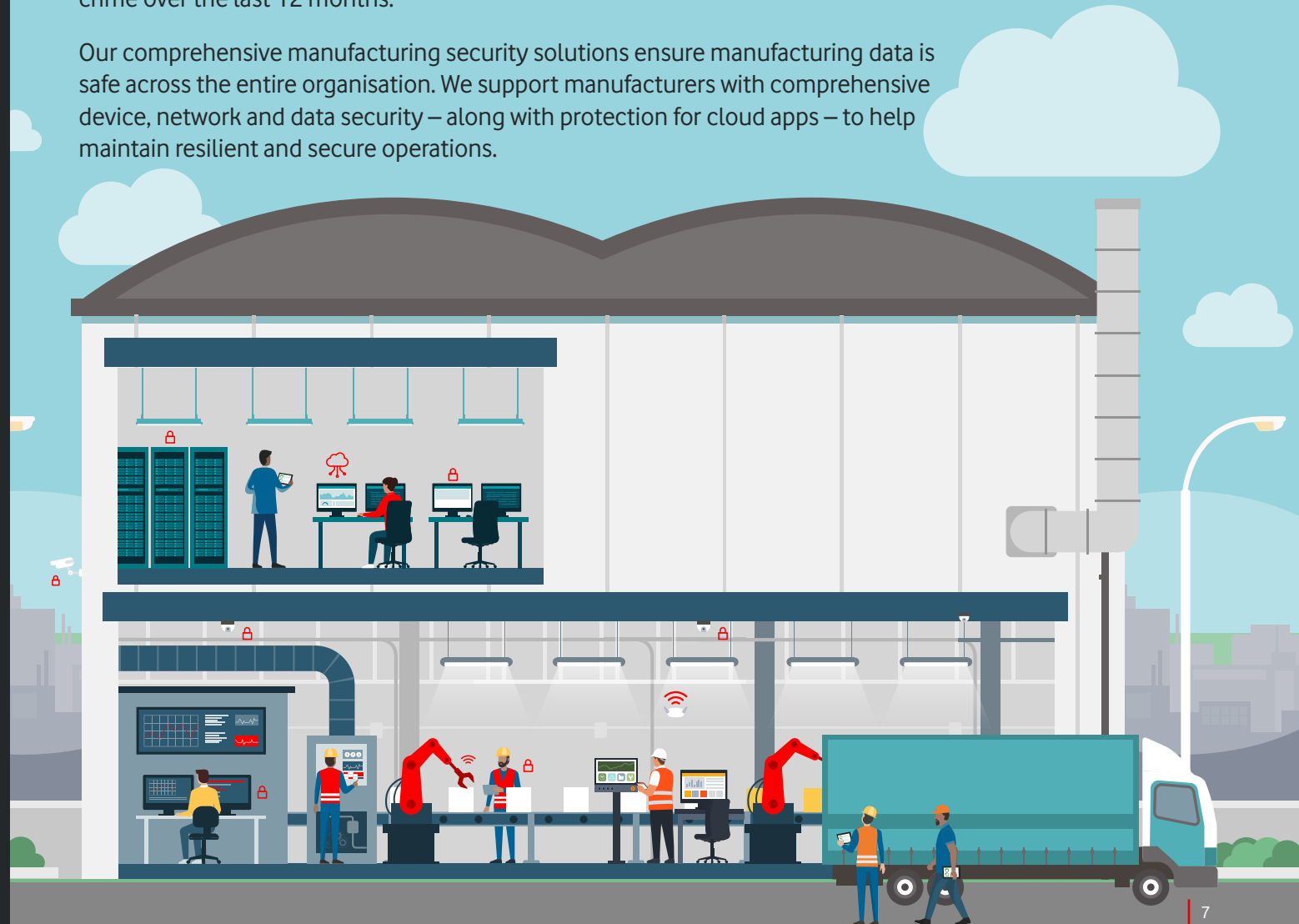
- ✓ Cyber security

¹ Make UK, May 22, Half of Britain's manufacturers have been the victim of cyber-attacks in last 12 months

² Statista, May 23

Manufacturers can benefit from digitalisation with improved production line yields, the ability to adapt to new demands and the associated cost reductions. However, this increased digitalisation can also expose organisations to an increased risk of cyber attacks. Indeed, half of Britain's manufacturers have been a victim of cyber crime over the last 12 months.¹

Our comprehensive manufacturing security solutions ensure manufacturing data is safe across the entire organisation. We support manufacturers with comprehensive device, network and data security – along with protection for cloud apps – to help maintain resilient and secure operations.



Sustainable manufacturing solutions

Delivering a range of tailored solutions and expert advice to help you make the most of the circular economy and harness the power of enabling technologies to help you reduce emissions – empowering you to grow sustainably.

Business challenges we help to overcome:

- ✓ Customer experience
- ✓ Reducing emissions and the circular economy
- ✓ Inflation

Sustainability, reducing emissions and the circular economy have all become fundamental pillars in business strategy today. Therefore, as the march towards Industry 5.0 progresses, manufacturers are looking for innovative technologies that can help meet customer and regulatory expectations on sustainability. The good news is that these solutions can often help reduce costs as well.




Sustainable manufacturing solutions can help to allow businesses to measure and reduce energy consumption, decrease emissions, all the while reducing their environmental impact and improving efficiency. Manufacturers could be able to create a circular economy by investing in sustainable technologies that reduce harmful electronic waste, putting the emphasis on technology that can be reused, repaired, resold or recycled at end-of-life to save costs and protect the environment.



Use cases

Click through the use cases to read more

Manufacturing solutions portfolio

<div></div> <div>Smart Manufacturing Operations</div>				<div></div> <div>Manufacturing Security Solutions</div>	<div></div> <div>Sustainable manufacturing solutions</div>	
Digital technologies to support smart and resilient manufacturing				Comprehensive security solutions to ensure data is safe across the entire operation	Help reduce your emissions and embed a circular economy with sustainable solutions	
Connectivity	Cloud	IoT	People - protection and training	Security	IoT	Devices
Mobile	Private Cloud >	Fleet Analytics >	Vodafone Business UC >	Firewall Management >	Connected Spaces >	Bespoke IoT Solutions >
5G >	Dedicated MEC >	Bespoke IoT Solutions >	Orbis Lone Worker>	Network Security and Testing Services >	Fleet Analytics >	Device Lifecycle Management >
Mobile Private Networks >	Distributed MEC >	Asset Tracking >	Talk with Teams >	Cloud Security Management and Monitoring >	Unified Comms >	Fairphone 4 >
				Cloud Security and Testing Services >	Cloud >	
Fixed				Threat Intelligence, Monitoring, Direction and Analysis >		
SD WAN >				Incident Response and Management >		
IP VPN >				Awareness and Education >		
Wired & Wireless (Wi-Fi LAN) >				Secure Communications >		
DIA >				Mobile Threat Defence >		
				Endpoint Protection Platform >		
				Unified Endpoint Management >		
				Enrolment >		

Why Vodafone Business for manufacturing?

Achieving sustainable business growth

Vodafone Business is uniquely placed to empower manufacturers with technology that enables everything and everyone in the organisation to be better connected. We provide the networks, technology and solutions that help manufacturers gain a competitive edge today, and position themselves to take advantage of new opportunities tomorrow.

As one of the industry-leading providers of connected digital technologies, we offer expert advice at every step to help businesses embrace sustainable change and thrive. From smaller businesses to leading global brands, we're empowering all kinds of manufacturers to grow sustainably.

Rethink your operations model

Today's manufacturing businesses are rethinking their operations model to include more circular practices and move towards low-carbon or carbon-neutral manufacturing systems in their transition to net zero. At Vodafone, we have significant experience in **monitoring our own emissions and using technology to meet our net zero targets**. Now we can help our customers do the same.

Leading the way in global connectivity

We are pioneers of a hyperconnected future and have access to a curated best-of-breed partner ecosystem. We are at the **forefront of 5G, MPN, MEC and IoT** – enabling technologies that underpin agile, efficient and automated digital production systems that are built with future-compatible technology. We're global experts in communications across mobile and digital touchpoints, currently connecting **450 million customers around the world**.

Leader

Gartner Magic Quadrant
Managed IoT Connectivity
Services Worldwide 2022

Leader

Gartner Magic Quadrant
for Network Services
Global 2022

Unified Comms

Frost & Sullivan positions
Vodafone Business as strongest
Telco in the Frost Radar™:
European UCaaS Market, 2021

Ecovadis accreditation

Top 1% of companies (July 2023)

'A' rating for CDP – Vodafone has been recognised
by global environmental non-profit CDP for
outstanding efforts and transparency in addressing
climate change.

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