Bringing connectivity, the cloud and security together might sound complicated. We're here to help you join the dots.

The manufacturing sector's people and processes have been particularly affected by Covid-19 and Brexit. Now, more engineers and managers are remote workers, and teams are navigating longer delivery times from suppliers.1

It is unsurprising that the cloud's promise of highly configurable supply chains is an attractive one. Minimising the reliance on certain connections and automating the choice of production partner based on proximity and expertise could deliver much needed momentum to the industry.

That's why an integrated approach to connectivity, the cloud and security can be a game changer for manufacturing.



Connectivity The pandemic has seen more engineers

and managers shift to remote working. Reliable and constant connectivity is required if on-site technology and off-site workers are to communicate, staying on top of machine health and production performance. Software Defined Networking (SDN)

creates a virtual network that allows you and your service provider to deliver and manage connectivity remotely and securely.





Companies are only as good as what

The cloud

they put out. Cloud manufacturing platforms can bring pre-vetted partners together for suppliers you can rely on—and then distribute work evenly for low lead times. This transition means choosing the

right cloud for the job, and having the expertise and services on hand to support migration and management.



Security

devices and the workforce. With the right protection and controls in place, you can safeguard your data, support compliance and ensure business continuity.

Manufacturing companies are

particularly exposed to cyberattacks, research has found,2 with risks posed to intellectual property, connected

isolation will hold back your digital transformation efforts. By bringing them together in a unified strategic move, you'll soon see the benefits.

Viewing connectivity,

the cloud and security in



Secure your network and cloud services **Total confidence**

Risk protection

Optimise your applications

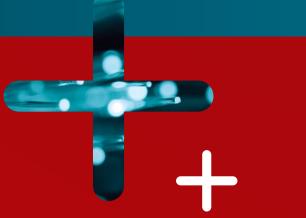
True adaptation

Manage traffic and





management Time and cost savings make life easier



See what's possible in manufacturing

A joined-up approach creates an IT environment

that's ready to respond to change fast

Lower the risk of disruptive upgrades

How? Expert consultation can identify the best The cloud allows for rapid and cost effective testing and deployment, with approach and any required mitigations,

Keep production running with as little disturbance as possible,

while legacy systems are upgraded or go offline.



network connectivity on your sites if you need it. Increase volume

ensuring a smooth transition. Plus, there's the reassurance of 4G back-up for your



for greater efficiency. How? Run multiple workloads simultaneously

of production

and share accounts via the cloud to access paths mean you can better balance traffic load and prioritise keep downtime and material wastage to a minimum.

Maximise output by using data insights

to combine orders and share accounts

critical applications in peak periods. What's more, SDN gives insight and control of network utilisation and the ability to flex in line with cloud usage.

Application management and multiple



How? The sophisticated tracking and 360-degree view offered by the cloud means all workloads have high visibility

manage both SDN and cloud for and governance. Vodafone also delivers a single point of contact for a multicloud platform that sees all workloads managed from one portal the customer. for control across the entire estate.

afforded by SDN, and Vodafone is

unique in providing the tools to



Cloud & Security

Enable the seamless, secure flow

visibility and control to the local of data between your people, and wide area network. places and devices. • Customise the network for different sites • Establish a flexible, scalable cloud environment Prioritise traffic and applications on the best performing network paths De-risk your cloud strategy

Have more control of the network with our self-serve portal

SDN

Bring new levels of intelligence,

Make cloud management simpler and more effective



Why Vodafone?



The UK's

best network

Trusted Reviews*

SDN services by Forrester



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Super secure We have successful

partnerships with market

Market leader A recognised leader in



Range of solutions

We have a tailored

portfolio of cloud,

network, edge, IoT and

security solutions



Quality cloud connections We have over 30 Terabytes per second (TBps) of private peering connections to

Wave 2020 and Gartner Magic Quadrant for Managed Network Services, 2021



in-house to help you get going faster



more than 200 content cloud providers

Realise the potential of SDN and Cloud & Security Want to supercharge your transformation and know more

Vodafone received 59.88% of the votes for the "Best Network Provider" category vs competitors, by readers of Trusted Reviews who voted in the Mobile poll. As of October 2020.

about bringing SDN and Cloud & Security together? Contact your account manager,

or visit vodafone.co.uk/business



Together we can