

keeping technology and electronics manufacturers awake at night

If you're a technology and electronics manufacturer, supply chain issues can give you sleepless nights. In this infographic, we use our experience as an integrated logistics services provider to show you how to tackle them.





Shorter product lifecycles Consumers and businesses always want the next big thing, meaning

technology and electronics products often go out of fashion quickly. But it's not just a demand problem; it's a design problem too.

> 2 MILLION **IPHONE 14 PREORDERS** within 24 hours of its launch despite 900 million users.1

2.3 YEARS SHORTER LIFETIME CYCLE - to Smartphones, washing machines, TVs, and vacuum cleaners - then their designed or desired lifetimes.² As your products have shorter lifecycles, your supply chain

needs to be agile. That way, you can always keep pace with demand.

AVERAGE OF

Increasing environmental, social and governance (ESG) demands are a monumental challenge for all businesses. But none more so than

Increasing ESG demands

technology and electronics manufacturers, who are well behind the curve.

53% **OF TECHNOLOGY COMPANIES** don't have a decarbonisation strategy or targets in place.³

155,000 **TONNES OF ELECTRICAL** WASTE EVERY YEAR. E-waste is the fastest-growing source of waste in the world.4 To accelerate your decarbonisation journey and

support your move towards a circular economy, find a logistics partner that shares your sustainability goals and has the assets to enable change.



High-tech components are manufactured by a relatively small pool

of companies, many of which are based in China.5 However, amid trade tensions, some companies may want to rethink their

Sourcing complexity

manufacturing footprint. 30% 6 OUT OF 10

> OF CHINESE COMPANIES control 30% or more of the global market for 15 key technology products and services⁶ If you have a Sino-centric supply chain, it might be time to

the geopolitical instability to have an impact on the supply chains.⁷ diversify your supplier base. You don't have to restructure your

ORGANISATIONS EXPECT

entire network but hedging your bets can make your supply chain less scary.

E-commerce is already a popular, often preferred, avenue for technology and electronics purchases – and it's still growing.

Meeting the omnichannel

However, as consumers and businesses expect to receive their orders faster, demand for assets like distribution centres is increasing.

consumer electronics segment, resulting in a market size of \$511 billion by 2025.8

10.5%

ANNUAL GROWTH RATE

for e-commerce in the global

businesses compared to 2019.9 Access to warehousing infrastructure is essential to making e-commerce a success. But with demand on the rise, so too are

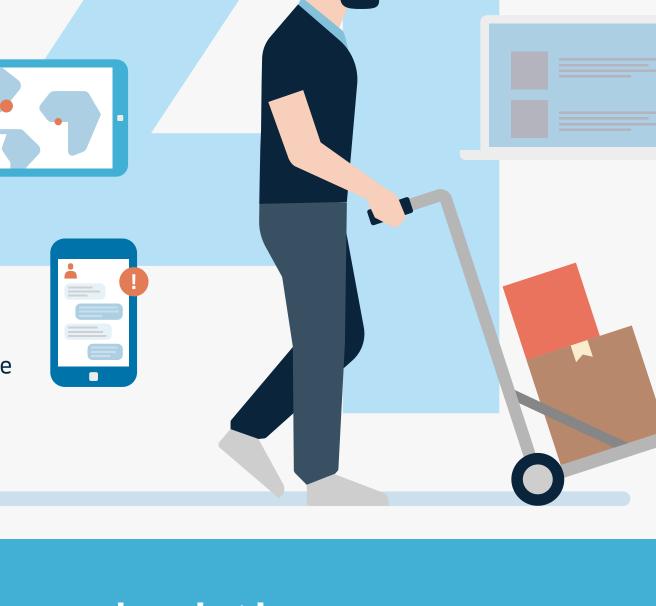
1% MORE

holdings is now kept by the

GDP OF INVENTORY

world's 3,000 biggest

warehouse rates. Consider the speed/cost trade-off carefully.





industry is more familiar with reverse logistics than others. 20-30%

8% OF ONLINE PURCHASES OF ONLINE ELECTRONICS are returned globally, **PURCHASES ARE RETURNED** compared to only 8-10% making it the second most returned of in-store purchases.¹⁰ product category in e-commerce.¹¹

> Decentralisation can make your reverse logistics to keep the inventory close to consumers.

smoother and more effective. Instead of shipping all returns to origin, ship them to local warehouses

NEARLY 300%

attackers have more points of entry.

MORE ATTACKS ON OF ORGANISATIONS SUPPLY CHAIN SOFTWARE consider cybersecurity an important challenge for their supply chains globally in 2021 compared to 2020.12 through the next three years.¹³ To protect your supply chain, you need eyes on your shipments

at all times. Breathe more reliability into your logistics with

real-time information and data transparency.

As technology and electronics products are essential

components of critical infrastructure, they're high-value

targets for cybercriminals. Plus, with more IoT devices in use,



30 WEEKS

IS THE AVERAGE WAIT TIME

for a semiconductor chip, up from

10 weeks in September 2020.15



new. However, they're getting worse.

20%

OF THE GLOBAL

SEMICONDUCTOR CHIP

is consumed in Europe, but only about 9% is manufactured there.14

Stay ahead of the game. Keep your inventory up to date and improve demand forecasting to prevent supply problems before they arise.



A BARREI

- the price of Brent crude oil in



electronics supply chain, see this visual guide.

better decisions at every stage of the supply chain.

February 2023 compared to as their number one supply chain threat for 2023.18 \$62.28 in 2021.¹⁹ Some market dynamics are outside your control. To mitigate their impact and maintain your momentum, build resilience into your supply chain with fixed-price contracts.

OF COMPANIES

highlight raw material costs

of mind to sleep better at night. For step-by-step guidance on how you can gain visibility and improve control in your technology and

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