

Data-driven supply chains are an imperative as supply chains are rocked by disruptions in the aftermath of Covid. 5G brings together IoT and freight data end-to-end for simulations to cope with the crisis.

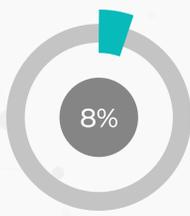
## 5G adoption is urgent post-Covid

Repeated supply chain shocks have raised interest in 5G adoption

### Heightened interest in adoption of 5G post-Covid disruption



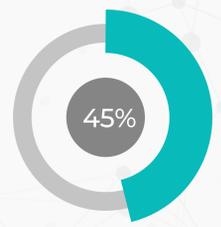
More than half of shippers and third party logistics providers -3PLS - (63%) said 5G technology is either moderately or critically important



3PLs and shippers say 5G is already having a net positive impact on their supply chain



3PLs and 19% shippers expect to see a positive impact in less than three years



Experienced disruption in supply chain operations due to Covid

### Top use cases driving 5G adoption in the supply chain industry



#### Platooning

Truck convoys exchange real-time data continuously to drive safely



#### Tracking

End-to-end tracking of any asset such as baggage, goods, pallets or containers



#### Digital Delivery Assistant

Faster shipment execution, compliance, reduce errors



#### Dynamic Fleet Optimization

IoT and real-time fleet data for optimal use of capacity

### How post-Covid experience creates the need for 5G adoption



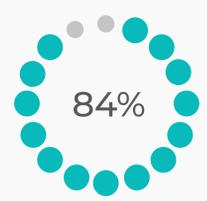
Expect a return to normal



Experience challenges with demand planning due to lack of data on fluctuating demand



Experience delayed shipments and longer lead time



View increased crisis preparation using data simulations as a key priority post-crisis

### 5G Digital Twins simulate end-to-end supply chain data to manage crisis and improve efficiencies



10% - 30%  
Planning efficiency



10% - 20%  
Inventory write off reduction



5% - 10%  
Inventory reduction



10% - 30%  
Expense reduction

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Sources:

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