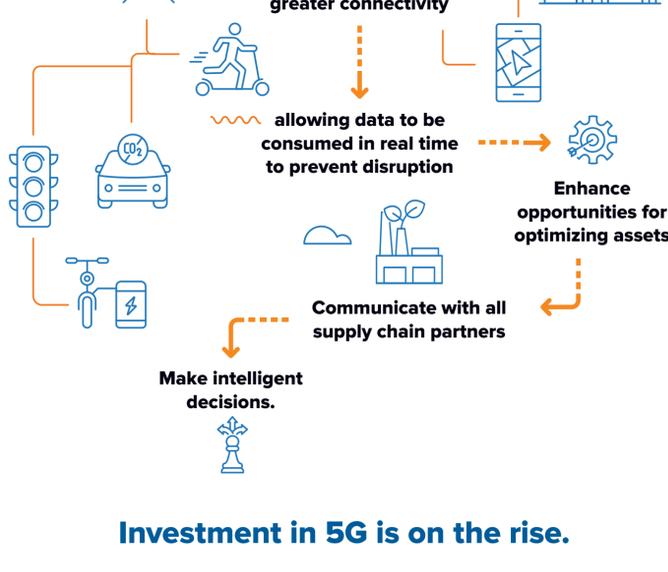


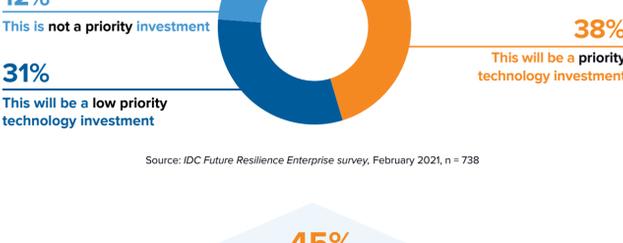


# How 5G is driving more intelligent decision-making in Transportation & Logistics

## Transportation and Logistics Companies Investing in 5G



### Investment in 5G is on the rise.



Source: IDC Future Resilience Enterprise survey, February 2021, n = 738



Source: IDC Covid 19 Impact on IT Spending Survey, December 2020

But investment in 5G is not about buying technology. It is a means for solving business problems.

## COVID-Fueled Business Challenges Need Solving

Transportation and logistics companies that are more digitally connected are more resilient and better able to manage disruption.

- Disruption is now the 'next' normal
- Visibility + agility = resilience
- Technology in service of solving business problems and seizing on business opportunities

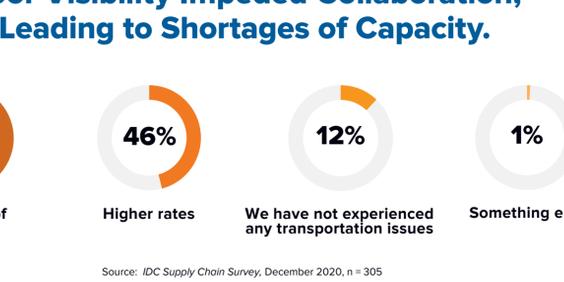
## Covid Accelerated Digital Transformation (DX) in Supply Chain



Source: IDC Supply Chain Survey, December 2020, n = 305

## Disruption in Transportation and Logistics

### COVID Challenged Transportation



Source: IDC Supply Chain Survey, December 2020, n = 44

### Demand Outstripped Supply – Poor Visibility Impeded Collaboration, Leading to Shortages of Capacity.



Source: IDC Supply Chain Survey, December 2020, n = 305

### Critical Gaps to Be Closed



Source: Supply Chain Survey, April 2020, n = 816

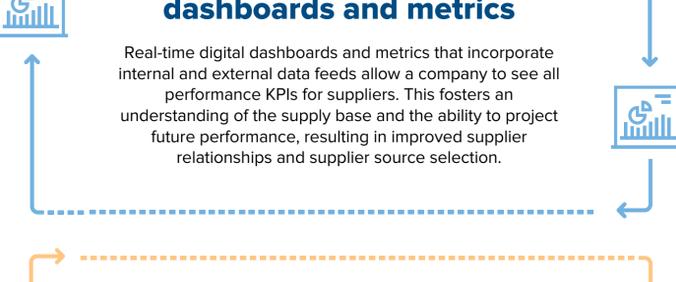
## Technology Driving Supply Chain Change

To mitigate supply chain risk, companies are highly focused on logistics and fulfillment. This focus has been accelerated by major shifts in supply and demand, as well as in shopping habits that emphasize omnichannel fulfillment and last-mile delivery.



Source: IDC Supply Chain Survey, December 2020, n = 305

New technology is the No. 1 driver of change in the supply chain. Advances in technologies such as 5G, AI, and automation enable companies to move faster and at greater scale than ever before.



Source: IDC Supply Chain Survey, April 2020, n = 816

## Key Transportation Use Cases 5G Instrumental

Transportation and logistics companies need to effectively manage the risk associated with the daily movement of shipments from origin to destination. To reduce risk across the network and perform this function consistently and cost effectively, visibility is a necessity. Connecting the supply chain with 5G, combined with robust analytics and machine learning, can drive critical efficiencies and maintain the agreed-upon service levels

### Real-time digital dashboards and metrics

Real-time digital dashboards and metrics that incorporate internal and external data feeds allow a company to see all performance KPIs for supply. This fosters an understanding of the supply base and the ability to project future performance, resulting in improved supplier relationships and supplier selection.

### Global trade automation

Direct connectivity between transportation and logistics digital platforms, which include 5G, IoT, and mobile, and the platforms and people that manage compliance and regulatory information/documents can speed product to market, allowing a company to meet SLAs instead of losing time to delayed shipments while waiting for regulatory approval.

### Predictive vehicle tracking

Live vehicle tracking through onboard devices gives the location of assets in real time and estimates the probability that pickup/delivery commitments will be met.

Source: Transportation & Logistics DX Taxonomy, June 2021

## Message from the Sponsor

T-Mobile is leading the 5G charge with a network built from the ground up for the next wave of innovation. We help transportation & logistics companies of all sizes get ready for the future of wireless and provide fast, reliable connectivity for their business and their mobile workforce. T-Mobile for Business is committed to helping you move your mission forward with products and services that close the digital divide and enhance your T&L operations — all with the dedicated, exceptional service you deserve.

T-Mobile for Business has an ambitious vision for fueling innovation in [transportation and logistics](#). To continue exploring 5G-fueled transformations across the transportation ecosystem, visit our industry webpage today.

Learn more about how T-Mobile for Business can help you enhance visibility into your end-to-end supply chain.