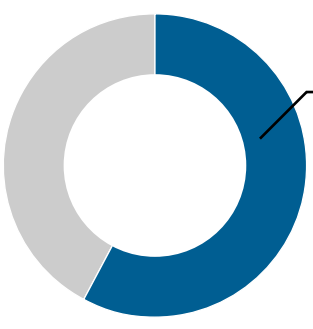
451 Research

S&P Global
Market Intelligence

Intelligent Networks and the Edge

Enterprises need networks that can better deal with the twists and turns of their journeys to the edge.



58% of enterprises indicate their network is **not as responsive or dynamic as it needs to be** for edge computing

Use cases drive IoT platform selection and shape the road map to edge computing.

Vertical industry requirements and **support for specific use cases** rank as the top issue for 58% of enterprises choosing an IoT platform.

IOT is driving up data generation and processing needs at the edge.

Some interesting use cases:

Remote patient monitoring
51% of healthcare companies (n=78)

Smart digital signage
56% of retailers (n=75)

Factory floor smart robotics
53% of manufacturers (n=75)

Fleet tracking/telematics
56% of logistics firms (n=77)

Smart flow controls
47% of utility companies (n=78)

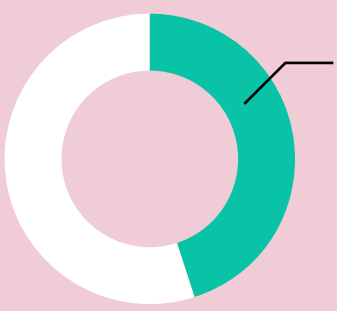
Along the road, enterprises also want to better support remote offices.

Branch security functions **58%,** network and system monitoring **57%,** and content delivery and distribution **56%** are top use cases for edge.

Enterprises expect to pick up new core business functions in their journey to the edge.

Edge strategies that enable core business functions are a top benefit expected by **59%** of CIOs.

They know they need skilled resources to make the journey to the edge.



45% of CIOs foresee challenges integrating cloud-centric processes and technologies with their existing network environment

Source:451 Research custom study commissioned by Kyndryl, formerly IBM Infrastructure Services, conducted mid-2020

kyndryl™

Network Cloudification, 5G and Edge Computing

Visit the Kyndryl website