Data to the Masses! An Exploration of Networks and Transformation

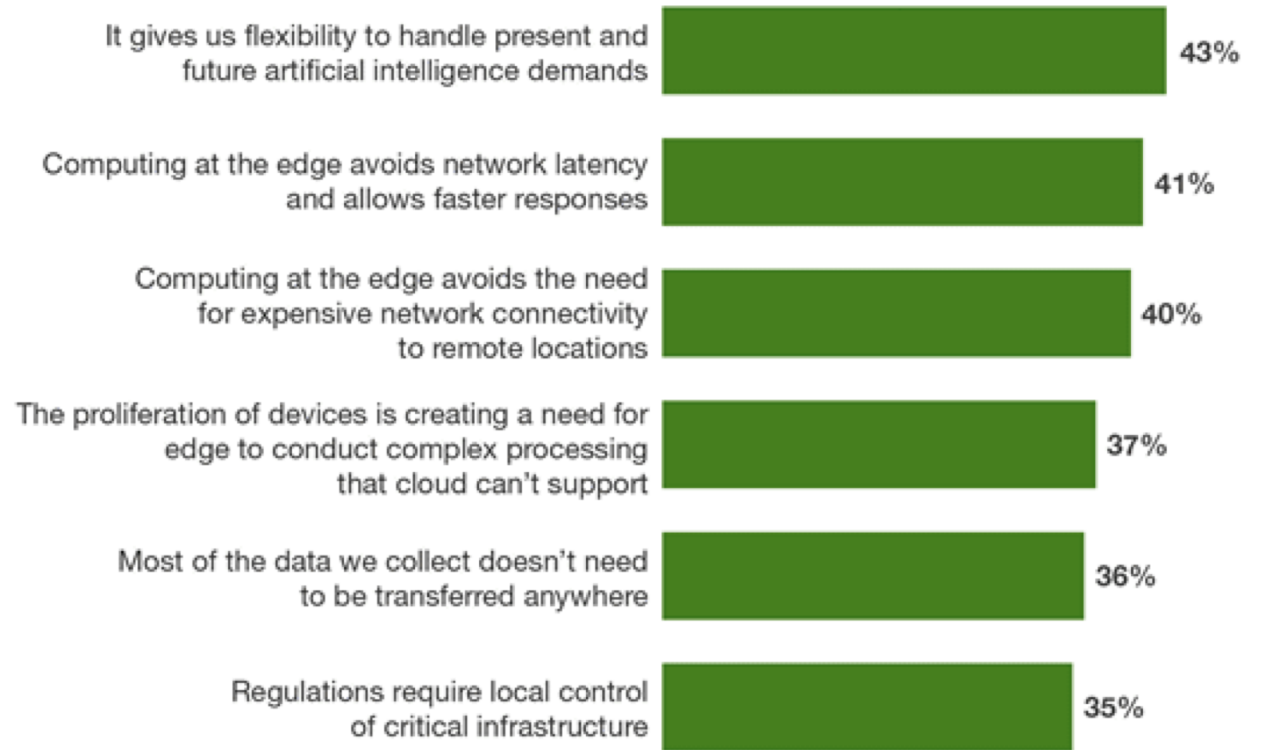James Staten, VP & Principal Analyst, Forrester Research

The Future of Networks: Edge Clouds

- IoT sensor analysis system
  - 5G and Interconnections will empower significant increases in sensor insights

- Real-time client enablement
  - Edge data analysis and empowerment
  - Low-latency app interactions

- New content value delivery
  - MP4, AR & VR real-time content & experiences

- Real-time, distributed security

63% of global enterprises are implementing or expanding IoT solutions

IoT direct spend will exceed $400 billion by 2023

"Which of the following do you believe are the biggest benefits to your organization's using edge computing?"

Benefit	%
It gives us flexibility to handle present and future artificial intelligence demands	43%
Computing at the edge avoids network latency and allows faster responses	41%
Computing at the edge avoids the need for expensive network connectivity to remote locations	40%
The proliferation of devices is creating a need for edge to conduct complex processing that cloud can't support	37%
Most of the data we collect doesn't need to be transferred anywhere	36%
Regulations require local control of critical infrastructure	35%

Base: 1,960 global telecommunications decision makers whose firms are planning, implementing, or expanding edge computing

Source: Forrester Analytics Global Business Technographics® Mobility Survey, 2018

Who's using it?

- Financial services and insurance

- Retail

- Utilities and gas

- Media, entertainment and leisure

- Manufacturing

- Healthcare

- Government

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Thank you

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