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THE CRITICAL COMMUNICATIONS COMPANY

# Why IOT Projects Fail

*October 7, 2020*

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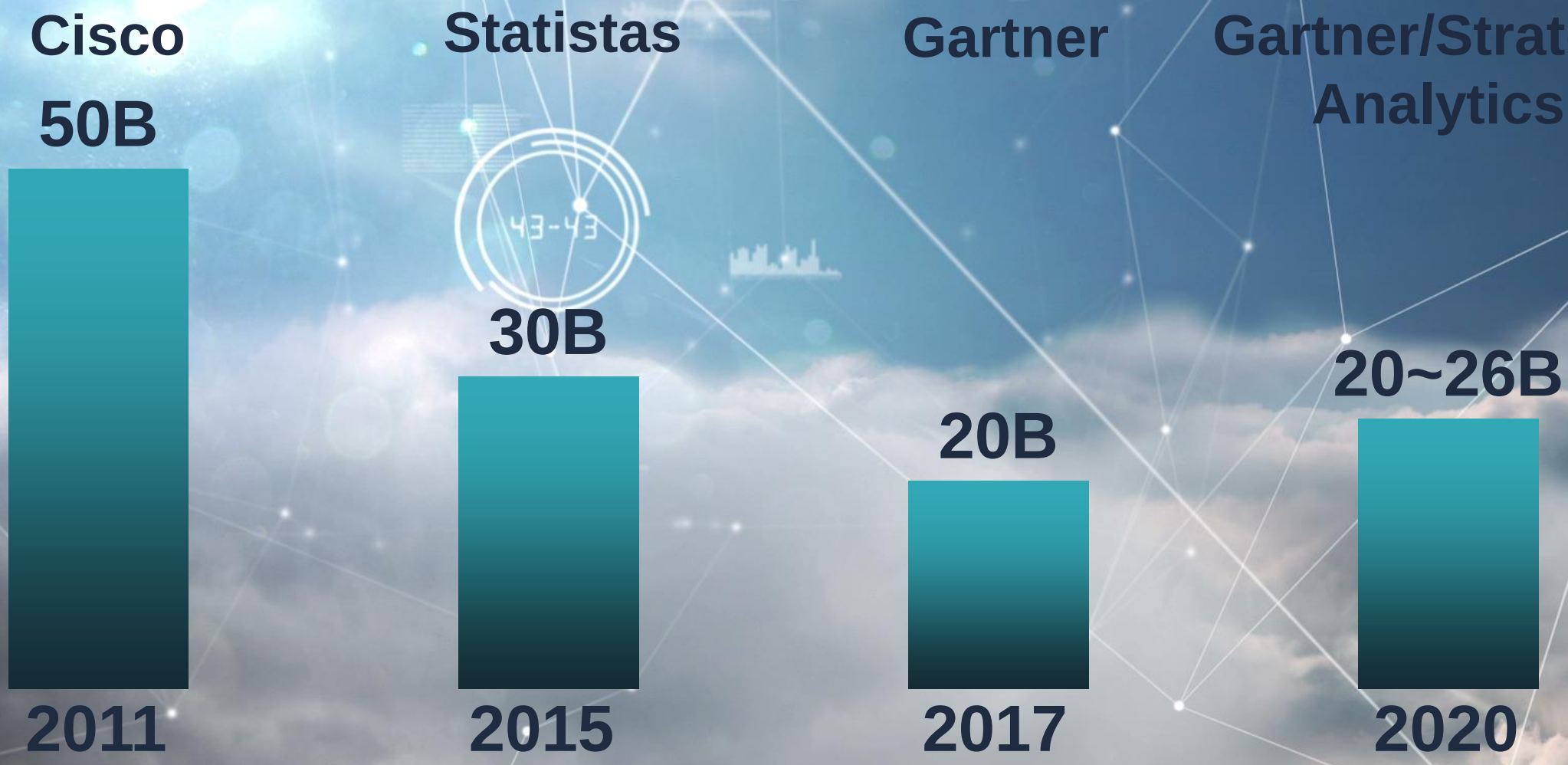
# IOT Device Global Market Growth Prediction for 2020





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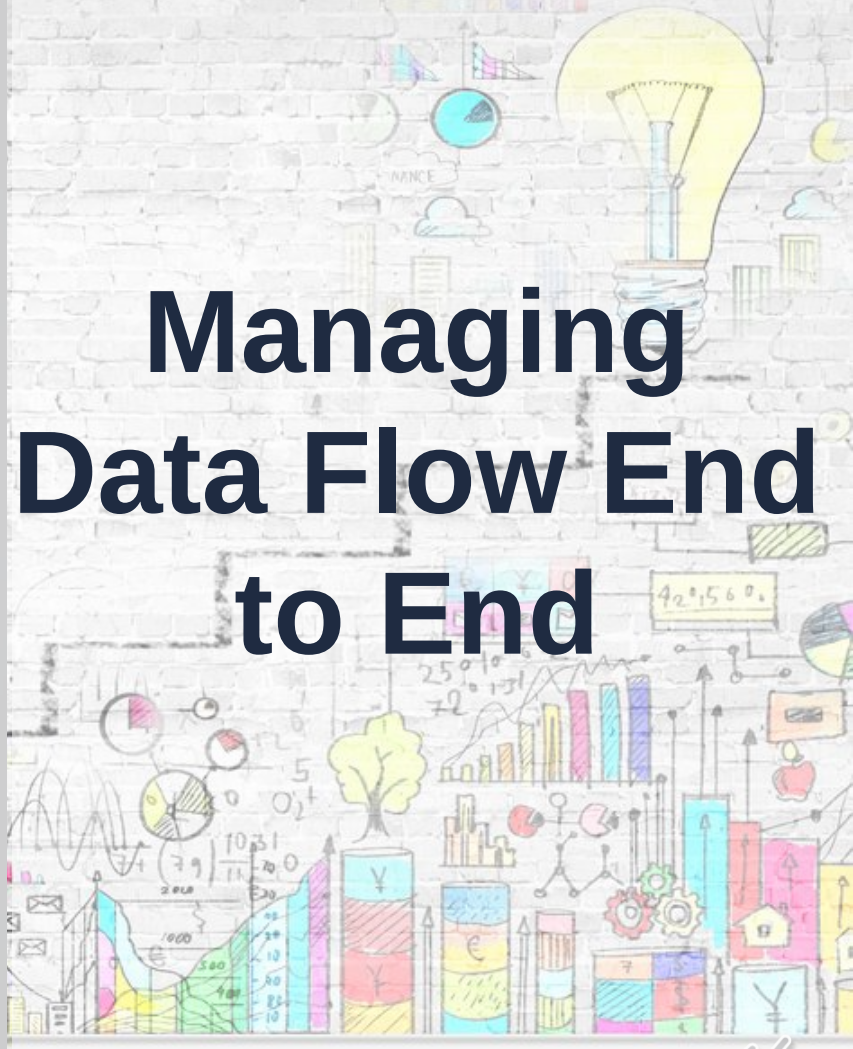
# Regulatory Barriers

# Costs of Connectivity

# Managing Data Flow End to End





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# Network and Radio Frequency Authorization

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NEWS

## Omnispace, HNS awarded Mexico mobile satellite spectrum

Bnamericas
Published: Friday, October 18, 2019

Small cells | Tenders | Mobile infra | 3G | LTE-M | Show 4 more

Mexican telecoms regulator IFT has awarded 40MHz of spectrum in the 2GHz band to Omnispace and HNS for the provision of mobile satellite services, complementing an existing satellite license the company had.

The local operators have 30 days from October 14 to pay US$150mn each for the 10+10 blocks in the 2020/2180-2200MHz bands.

The tender was launched in April and the services can be used for the transmission of voice and images.

In recent months, more companies started offering new satellite services as such services facilitate coverage in remote and rural areas which the government targets for digital inclusion. Among the companies are Viasat.

# Device Certifications

NEWS STORY

## Brazil – Resolution No. 715, New Regulation for Conformity Assessment

Brazil's National Telecommunications Agency (ANATEL) has published Resolution No. 715 approving the Regulations for Conformity Assessment and Homologation of Telecommunications Products.

To learn more about Resolution No. 715

November 21, 2019

Brazil's National Telecommunications Agency (ANATEL) has published Resolution No. 715 approving the Regulations for Conformity Assessment and Homologation of Telecommunications Products. The new resolution is intended to better align the Brazilian certification model with current and emerging

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# Data Management and Data Privacy Laws

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# Costs of Connectivity

- Dependence on Cellular vs Satellite
- Frequency of Data Reports
- Data Transmission Types
- Data Volumes Required
- Cost Management and Control Tools
- Proof of Concepts for Proof of Cost
- Emerging Connectivity Technology


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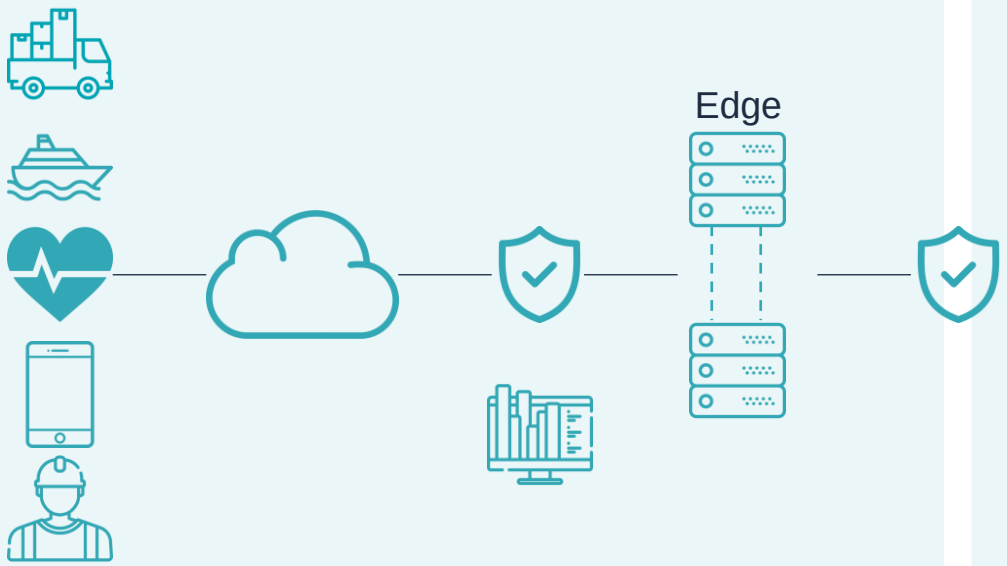
# Managing Data Flow End to End




- Asset tracking
- Sensor connectivity
- Short range Network Management
- Device Management
- Data Aggregation
- Edge Computing
- Data Translation
- Edge Data & BI

- Data Transport Management
- Terrestrial Backhaul
- Satellite Backhaul
- Network and Infrastructure Management

- Cloud Computing
- Global/regional Data Analytics & Business Intelligence
- Dashboard/visualisation
- Managed Operation services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# What can you do to avoid IOT project failures?


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# Thank You

If you have any questions, please reach out to the Speedcast IOT Team

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