

Western Digital[®]

Storage & Compute at the Edge

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Forward-Looking Statements

Safe Harbor | Disclaimers

This presentation contains forward-looking statements that involve risks and uncertainties, including, but not limited to, statements regarding our addressable market, our product and technology positioning and compute platforms, the anticipated benefits of our new technologies, executing on our integrated strategic plans, realizing our strategic imperatives, including our embedded flash devices and storage technologies. Forward-looking statements should not be read as a guarantee of future performance or results, and will not necessarily be accurate indications of the times at, or by, which such performance or results will be achieved, if at all. Forward-looking statements are subject to risks and uncertainties that could cause actual performance or results to differ materially from those expressed in or suggested by the forward-looking statements.

Additional key risks and uncertainties include the impact of continued uncertainty and volatility in global economic conditions; actions by competitors; difficulties associated with go-to-market capabilities; business conditions; growth in our markets; and pricing trends and fluctuations in average selling prices. More information about the other risks and uncertainties that could affect our business are listed in our filings with the Securities and Exchange Commission (the "SEC") and available on the SEC's website at www.sec.gov, including our most recently filed periodic report, to which your attention is directed. We do not undertake any obligation to publicly update or revise any forward-looking statement, whether as a result of new information, future developments or otherwise, except as otherwise required by law.

Western Digital



MOBILE



COMPUTE



AUTO

- **Global leader in Storage –**
Revenue \$18B in 2017
- **Global leader in technology –**
13,500 active patents worldwide
- **Global leader in product and solutions portfolio**
- **Enabling IoT – from Edge to Core**



INDUSTRIAL



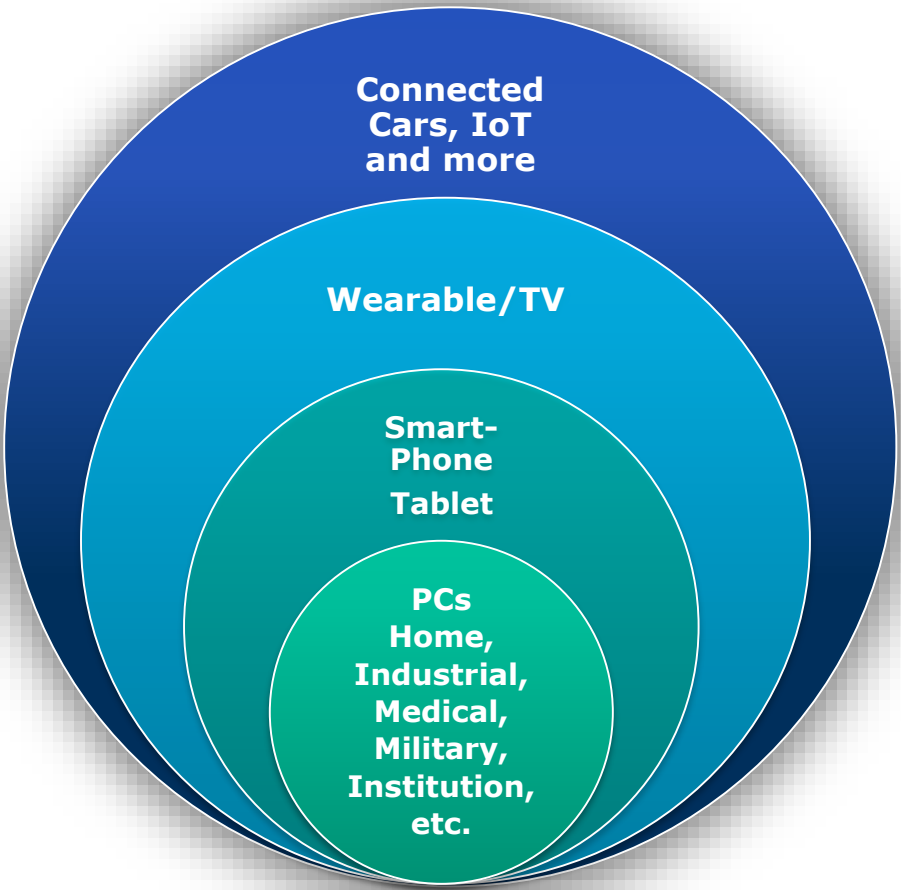
HOME



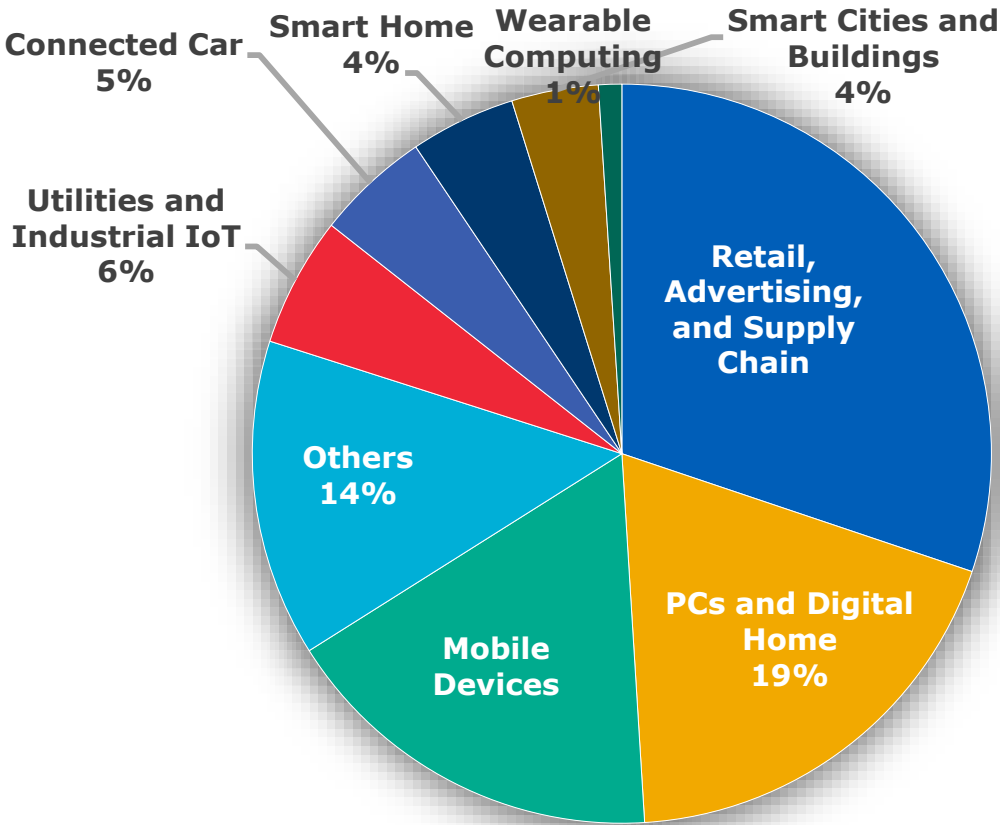
DATACENTER

50 Billion Connected Devices by 2020

3.6 devices connected to the internet per person



Connected device changes over the years

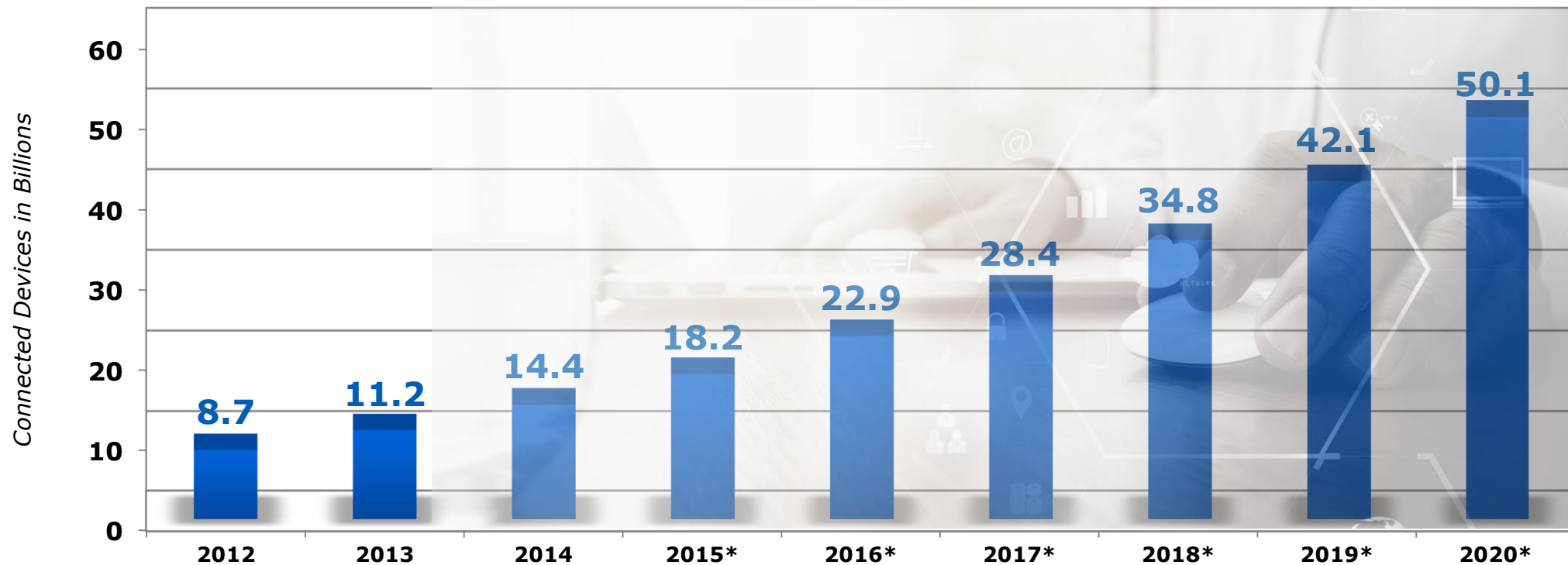


Percentage of Connected device by 2020

Source:
ABI Research Internet
Everything Market Tracker.

50 Billion Connected Devices by 2020

3.6 devices connected to the internet per person



Source: ABI Research Internet
Everything Market Tracker. Q1 2017.

Data from Billions of Connected Devices by 2020

0.00005% of generated data
transmitted to the Cloud

67 EB

**Only
4%**

Out of data captured
by IoT devices will
be transmitted to
the Cloud

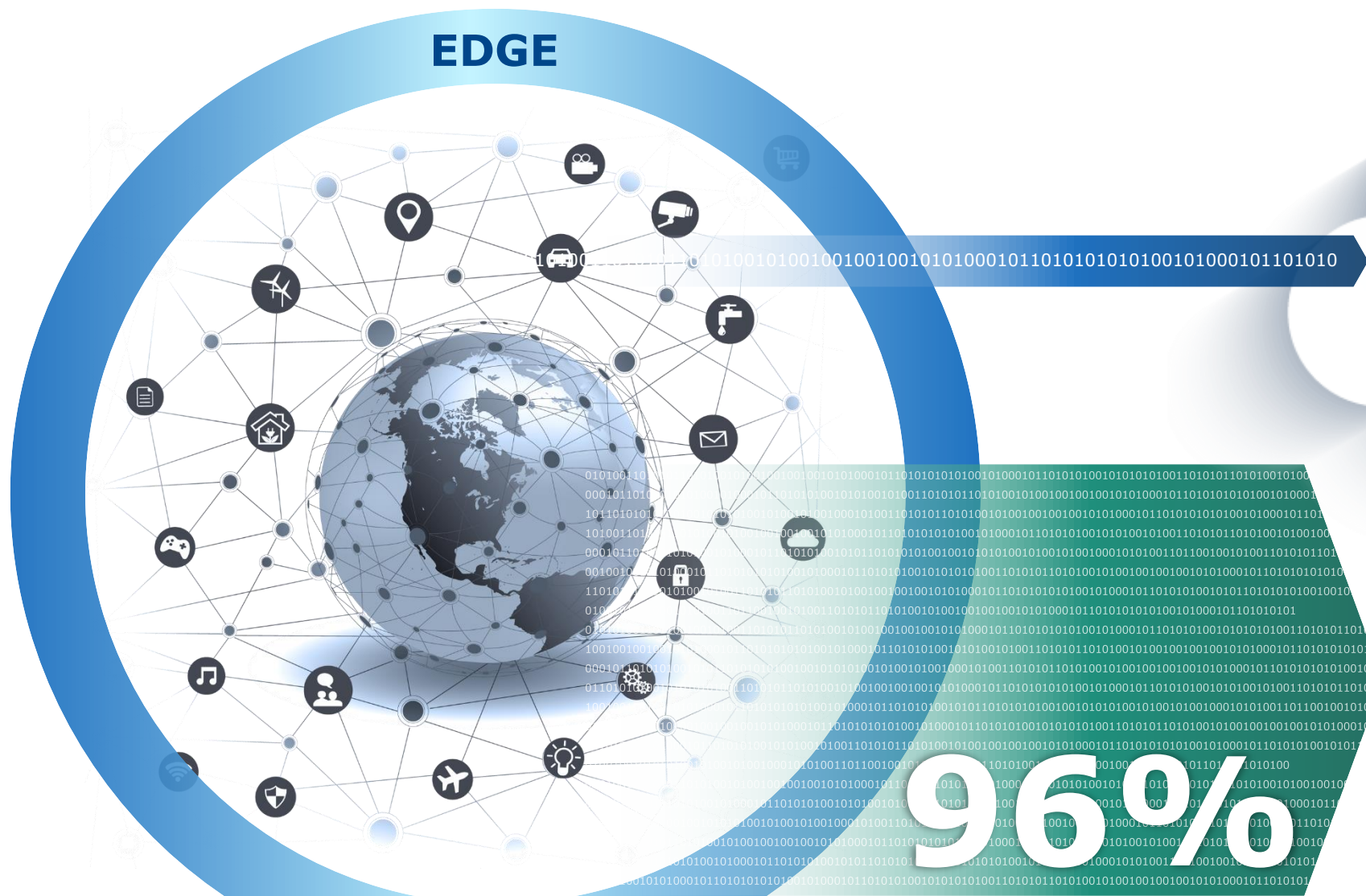
0.0013%
of generated data **captured**

1.5 ZB

114.7 YB

(114,700 ZB)

100%
of data **generated**
by IoT



Only 4%

of data captured by
IoT devices will be
transmitted to the
Cloud

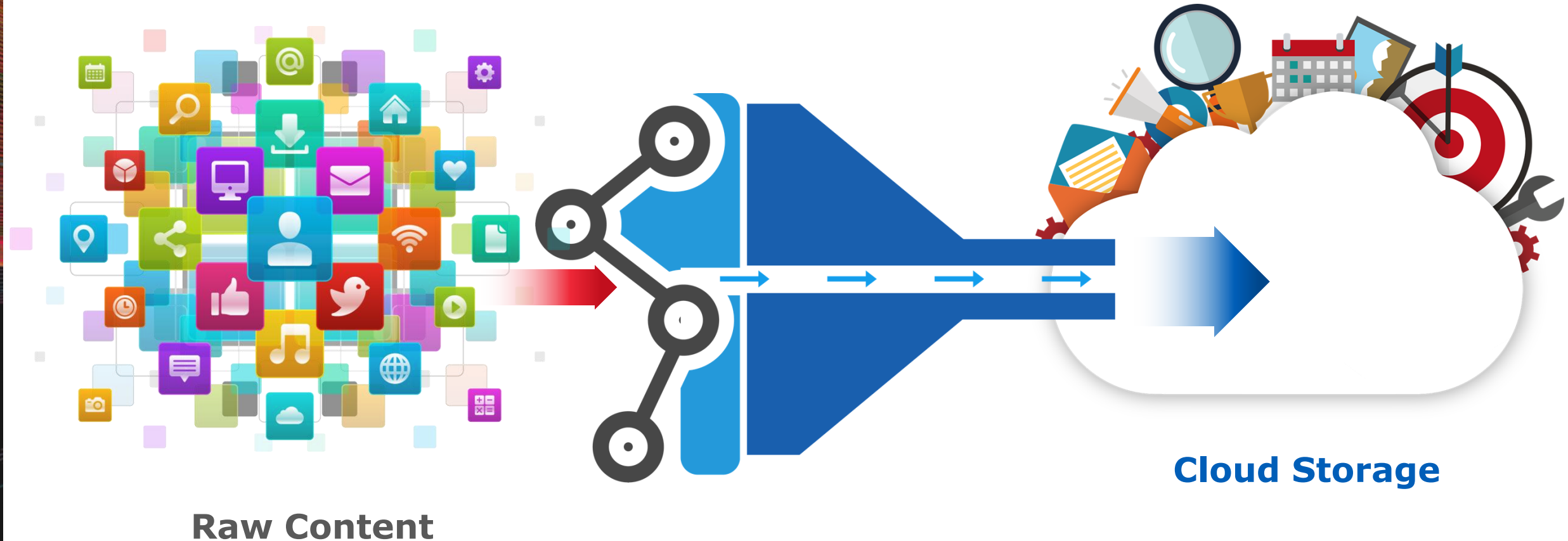
96%

114.7 Yottabyte
of data generated by IoT

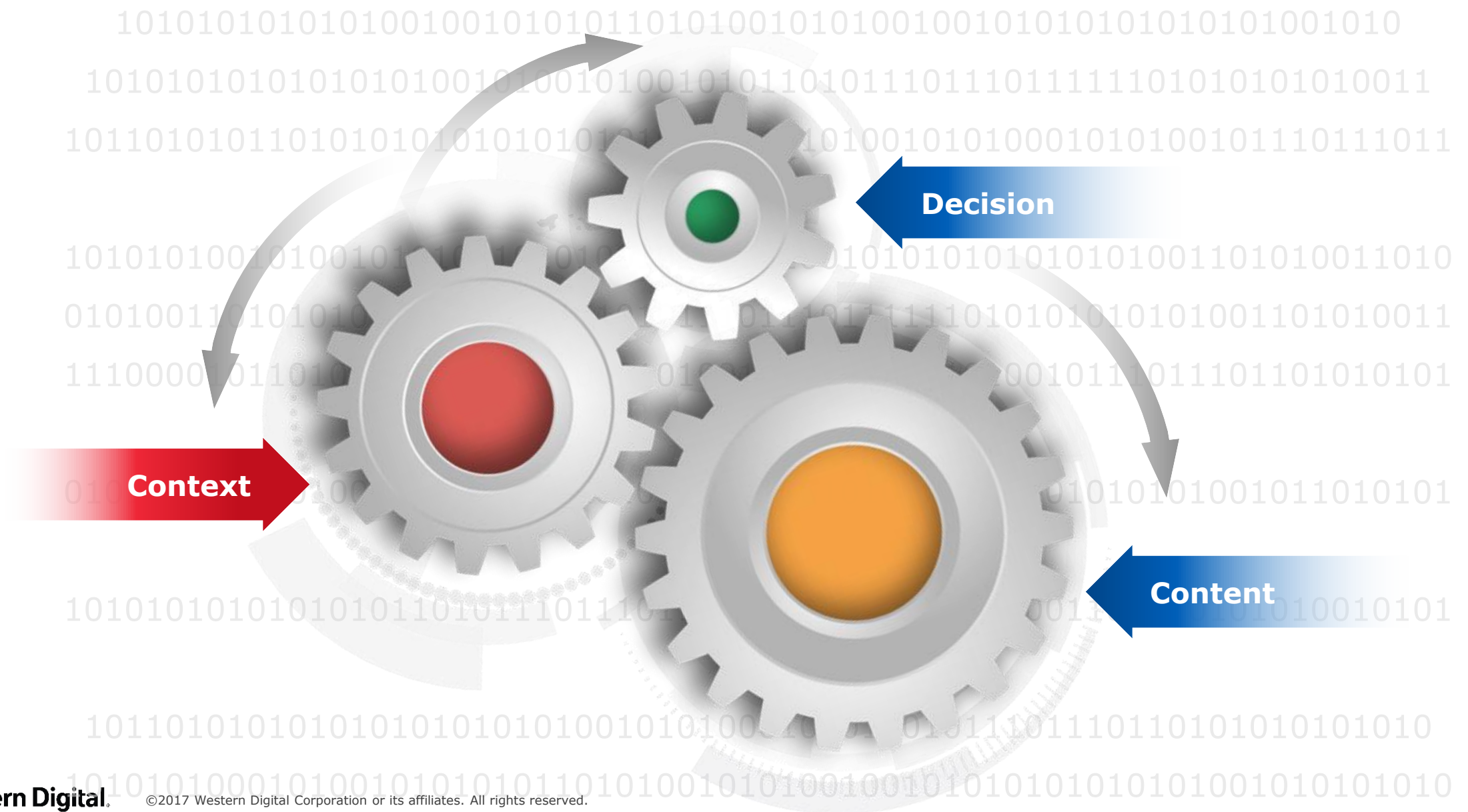
of the data potential can be cultivated and monetized



RAW Data at the Edge vs. Metadata in the Cloud

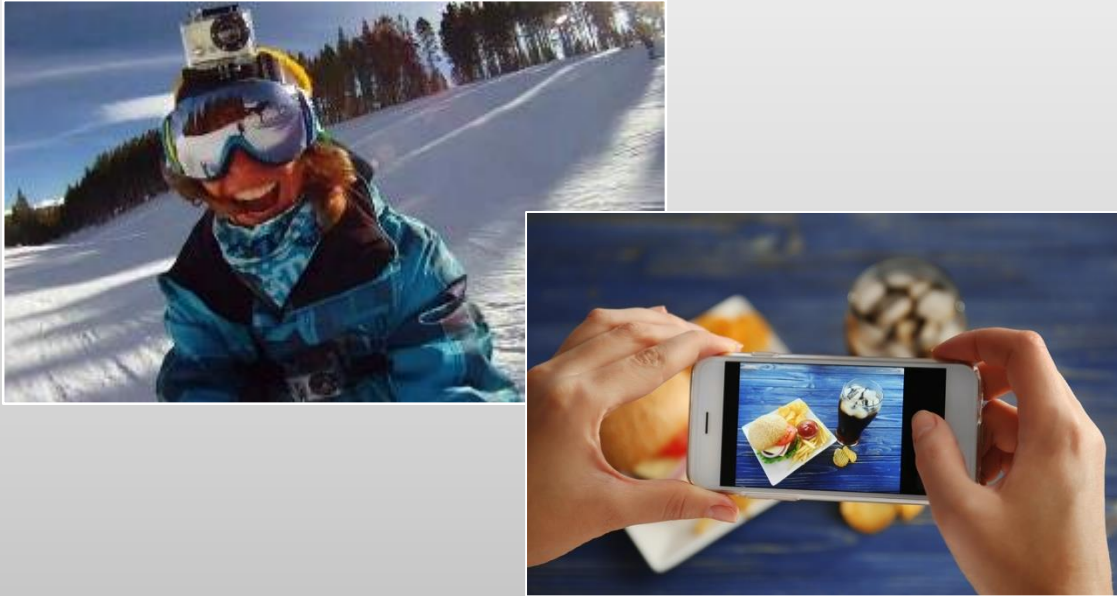


Context Complements Content



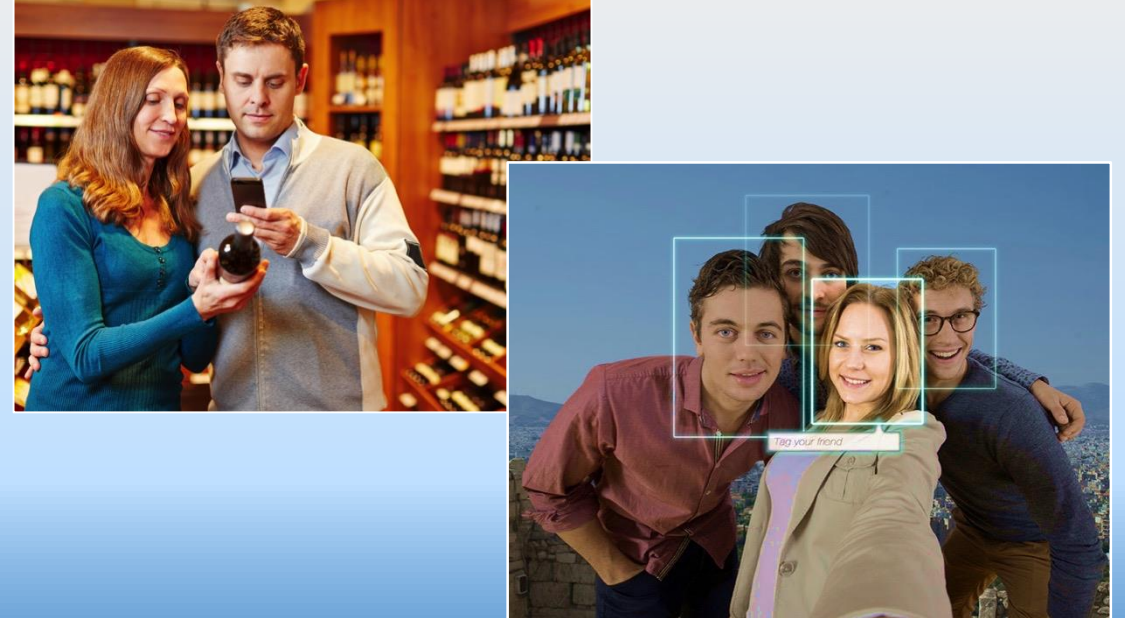
What is Context?

Yesterday



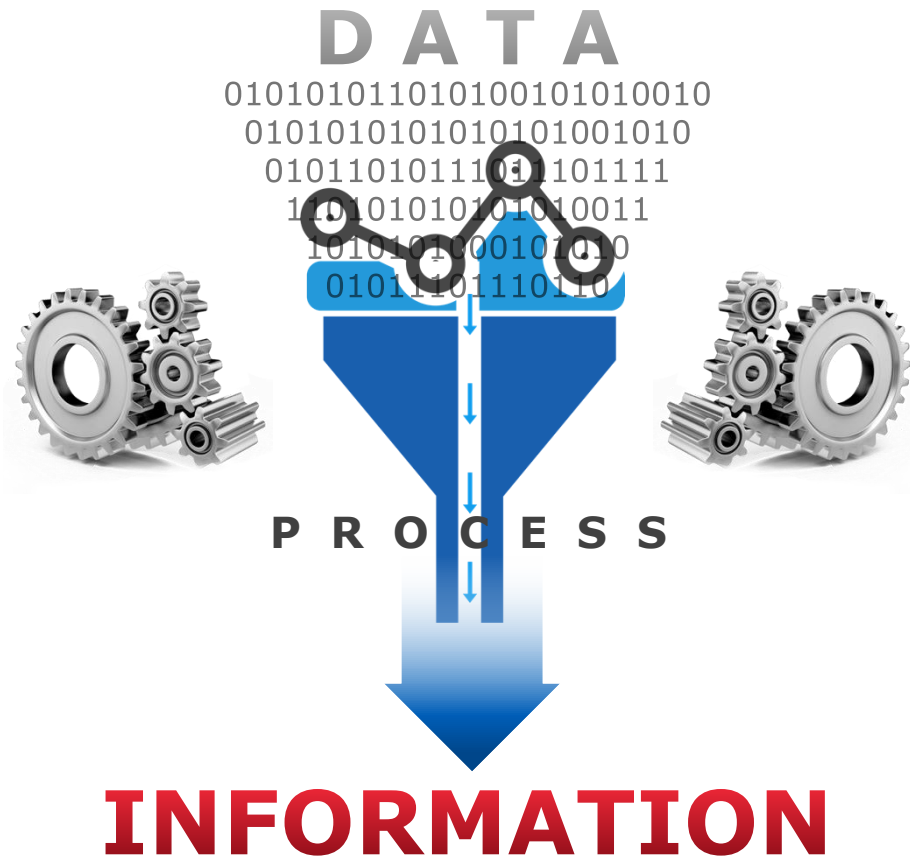
- Simply capture, compress and store video images
- No intelligent data processing at the edge

Today



- Real time Face recognition, pattern matching
- Check pricing and order online
- Metadata, object on the fly

But Context is Hard . . .



Requires significant data and compute resources . . .

Context Provides Intelligence



- Verify the person for access approval
- Keep data for weeks and month for security purpose



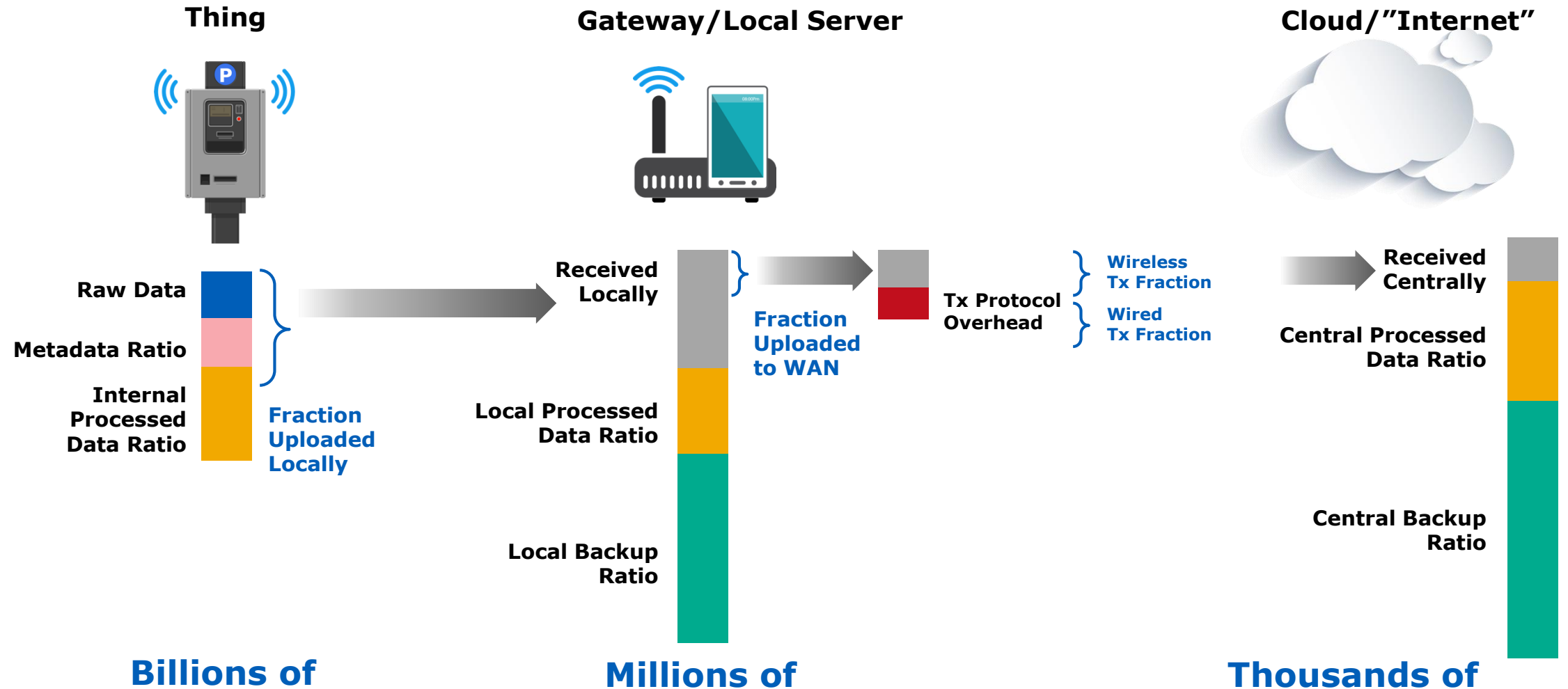
- Data analysis, new merchandise increase revenue by 30% since last week.
- Dwell time increase by 25% since last week



- Measure the effectiveness of advertisement in public transit
- Collect data to analyze the gender and average age of viewer.
- Average viewing time

The Shape of Future Data

DATA Transmission, Generation and Storage



Delivering Storage Solutions from Edge to Core



Home



City



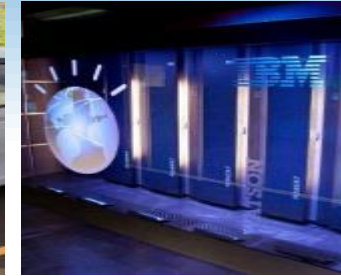
Medical



Industrial



Autonomous
Vehicles



Machine
Learning



Mobile

- Drastic advances in computing and storage are not only happening in the cloud, i.e. 85% of stored data will be at the edge by 2020
- Winning solutions will balance their architectural decisions from the edge device to the heart of data center
- Adding context to data, making data more interesting and useful for users is a key opportunity and driver of value creation.

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