



Internet of Everything

Big. Different. NOW!

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Every Business, City, and Country Becomes Digital



Digital



Fast Innovation $\leftrightarrow$ Fast IT



Internet of Everything



Security

Powers a **DECADE** of **EXPLOSIVE IT GROWTH**

The Internet of Everything - \$19T Value at Stake

39% of the world's population is connected



People

Technology powers of business processes **80%**



Process



Things

13B Connected things



Data

More data in 1 year than in previous **5000**



BIG



Public Sector

City, Country, State – Smart Cities,
Sports & Entertainment

\$4.6T

Manufacturing

Discrete & Process (Oil & Gas),
Mining

\$3.9T

Highly Selective Use Cases

Transportation, Utilities, Education,
Retail, Financial Services, Healthcare

\$5.1T

Smart City: Hamburg Video

Smart Co



SCC Safety &
Security



SCC Parking



SCC Smart
Traffic



SCC Lighting

IoE Digital Fabric

Collect | Analyze | Visualize | Act

Leach
Heads
Mgt.

Traffic
Mgt.

Edge

Public
Transport

Street
Lighting

Edge

Security
Cameras

Edge

Parking

\$28M

in value over
10 years with
smart buses



\$53M

in value over
10 years with
smart parking



44,000

new jobs created
with startup
innovation

Transportation

Seamless
Connectivity

Train Control

Fleet
Management

Efficient
Maintenance

IoE Digital Fabric

Collect | Analyze | Visualize | Act



10-12% improved MTBF



20% higher ridership



21% lower CapEx

A New Approach Is Needed to Reach and Analyze That Data

Structured Data



Unstructured Data



Data Streaming at the Edge



Analytics 1.0

Days/Hours

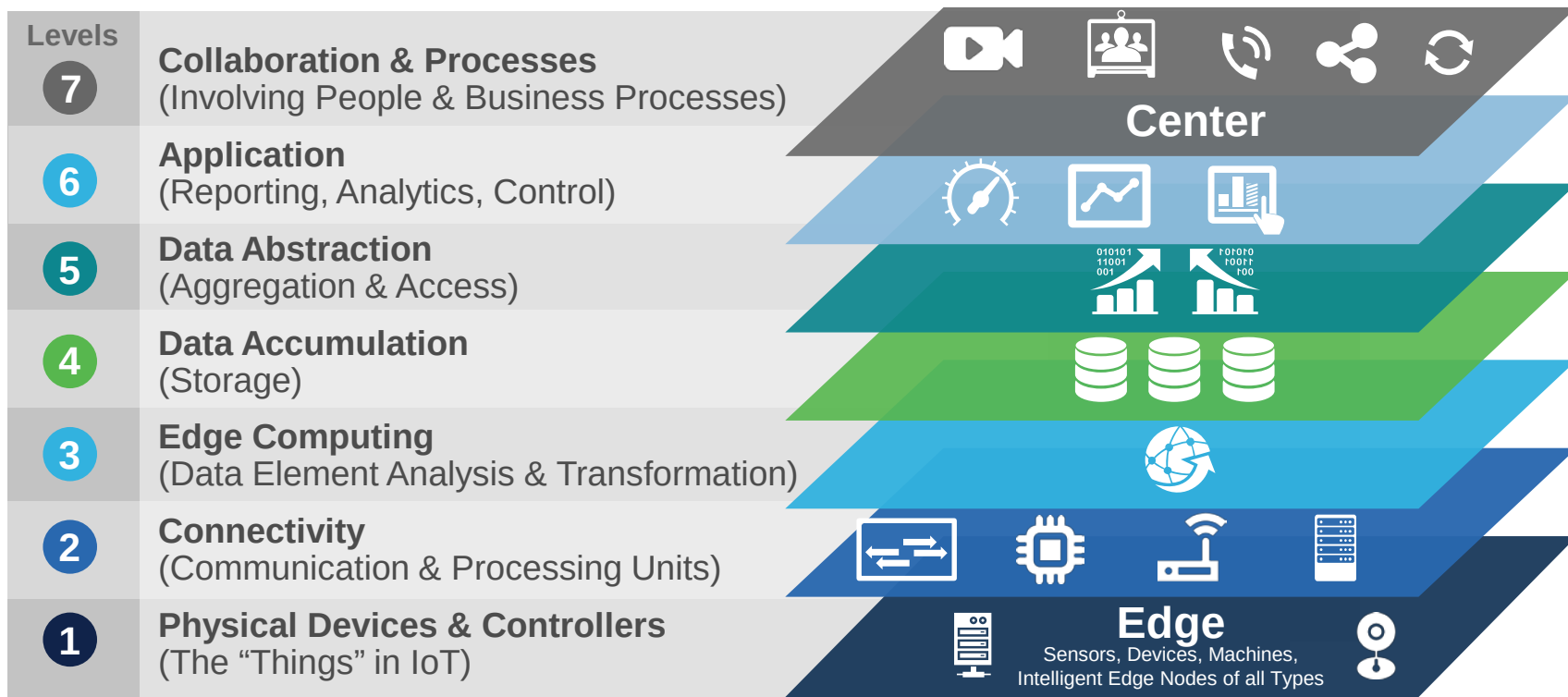
Analytics 2.0

Hours/Minutes/Seconds

Analytics 3.0

Seconds/Milliseconds

IoT World Forum Reference Model



Thank You!