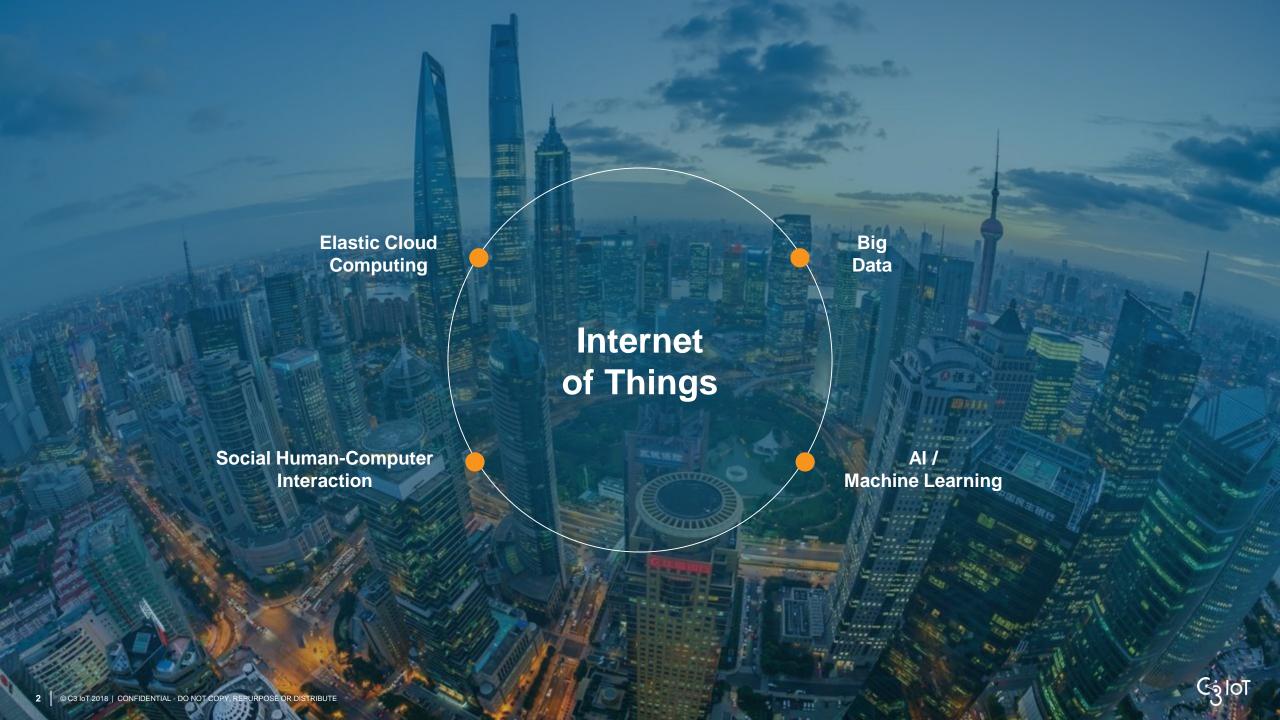
Steve Sundstrom Vice President, North American Utility Segment C3 IoT

AEC 2018 Digital Utility Panel







AUGMENTED INTELLIGENCE

EDGE COMPUTING

SMART CONNECTED



DIGITIZATION

NATURAL LANGUAGE PROCESSING



MACHINE LEARNING

CLOUD COMPUTING





BIG DATA

ARTIFICIAL INTELLIGENCE

AUTONOMOUS VEHICLES

O PREDICTIVE ANALYTICS

INTERNET

ROBOTICS

HUMAN COMPUTATION



AUGMENTED REALITY



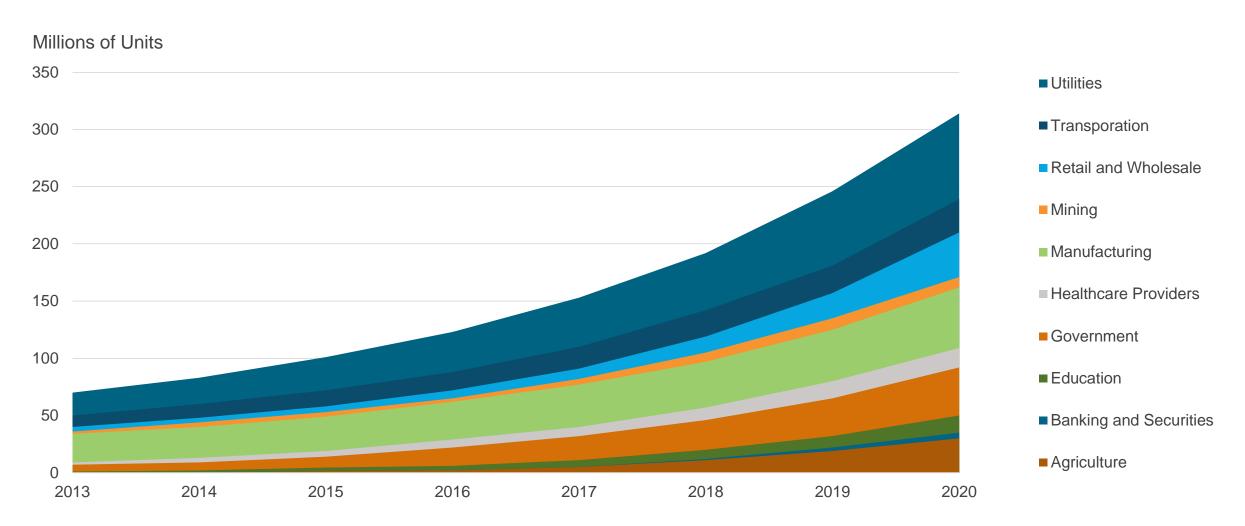
SMART PHONES

DEEP LEARNING



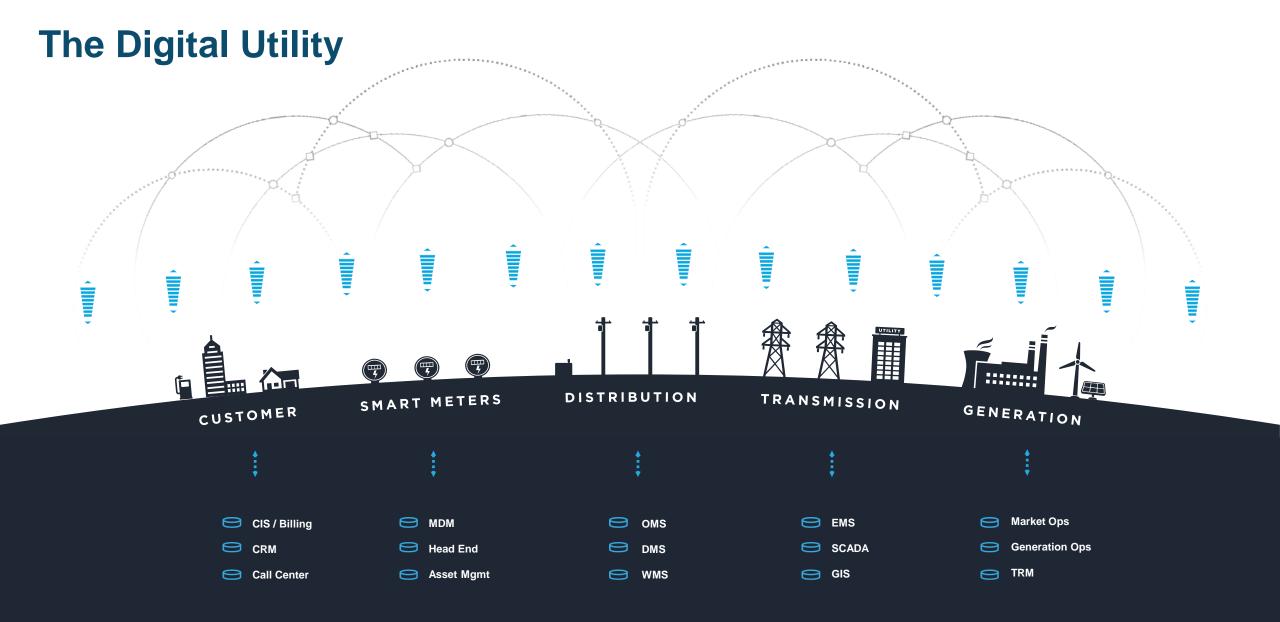
IoT Adoption by Industry

Gartner



Installed base of things (in millions of units) as per the verticals 2013 through 2020.





A Digital Utility is not

- An "Accidental Hadoop" Environment
- A Data Visualization Tool
- A Closed "Black Box" Environment
- A Replacement for Installed Enterprise Systems







96GW Generation Capacity



€71

Billion Annual Revenue



62M Customers Globally



73,000 Employees

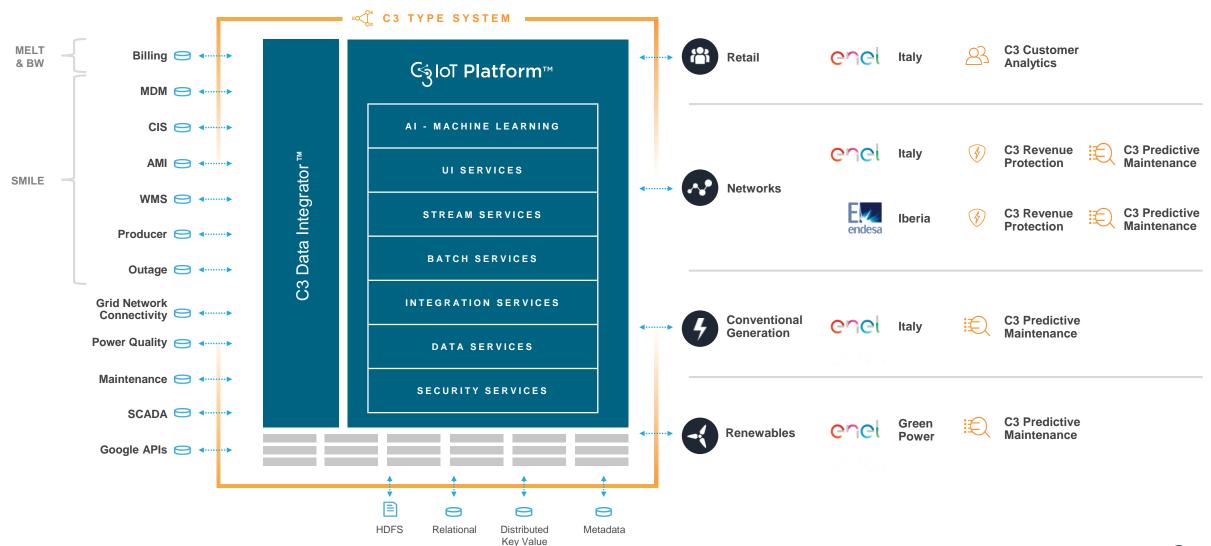


Fortune's "Change The World" List

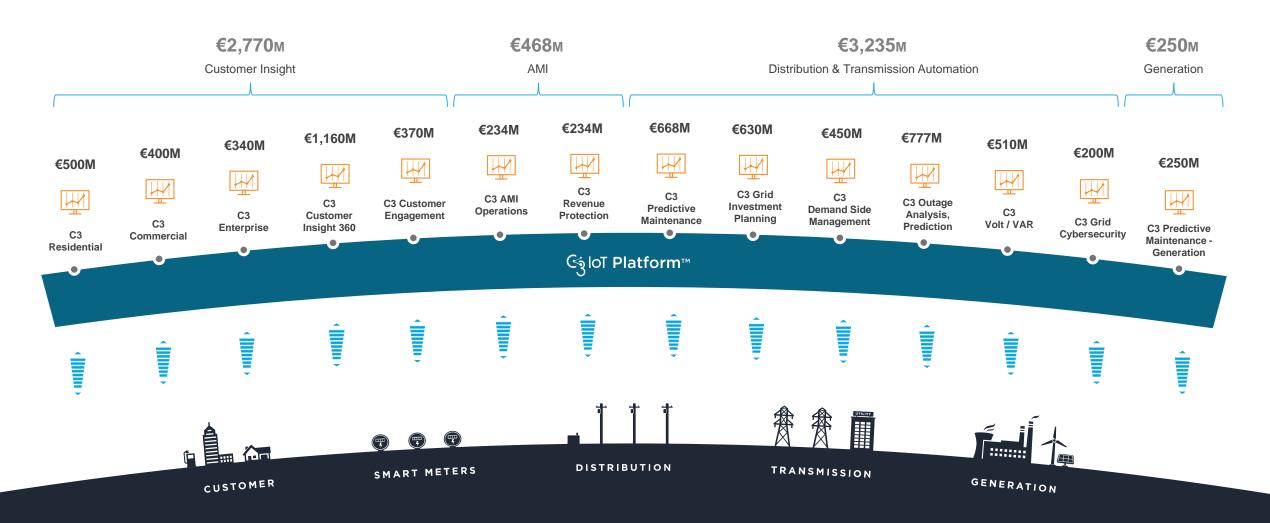
Enel: Largest Production Deployment of AI & IoT Applications enel



Enterprise Digitalization



Enel: The Economic Benefit is Large. €6.72 Billion per year











□ 114.4GW

Power-production capacity



€67 Billion Annual Revenue



153,090 Employees



Power Producer in the World



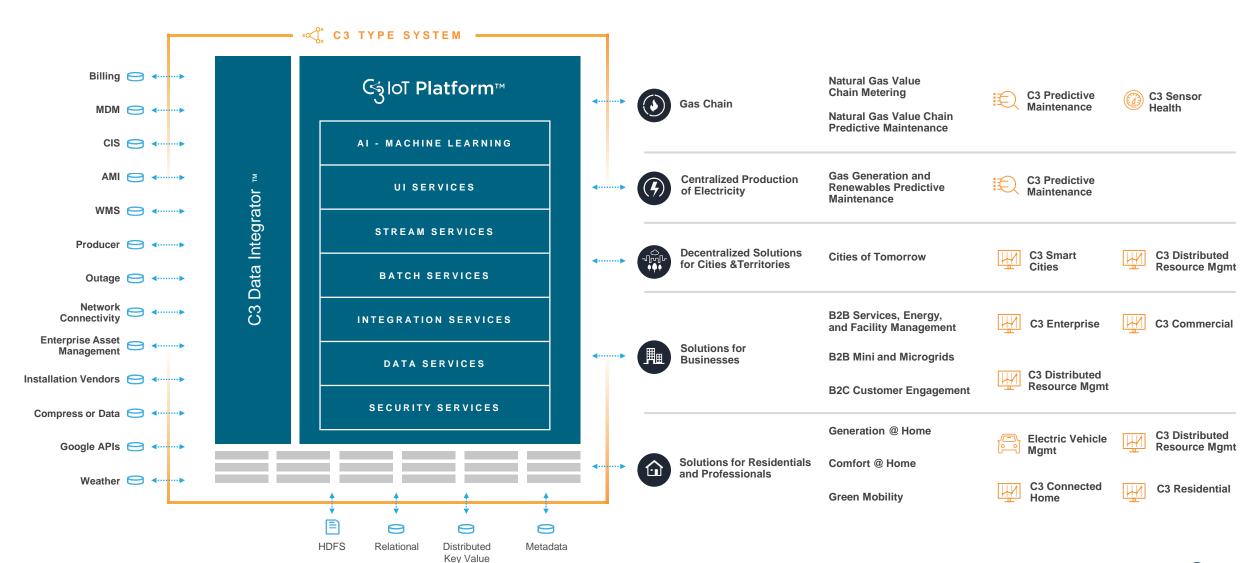
Supplier of Energy Efficiency Services in the World



Countries

C3 IoT Powers ENGIE's Digital Transformation







ENGIE IoT Center of Excellence



