Buzzwords of 2019

Top 10 Technology Buzzwords for 2019

- Mobile First
- Artificial Intelligence
- Blockchain
- Internet of Things
- Quantum Computing
- 3D Alteration
- Zettabyte Erra
- Robotic Process Automation
- Microservice Architecture
- Immersive Experience
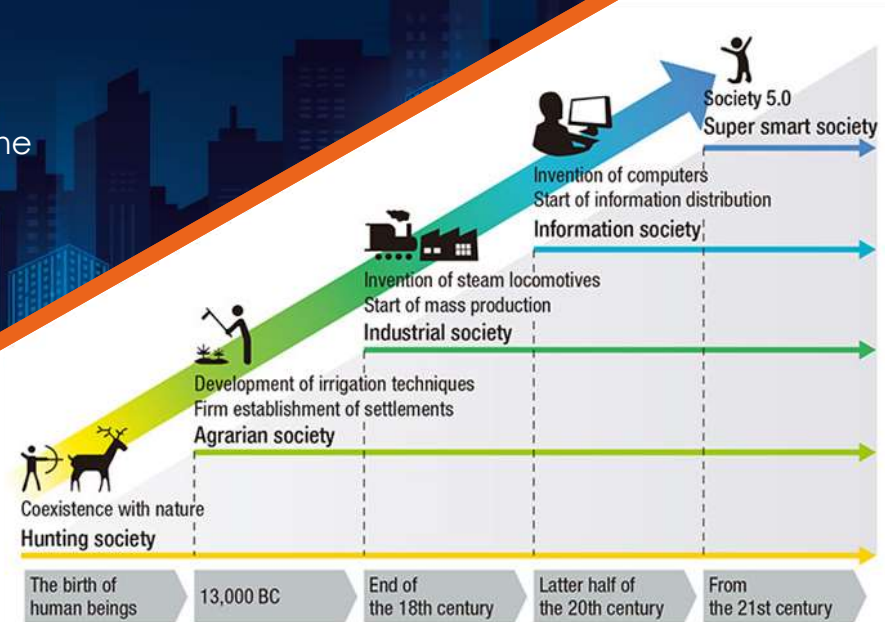
Go Digital….Why, Am I Analog?

- In some countries, such as Japan, digital transformation even aims to impact all aspects of life with the country's **Society 5.0** initiative, which goes far beyond the limited **Industry 4.0** vision in other countries`

- **www.i-scoop.eu/industry-4-0-society-5-0/**

Economic and social innovation by deepening of Society 5.0

Society 5.0
Super smart society

Invention of computers
Start of information distribution
Information society

Invention of steam locomotives
Start of mass production
Industrial society

Development of irrigation techniques
Firm establishment of settlements
Agrarian society

Coexistence with nature
Hunting society

| The birth of human beings | 13,000 BC | End of the 18th century | Latter half of the 20th century | From the 21st century |

* Source: Prepared based on materials from the Japan Business Federation (Keidanren)

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Transformation Readiness

Don't Worry, you are not Alone

22%
Planning stage

1%
Not yet begun planning

19%
Completed digital
Transformation projects
in some areas of the
business but not others

Only **3%**
Are Leaders
Completed digital
transformation projects
across the organization

55%
Piloting programs
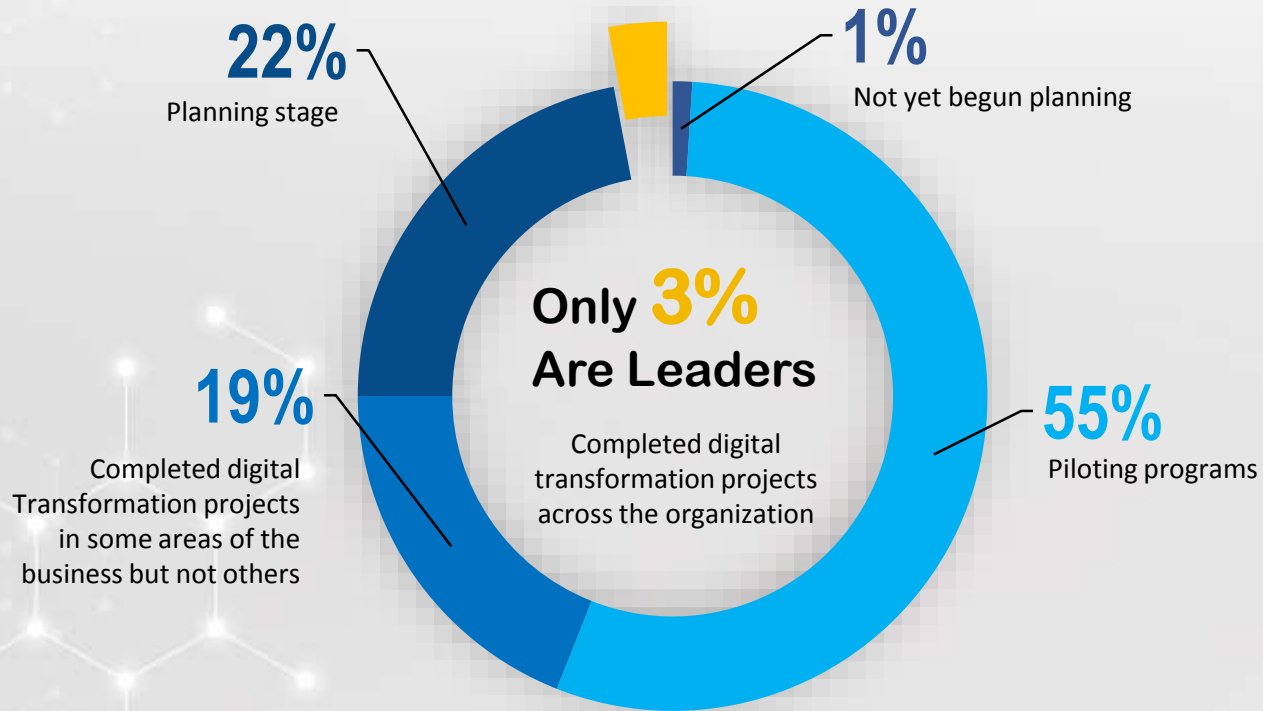
Source: © SAP Digital Transformation Executive Study

Elements of Digital Transformation

People

Technology

Processes

6

Culture at Top

More than **6 out of 10** respondents consider culture as the **number one hurdle to digital transformation**

(Percentage indicates responses ranking the issue in top two)

38% Lack of clear leadership vision

48% Presence of archaic IT systems and applications

43% Lack of digital skills

62% Cultural issues

Source: CapGemini Research institute Report

Choose the Way to Transform

"It is not the strongest species that survive, nor the most intelligent, but the ones most responsive to change"

Charles Darwin

The Future of Digital Business Environment

1 — New Models of Work: Community-Centric Open Collaboration, Non-Hierarchical Organizations, Borderless Dynamic Workforce, Sharing Economy
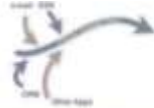
2 — The Evolution of Apps at Work: Enterprise App Stores, Unified Information Streams, Apps + Data Dashboards, Quantified Enterprise, Contextual Applications

3 — New Devices: Wearables, Internet of Things, On-Demand Micro Factories (3D printing), Workplace Robots

Source: The future of digital work via @dhinchcliffe @ZDNet #IoT

Transform Challenges into Opportunities

- Understanding
- Perspective
- Openness
- Curiosity
- Determination

Digital Strategy

- Willing to transform
- Understanding Digital World
- Being the first
- Follow
- Be the last one

Parts of Digital Transformation

- Empowered Employees
- Engaged Customers
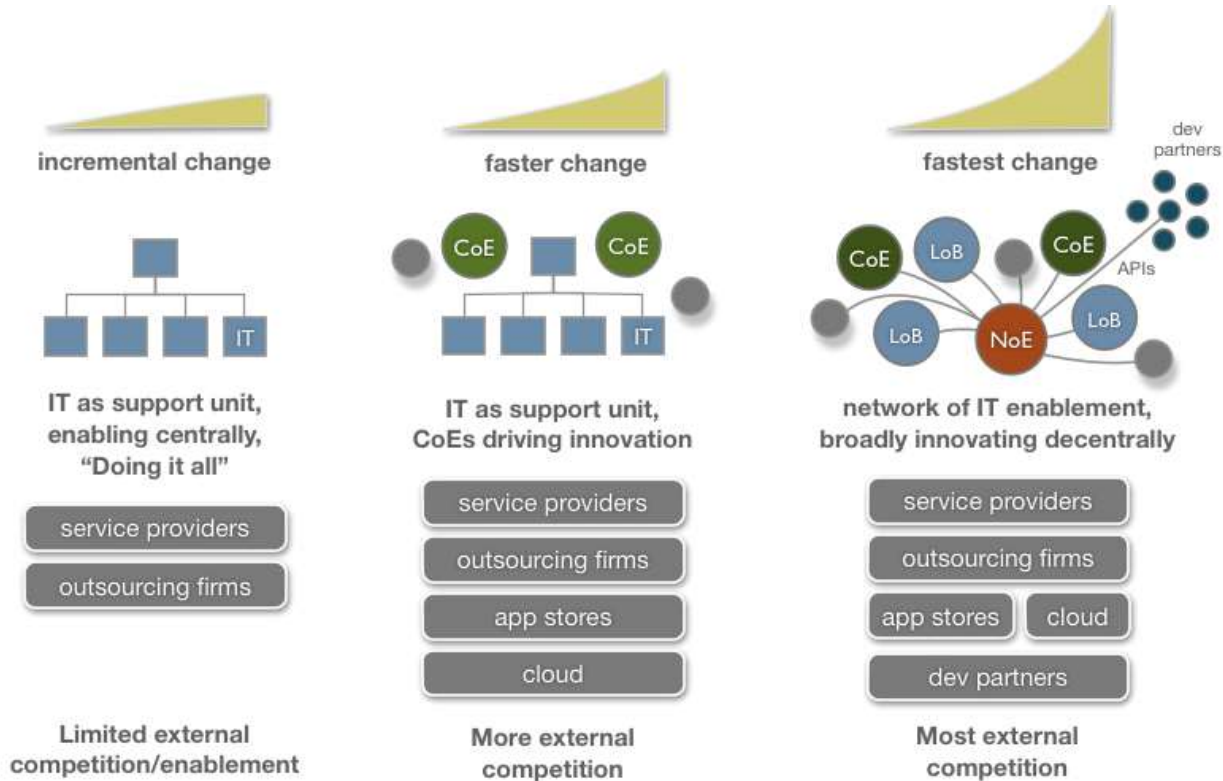- Transformed Products
- Optimized Operations

Choose your Partner

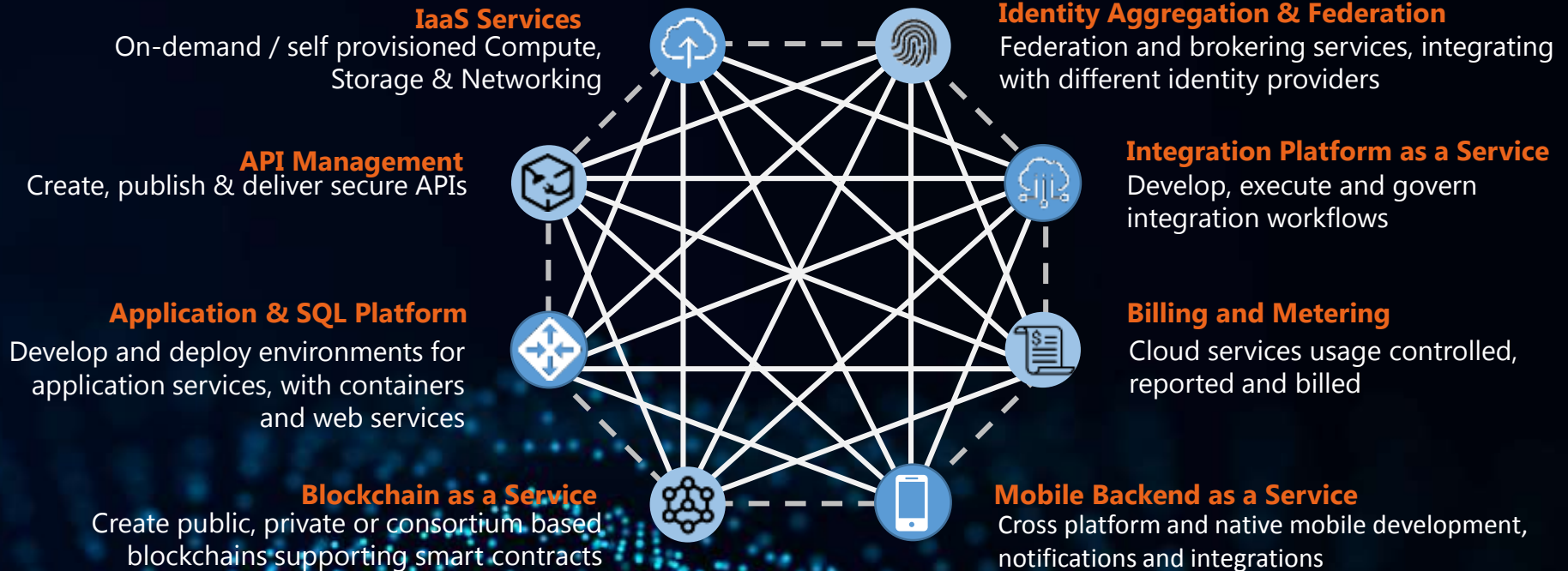# Cloud Technology Evolution

Enterprises and Digital Enablement

incremental change

IT as support unit, enabling centrally, "Doing it all"

service providers

outsourcing firms

Limited external competition/enablement

faster change

IT as support unit, CoEs driving innovation

service providers

outsourcing firms

app stores

cloud

More external competition

fastest change

network of IT enablement, broadly innovating decentrally

service providers

outsourcing firms

app stores   cloud

dev partners

Most external competition

(cc) 2015 Adjuvi. Creative Commons. By Dion Hinchcliffe.

CoE = Center of Excellence | **NoE** = Network of Excellence | ⬤ = Shadow IT   adjuvi 33
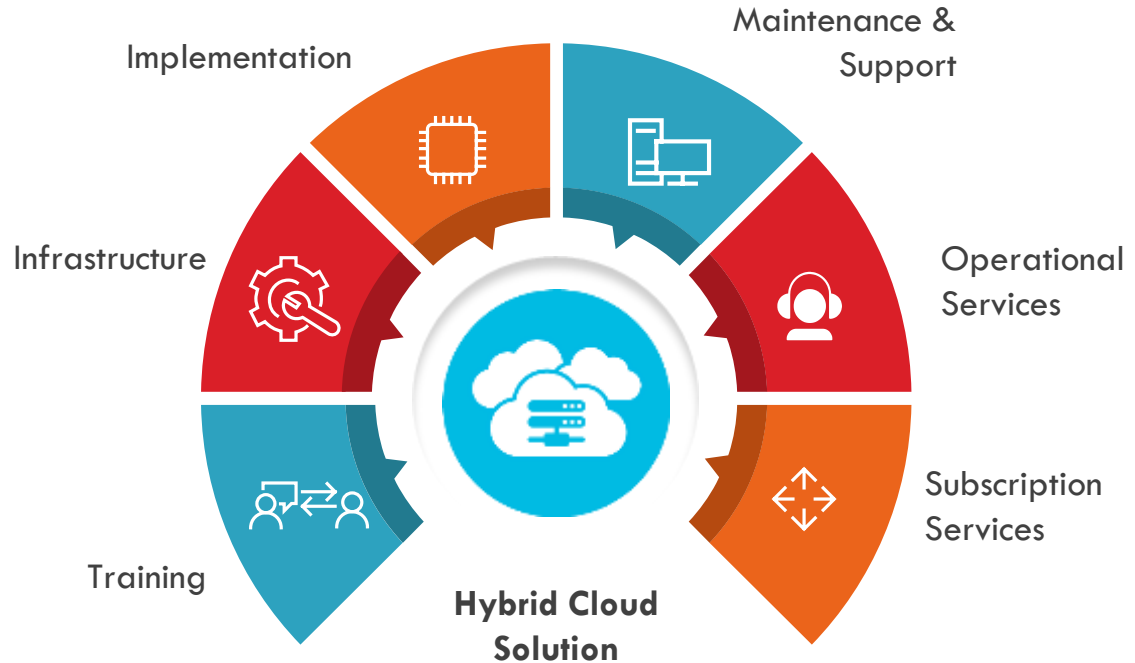
The Hybrid Cloud Service Blocks

IaaS Services
On-demand / self provisioned Compute, Storage & Networking

API Management
Create, publish & deliver secure APIs

Application & SQL Platform
Develop and deploy environments for application services, with containers and web services

Blockchain as a Service
Create public, private or consortium based blockchains supporting smart contracts

Identity Aggregation & Federation
Federation and brokering services, integrating with different identity providers

Integration Platform as a Service
Develop, execute and govern integration workflows

Billing and Metering
Cloud services usage controlled, reported and billed

Mobile Backend as a Service
Cross platform and native mobile development, notifications and integrations
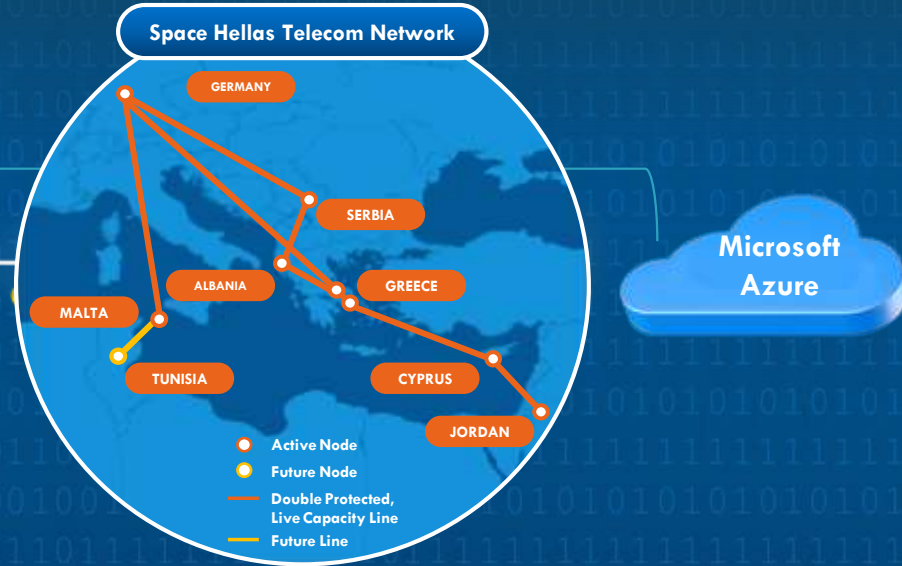
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The MALTA-MITA Project

- Seven (7) Year Project funded by EU under the CONvErGE Program with 13M€

- The main objective of the project is to provide a Horizontal Layer (HL) as a key enabler for the modernization Government e-Services (G2G, G2B, G2C) based on a Hybrid Cloud approach and subscription services

Implementation

Maintenance & Support

Infrastructure

Operational Services

Training

Subscription Services

Hybrid Cloud Solution

Connected Mode Through Express Route

Private Connection, optimum performance with control, flexibility and seamless provisioning"

- Connect direct to perform better – dedicated and direct access for assured and predictable performance

- Remove complexity providing one resilient fully managed connection

Space Hellas Telecom Network

GERMANY

SERBIA

ALBANIA

GREECE

MALTA

TUNISIA

CYPRUS

JORDAN

- ○ Active Node
- ○ Future Node
- — Double Protected, Live Capacity Line
- — Future Line

Microsoft Azure

Predictable Performance and Enterprise grade resilience with SLA