DIGITALIZATION EVOLUTION IN TELECOMS Slobodanka Jakimovska Josifovikj

cisco.

T...

Makedonski Telecom - Director B2B ICT

THE SPEED OF DIGITAL DISRUPTION WE'RE FACING IS **EXTRAORDINARY**



IT IS EVERYWHERE.....





Mercedes 1886



Self-Driving Truck 2015

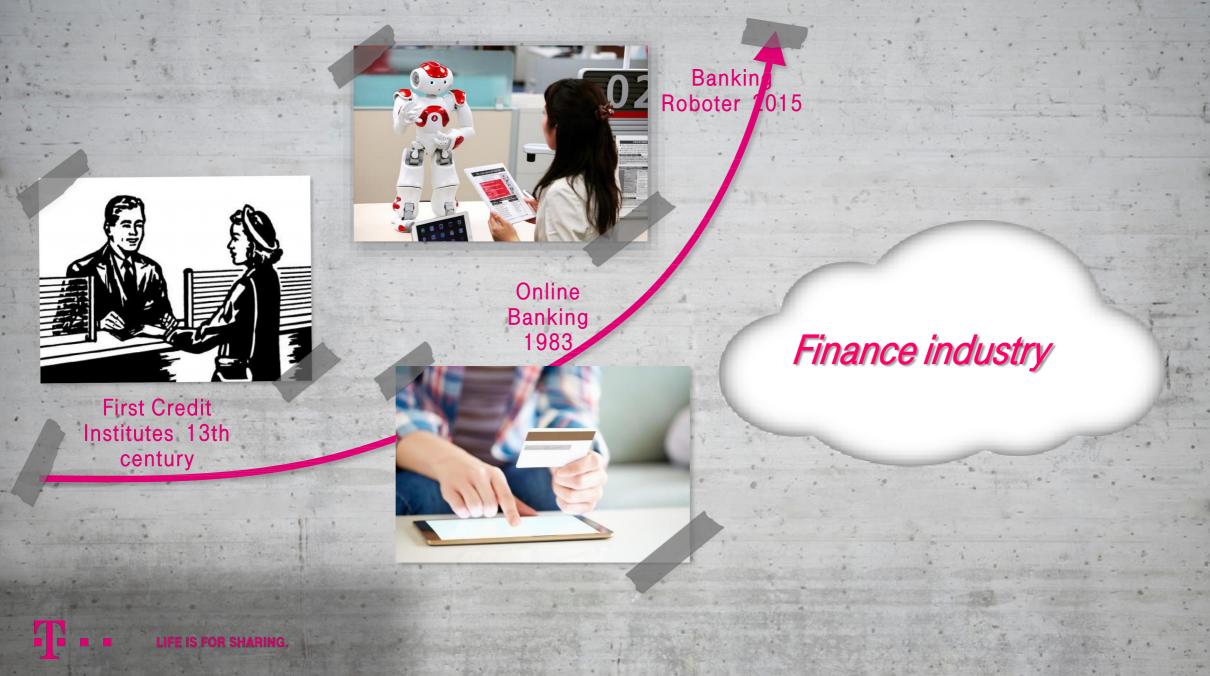
Travel Pilot IDS 1989

**

N. Y. 3.

A

Automotive industry





Corner Shop last century



QR Shopping 2013

Amazon.com 1995

amazon



Commerce and trading

FROM INDUSTRIALIZED WORKFLOWS TO COMPLETELY DIGITIZED WORKFLOWS - ARE WE PREPARED?

YESTERDAY

TODAY



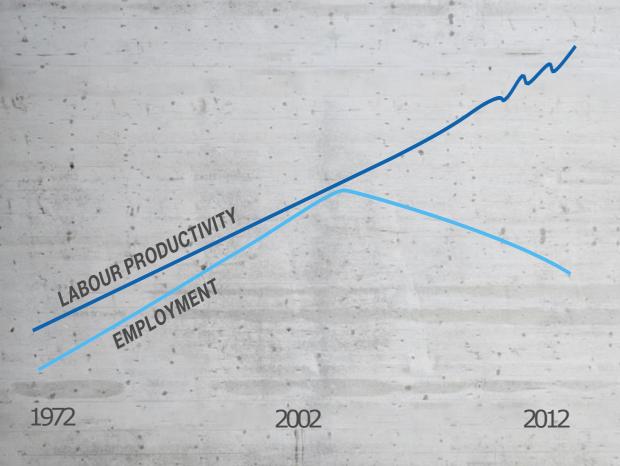
Machine support for repetitive tasks



Hard coded workflow automation & decision support Autonomous self learning machines taking decisions

TOMORROW

MACHINES INSTEAD OF PEOPLE - FULL DIGITALIZATION ALL AROUND



Source: Brynjolfsson/McAfee: "The Second Machine Age"



4 out of 10 Companies will be displaced by digital disruption in the next 5 years
Digital Disruption force is pulling down all industries towards the digital center

WHAT DOES IT MEAN FOR US AS TELEKOMS?



VOICE IS DEAD?

VOICE

LONG LIVE DATA

LIFE IS FOR SHARING.

WHERE IS OUR FUTURE? MONETIZE ON FAST DATA WITH Millennial Generation Z

• 68% teachers consider digital tools make students take shortcuts – they communicate with speedy images and real time video

25% left FB in 2014. afraid of tech stalking, instead use incognito media – Snapchat, Whisper, Secret.....





> 4 mn Ted talk views what adults can learn from kids - Gen Z"

72% young students want to make own business

52% teens use utube and social media for resarch

90% teens think in 4D, 3D even printing already outdated

Teens multitask across 5 screens

MACHINE CAPABILITIES STILL NEED OUR IDEAS!

FINANCE?

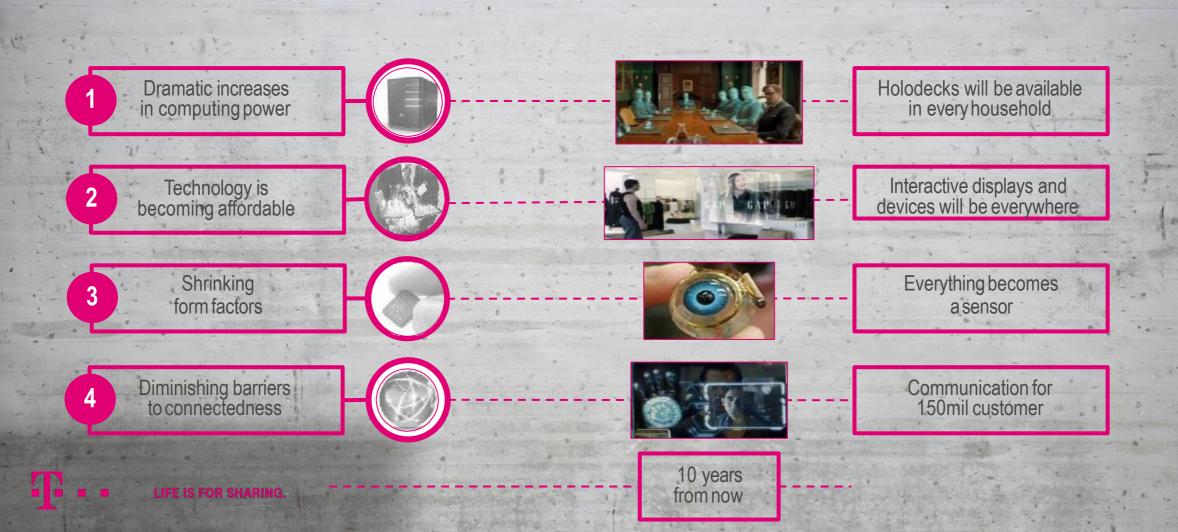
TECHNOLOGY?

SERVICE?

MARKETING?

HR?

MONETIZE ON DATA, ADOPT TO DIGITALIZATION WORLD – PREPARE THE FUTURE



OUR COMPETITIVE ADVANTAGE: BEST CUSTOMER EXPERIENCE THROUGH TECHNOLOGY LEADERSHIP

CUSTOMER EXPERIENCE

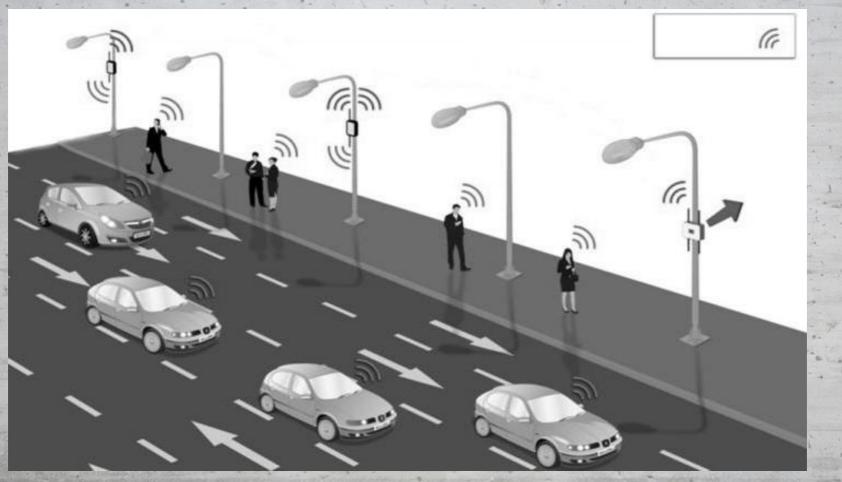


TECHNOLOGY LEADERSHIP

OUR COMPETITIVE ADVANTAGE: HIGH SPEED BANDWIDTH THROUGH ACCESS BUNDLING



OUR COMPETITIVE ADVANTAGE: HIGHLY ADAPTIVE AT ALL AVAILABLE ACCESS POINTS



LIFE IS FOR SHARING.

A

OUR STRATEGY LETS GO DIGITAL

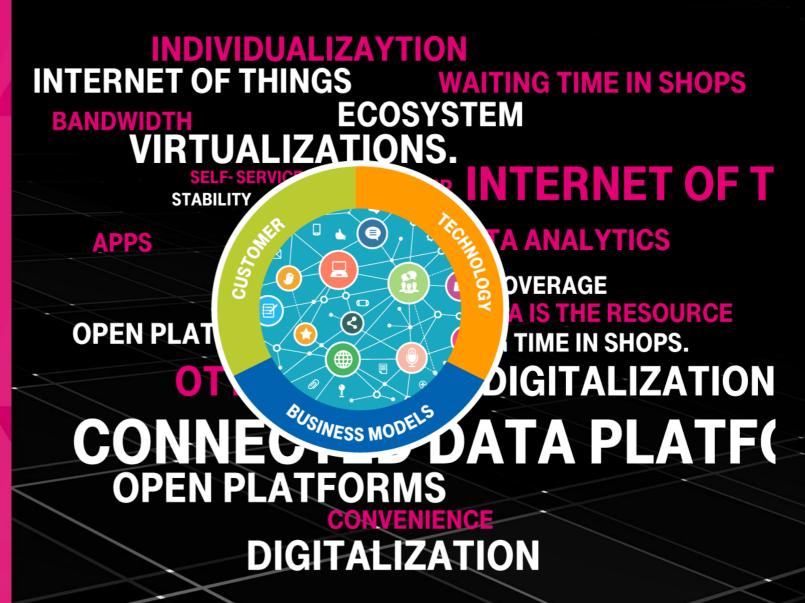


G@ DIGITAL

- DIG-I-TI-ZA-TION / DIJ-I-TAHY-ZĀ-SHaN/
 - UNDERSTAND AND SIMPLIFY THE BUSINESS,
 OPERATIONS AND SECURITY POLICY AND PROCESS
 - ORCHESTRATE AND ACCELERATE THE SIMPLIFIED POLICY AND PROCESS THROUGH TECHNOLOGY AUTOMATION
 - INSIGHTFUL ANALYTICS THAT DRIVE BUSINESS OUTCOMES, FASTER
 - THE EXPERIENCE BECOMES THE PRODUCT

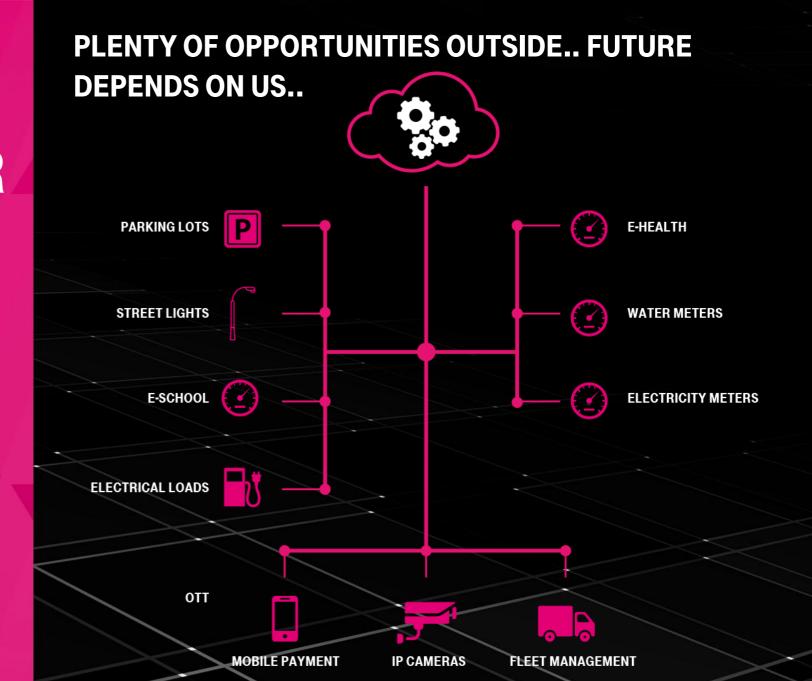
WHY INNOVATIONS ARE SO IMPORTANT?

WE ARE TECHNOLOGY LEADER BUT YET TO MONETIZE IN THE PAST BIG ATE SMALL ... TODAY FAST EAT SLOW



OUR SMART CITY-GROUND FOR DIGITAL SOCIETY

SMART SMART VEHICLE TICEKTING **CONTROL** **WEAS ICT PROVIDER** ARE **SETTING THE** GROUND **FOR THE** DIGITAL SOCIETY

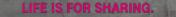


MORE THEN 60% OF **BUSINESS USERS WILL BE PARTLY OR WHOLLY** PROVISIONED **IN THE CLOUD BY 2020**



WE NEED TO CHANGE AND ADOPT TO IT MONETIZE ON DATA, CONNECT THE "ISLANDS"

WITH MANAGED SERVICES



WE CANT DO IT ALONE! WIN WITH PARTNERS

DT (MKT) CISCO – ROSE PROGAM



T-- diala

TOGETHER WE WILL

STILL-WEMUST BE FASTER!

ONLY THOSE WHO CHANGE AND ADOPT SURVIVE



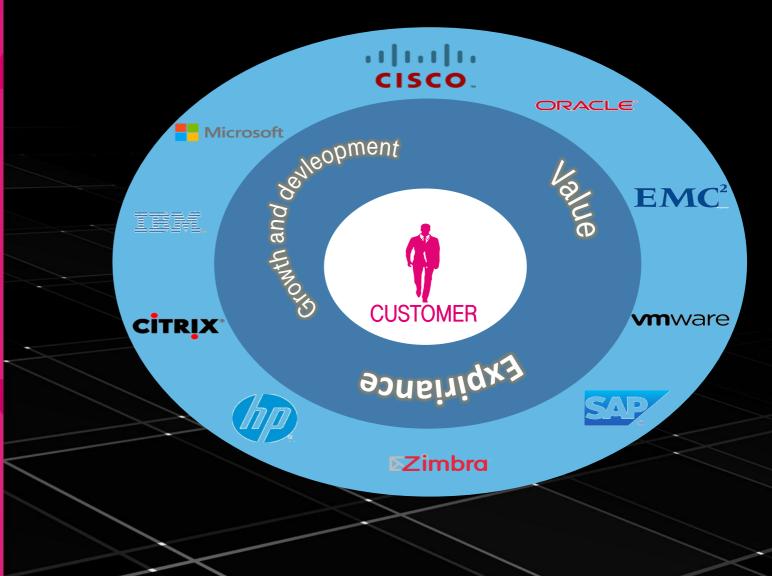
"THE COST OF DOING THE SAME OLD THING IS FAR HIGHER THAN THE COST OF CHANGE"

BILL CLINTON



TOGETHER WITH CISCO: - WE ARE NUMBER 1 ICT **MARKET PLAYER** - WE ARE FIRST CHOICE **FOR CLOUD AND MANAGED SERVICES** -WE ADD VALUE FOR **OUR CUSTOMERS** -WE ARE PERCEIVED AS **COMMON BRAND FOR BEST SERVICE**

WINNING WITH OUR PARTNERS – WE FURTHER DEVELOP AND SHAPE THE DIGITAL FUTURE



WINNING WITH PARTNERS - CISCO

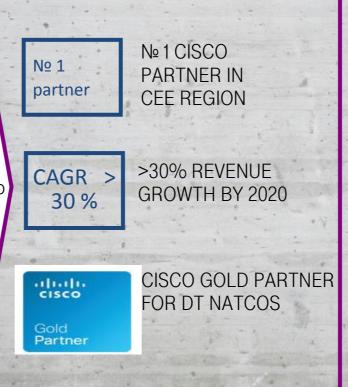
JOINT AMBITIONS

FOCUS AREAS

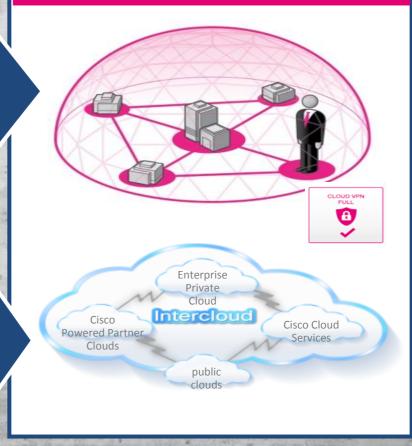
- Joint offer
- Developing managed service
- Developing joint Cloud strategy on Cisco infrastructure

LIFE IS FOR SHARING.

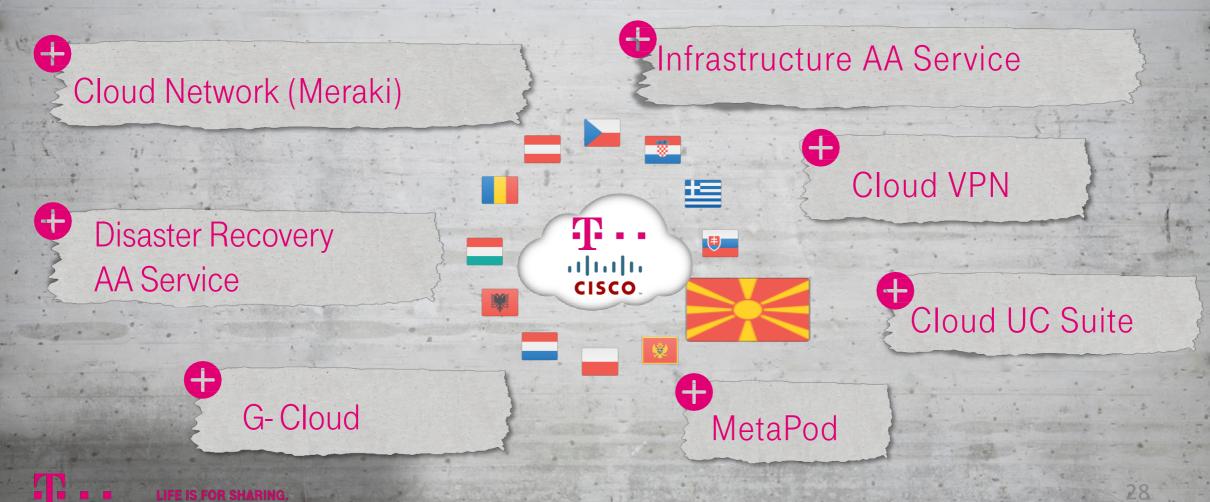
Developing Cloud services



JOINT SERVICES UNDER T



WE BUILD SUSTAINABLE BUSINESS TOGETHER OUR INTEGRATED PORTFOLIO ON SECURE CLOUD



OUR MANAGED SERVICES COMMUNICATE WITH NO MEDIA INCOMPATIBILITIES

COMMUNICATION

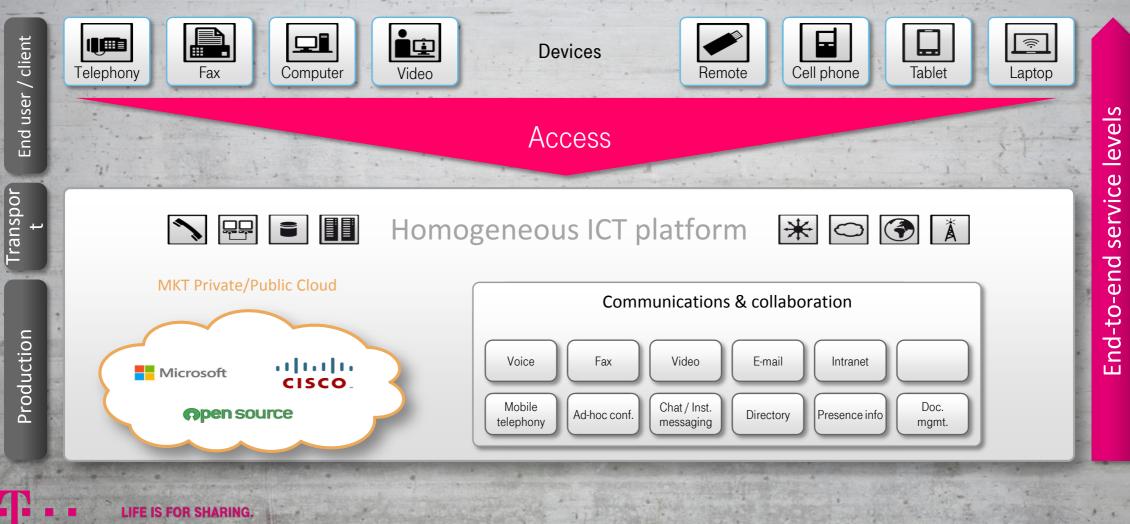


OUR MANAGED SERVICES COLLABORATE IN REAL TIME

COLLABORATE



OUR MANAGED SERVICES INTEGRATED SERVICES FROM THE SECURE CLOUD



MAKEDONSKI TELECOM AS CISCO GOLD PARTNER AND CISCO ARE YOUR PARTNER FOR THE DIGITALIZATION ERA



GLOBAL CAPACITIES AND INTEGRATED ICT FMCC (FIX, MOBILE, CLOUD CONVERGED) INTEGARTED FROM SINGLE SOURCE

FE IS FOR SHARING



STRONG CLOUD AND SECURITY EXPERTS ENGINEERING MADE IN MACEDONIA, KNOW HOW SYNERGIES MADE IN CISCO and DT FOOTPRINT

WE ARE EXPERTS FOR ICT TRANSFORMATION SIMPLICITY AS BASIS

SHARING OUR STRATEGIES - WE CREATE VALUES SHAPING THE FUTURE IN THE DIGITAL WORLD

- Simple products and services under one brand, letting customers to care only for their core business fully outsource their technology needs to us
- 2 Optimum pricing for service, no direct investments, letting customers invest into their core businesses and bring technology TCO at least 20% lower
- ³Success based on **building trusted partnering** global international innovations with local implementations and customization

PARTNERING CISCO, WE MANAGE TO DELIVER OUR STRATEGY BECOMING LEADING TELCO AND ICT SERVICE PROVIDER IN EUROPE



Lets join forces and tackle the challenges together!