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Industry



60% of manufacturing tasks could be automated improving productivity, quality and safety

Source: McKinsey, BCG, BuildingRadar

Infrastructure



80% of the lifecycle costs are in the operations phase. The possibility to influence the costs is the highest in the planning phase

Mobility



20% potential increase of transport capacity w/o building new physical infrastructure

The industrial Internet of Things will trigger the next era of growth and innovation

by combining the physical and digital worlds

Systematic expansion of software and automation portfolio

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€10 billion investment in acquisitions of software companies

UGS

innotec

















Industrial software #1





Automation #1

Virtual world Software €5 billion revenue

Real world Automation

2007

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Selection of

acquisitions

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2020

Twitter: @BuschRo

Multiple actors from three different groups all are competing for the attractive market

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Traditional players

Building strategic networks to expand offering & enable end-to-end solutions





Tech companies

Positioning themselves as **IoT/digitalization partner** for major vertical industries









Consulting firms / System integrators

Expanding into attractive and fragmented IoT domain



Siemens - a digital Champion for Industry and Infrastructure

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Solutions & Services

Marketplace
IoT Consulting & Implementation
Digital-Enabled Solutions & Services

Software

Vertical Software

Development Environment

Cloud infrastructure

Automation

Edge – "Seamless Edge to Cloud"

Smart Edge Devices

Control Systems

Hardware

(Smart) Devices

Business Ecosystem

Industrial Ecosystems



Cloud Partners



Alliances



Unleash new customer value by combining the physical and digital worlds in all served markets

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Combining the physical and digital worlds













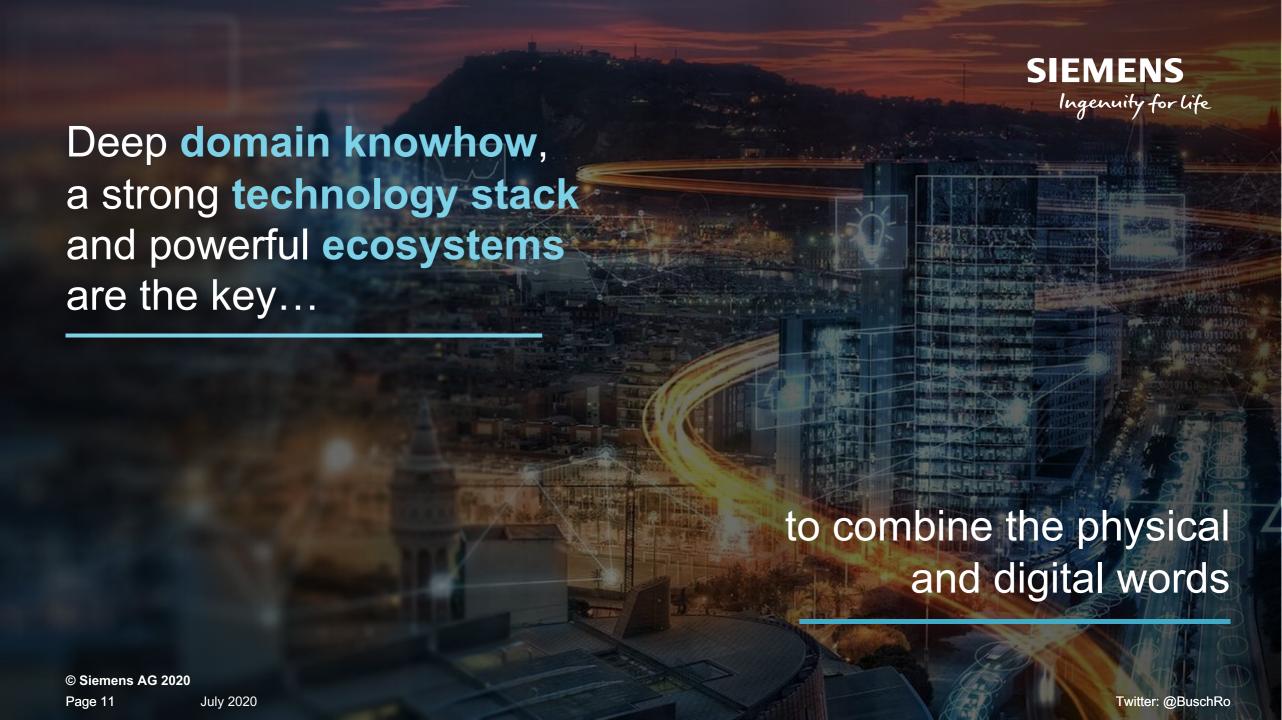


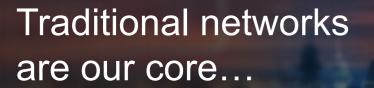


Physical

world







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Supply chain/ **Business** partners



Platformecosystems

Knowledge networks



platform ecosystems are our future

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Evolution of our market from core to incremental SW capabilities and connected systems

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40" 40" *











selected examples



Low-Code Software platform **120,000+ developers** on mx mendix







Industrie 3.0

Industrie 4.0

Core Markets

321" **2**.8% *

Automation systems

45 million installed

Safe return to office Using IoT native Enlighted and cloud native Comfy platforms in times of COVID-19 and beyond

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Heatmaps



Keep occupancy limits







Identify interactions with those confirmed COVID-19 infections

Monitor density & safe distancing

Booking



Ensure compliant work during social distancing

Information



Provide COVID-19 updates for all employees

Safe return to office

Siemens and **Salesforce** combine their value add of key technologies, helping our customers to reopen safely

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Efficient maintenance

100% availability

Reliable operations

Outcome as a service

Insights as a service

models

Business

Software as a service

Managed service



Data

Rolling stock

Signaling

Infrastructure

Low-code App platform Mendix SIEMENS Build applications 10x faster with 70% less resources Ingenuity for life 120.000+ 130+ universities developers 750+ customers 150+ integration across 25 industries partners Customers **Suppliers Operators** Engineers Marketing and Sales **Apps Engineering Portal** apps apps Workflow Field service Other **Dashboards** mendix apps and reporting **Technicians** departments **Excel** IoT **Existing Systems** replacement apps apps ORACLE" **Mobile** salesforce Mashup apps apps Microsoft **SIEMENS** © Siemens AG 2020 July 2020 Twitter: @BuschRo Page 18



