Co-creating a Digital Future with MindSphere

– The cloud-based, open IoT operating system from Siemens

Taoyuan, Feb. 26, 2018

Erdal Elver, President & CEO, Siemens Taiwan

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A lot can happen in a year

90% of the data in the world today has been created in the last two years

Source: IBM, “10 Key Marketing Trends For 2017,”

A lot can happen in a day

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5.5 million new “things” get connected every day, and 50 billion by 2020

Source: Gartner Research

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Digitalization changes everything

We lived on farms, then we lived in cities, and now we're going to live on the internet.

Mark Zuckerberg, founder of Facebook

Digital is the main reason just over half of the companies on the Fortune 500 have disappeared since the year 2000.

Pierre Nanterme, CEO Accenture

New business models in the internet age are disrupting complete markets

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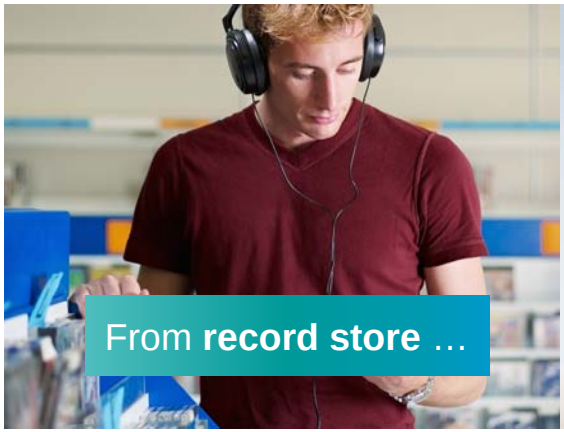

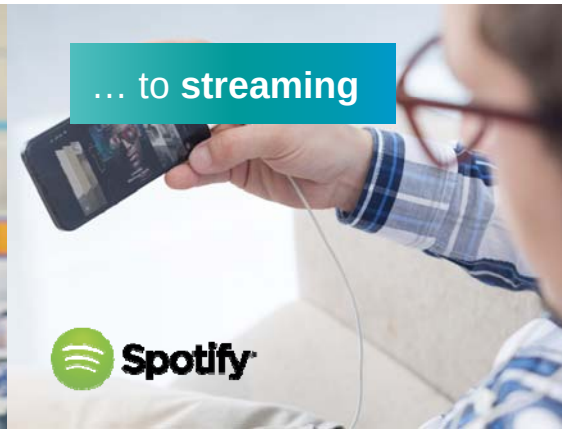

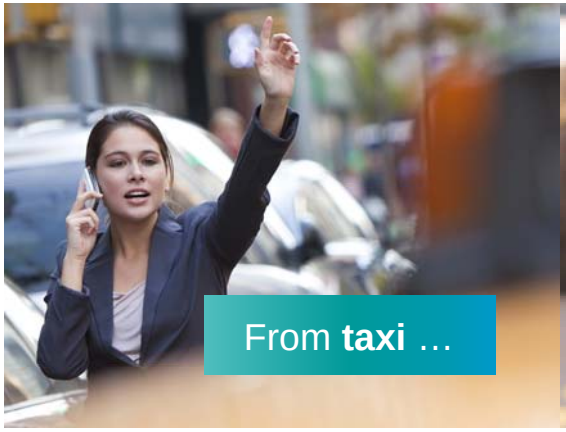

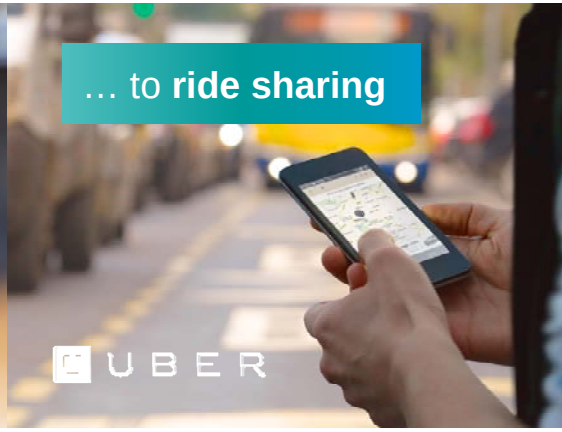

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The digital footprints of Siemens

The digital footprints of Siemens

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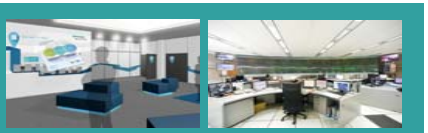
Design & engineering | Automation & operation | Maintenance & Utilization

Siemens Software

UGS The PLM Company

Mentor Graphics

Siemens Digital Services



MindSphere

The cloud-based, open IoT operating system

Platform as a Service (PaaS)

Digitally enhanced Electrification and Automation

Holistic IT Security

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IoT and Connected Devices are our business !

#1 automation provider

30M automation systems

Top 10 global software company

70M contracted smart meters

800K connected products

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...from Digitalization changes everything...

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...to MindSphere changes everything

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MindSphere

The cloud-based, open IoT operating system from Siemens

MindSphere – the cloud-based, open operating system for the Internet of Things from Siemens

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MindApps

Asset transparency and analytical insights into machines, plants, fleets and systems

MindSphere

Various cloud infrastructures: Public, private or on-premise

MindConnect

Secure plug and play connection of Siemens and third-party products

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MindSphere Changes Everything by:

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Quickly and easily connecting real things to the digital world

Creating a strong partner ecosystem with Open Platform as a Service (PaaS)

Enabling unmatched closed-loop innovation with the complete digital twin

Driving business success with powerful industry applications and digital services

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MindSphere changes everything by quickly and easily **connecting real things** to the digital world

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MindSphere changes everything by creating a strong partner ecosystem with Open Platform as a Service (PaaS)

Applications co-creation –
A comprehensive ecosystem with strong partners

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Our partners

bluvision · FUJITSU · amazon web services · IBM Watson · Atos · accenture · SAP · chemtech · Capgemini · evosoft · intel · orange Business Services · pwc · McKinsey&Company · Microsoft Azure · Deloitte. · senseye · TATA CONSULTANCY SERVICES · HCL · OMNETRIC Group A Siemens & Accenture Company

- Consulting/strategic partners
- Connectivity partners
- Application developers
- Technology providers
- System integrators
- IaaS providers

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MindSphere changes everything by enabling unmatched closed-loop innovation with complete digital twin

And when you are ready…

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No other IoT provider can connect you to the **complete Digital Twin** like Siemens

Closing the Loop with the Complete Digital Twin

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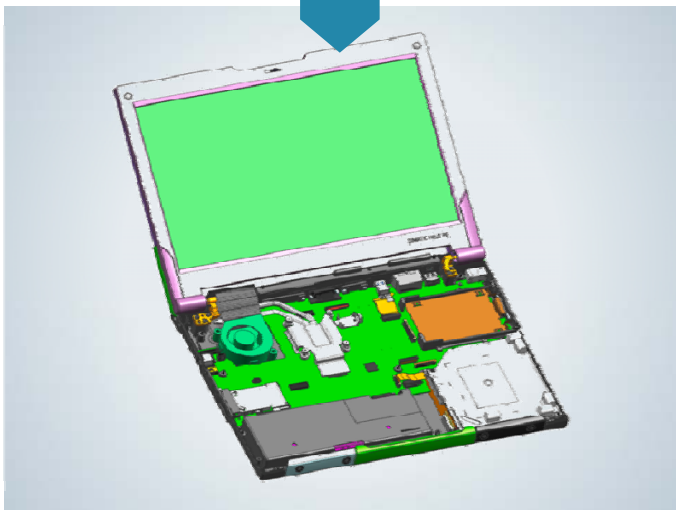
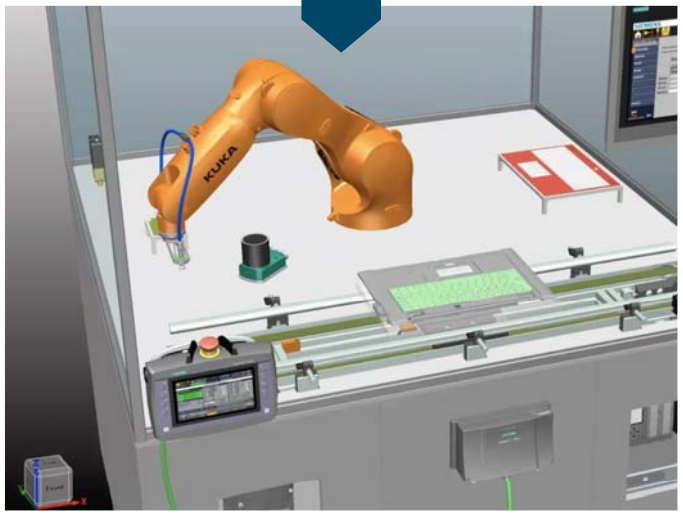
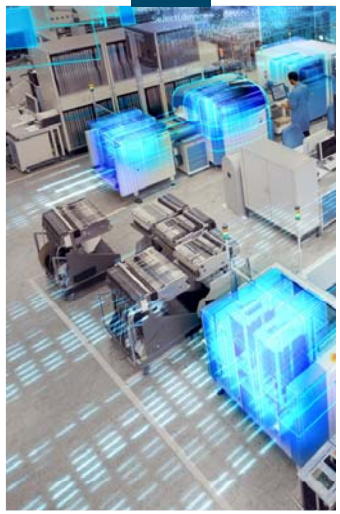
MindSphere

feed back insights to continuously optimize product and production







Product Digital Twin

Production Digital Twin

Performance Digital Twin

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MindSphere changes everything by driving business success with powerful industry applications and digital services

Product Intelligence

Automate insight from product performance data to create actionable intelligence with the complete digital twin

Quickly identify threats, security loopholes and anomalies

FUTURE APPLICATONS

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Railigent

Rail asset management for greater availability, reduced operational risks and costs, and prescriptive maintenance

FUTURE APPLICATONS

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Navigator

Monitor building system performance, energy demand and energy supply more effectively and efficiently

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Fleet Management

Always up to date

The key data for your connected components and systems

Reduce unplanned down times and increase efficiency levels of your machines

MindSphere changes everything by…

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Quickly and easily connecting real things to the digital world

Creating a strong partner ecosystem with Open Platform as a Service (PaaS)

Enabling unmatched closed-loop innovation with the complete digital twin

Driving business success with powerful industry applications and digital services

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To know more about MindSpere…

Intro. Video

English Whitepaper

Chinese Whitepaper

Feb., 2018

Erdal Elver, Siemens Taiwan

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