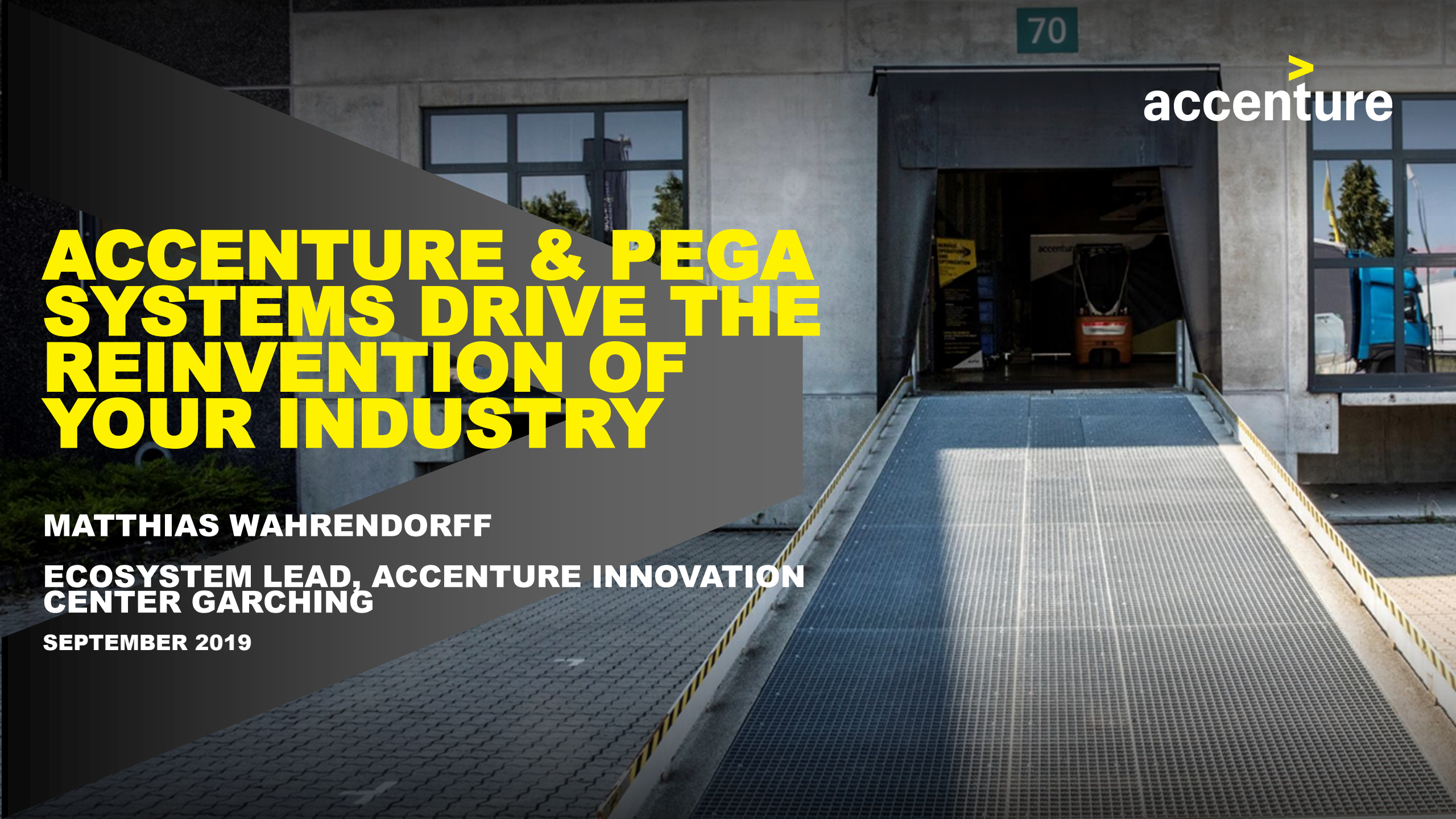

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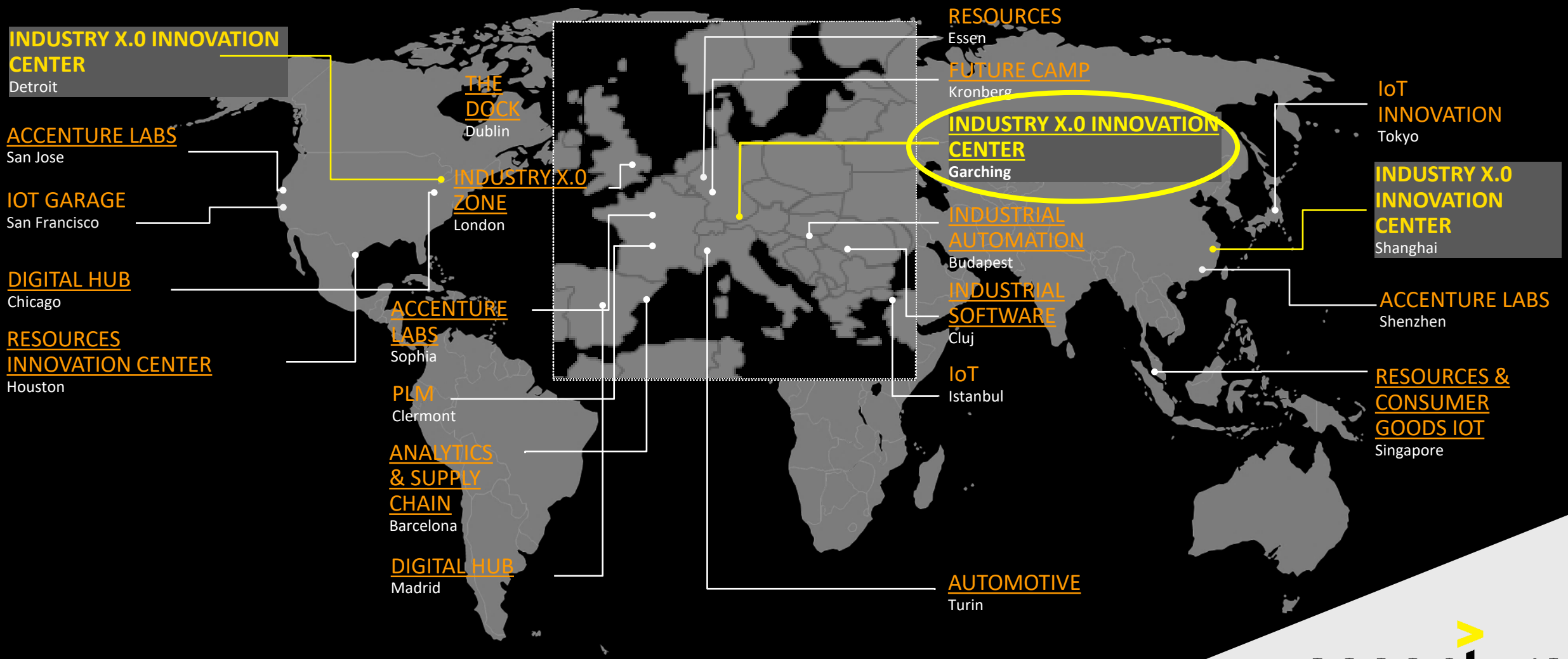
ACCENTURE & PEGA SYSTEMS DRIVE THE REINVENTION OF YOUR INDUSTRY

MATTHIAS WAHRENDORFF

ECOSYSTEM LEAD, ACCENTURE INNOVATION CENTER GARCHING

SEPTEMBER 2019

ACCENTURE'S GLOBAL INNOVATION CENTER EMBEDDED IN AN INTERNATIONAL NETWORK



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THE EXPERIENCE OF AN INNOVATION CENTER ENABLES TO REINVENT YOUR BUSINESS PROCESSES

ACCENTURE'S INNOVATION CENTER:

- Worldwide largest Innovation Center, focused on the Industrial Internet of Things (IIoT)
- 1,400m^2 of industrial space and 1,300m^2 of workshop and event space
- Constantly evolving client experiences with digital technologies "in action" > 80 demo cases
- Leading-edge Design Thinking capabilities linked to the industrial context
- Professional event location within an industrial digital environment
    - Auditorium capacity 200 people
    - Various meeting rooms (4-30 people)

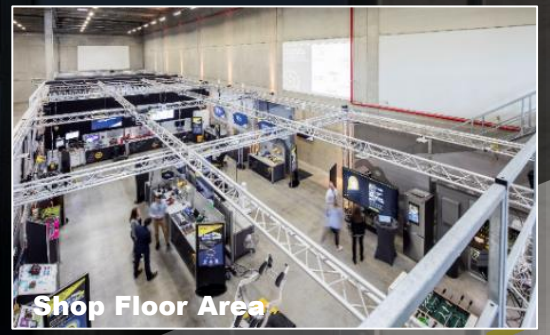
Welcome Reception

Auditorium / Main Stage

Main Boardroom

Shop Floor Demo Stations

Design Thinking Cubes 1 & 2


Shop Floor Area

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NUMEROUS CLIENT WORKSHOPS AND EVENTS WERE HOSTED SINCE THE CENTER OPENING IN JANUARY 2017

490+
Workshops conducted

195+
Clients hosted from various industries

16
Countries clients came from

Multitude of special events
Management board sessions, master classes, trainings, etc.

Global board meetings
e.g. Accenture‘s annual global board of directors meeting hosted in July 2018

- Automotive
- Industrial equipment
- Aerospace & defence
- Consumer goods
- Medical equipment
- Insurance companies

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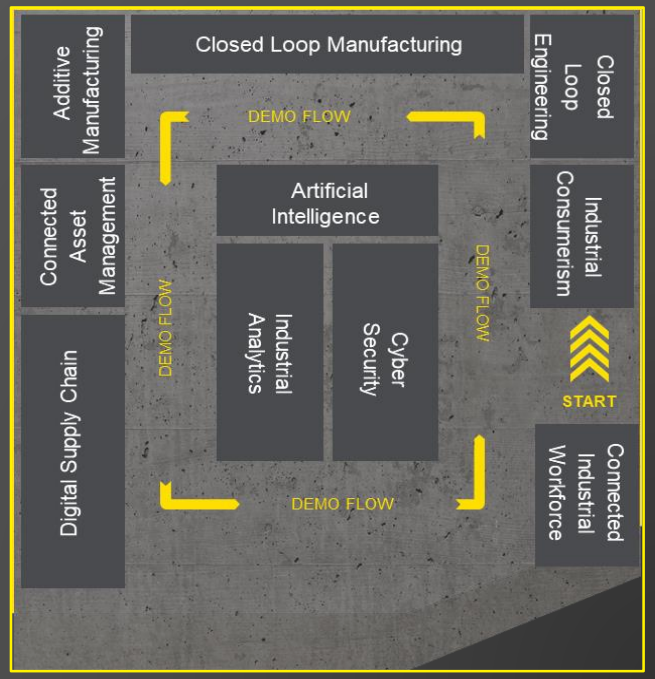
GET INSPIRED BY IIOT TECHNOLOGY, IDEATE YOUR BUSINESS TO THE NEW & TRANSFORM VIA INNOVATION

INSPIRE

Experience IIoT technologies in action along the value chain



IDEATE

Digitally transform your core business

Expand your core business

Scale your new business

INNOVATE

Tackle your business challenges in innovation workshops

Develop your prototypes and conduct your PoCs

Accelerate your transformation journey

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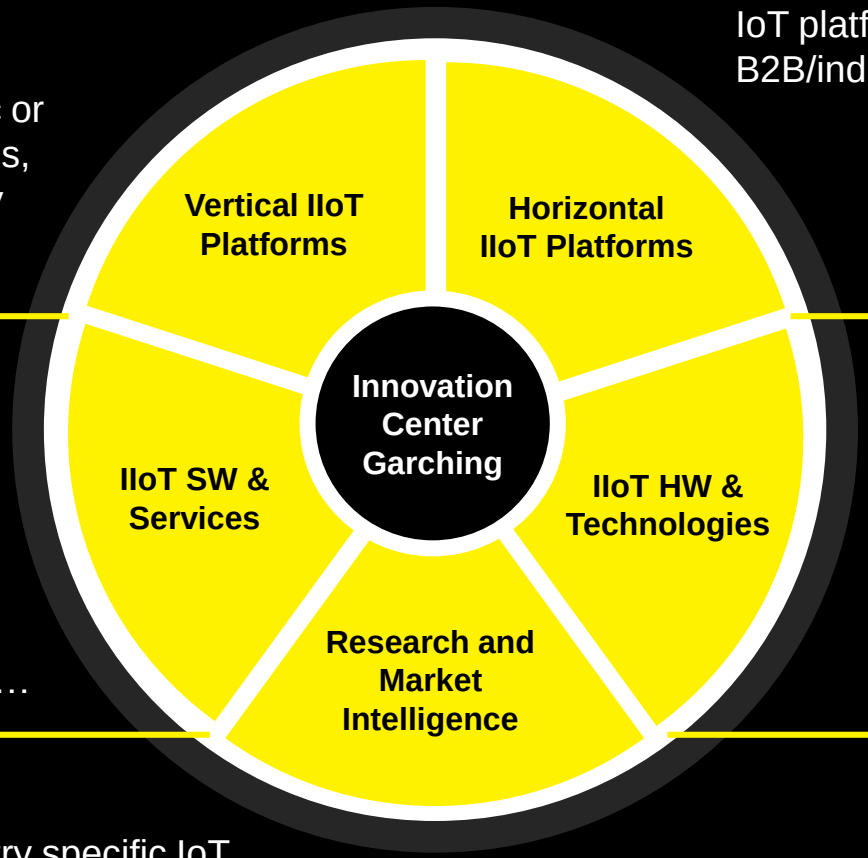
INNOVATION CENTER ECOSYSTEM ENABLES ACCENTURE CLIENTS TO INNOVATE WITH THE BEST EXISTING SOLUTIONS

Industrial companies which developed their own IIoT platforms.

Often industry specific or multi-industry platforms, sometimes proprietary for own products

Big SW&HW vendors and telco companies which developed IoT platforms, targeting B2B/industrial environment.

Typically not industry specific and open access platforms; often bundled with cloud computing.



IIoT SW and services specialists which offer specific IIoT applications and services such as…

… big data analytics, predictive maintenance, real time data monitoring…

IIoT HW and technology specialists which offer IIoT related products such as…

…edge computing devices, sensors, PLCs, WLAN connectivity, IoT VR/AR devices, 3D printing, …

Scientific and industry specific IoT research institutes, universities with IIoT related faculties, …

… IoT consortia, associations and institutes.

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OUR APPROACH ORCHESTRATES KNOWLEDGE, SKILLS AND EXPERIENCE TO ENABLE INNOVATION

9:00		**SAMPLE AGENDA WORKSHOP DAY**
	INSPIRE	Arrival & breakfast
		Welcome and participant introduction
		SME: Deep dive in selected topic
		Coffee break
		IIOT demo tour How does it apply to you?
13:00		Lunch
	IDEATE	Ideation session on client needs Brain storming & clustering Prioritization of sketched solutions
		Coffee Break
		Conceptionalization Elevator pitches of concepts
18:00		Wrap up & next steps

490+
Workshops conducted

195+
Clients hosted from various industries

- Industrial Equipment
- Aerospace & Defence
- Automotive
- Consumer Goods
- Insurance Companies
- Medical Equipment

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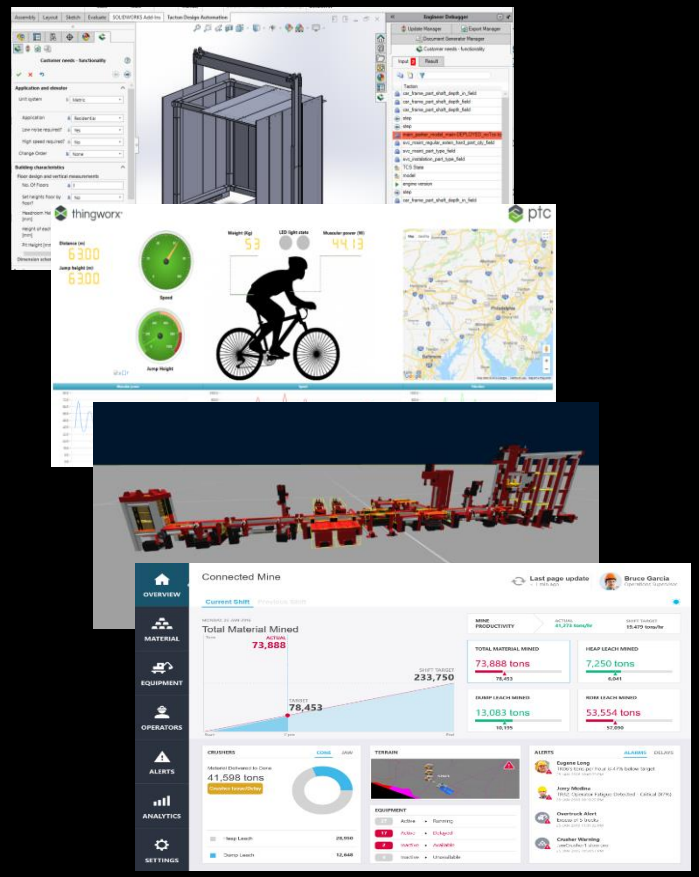
INSPIRATION – 10 IIOT TOPIC AREAS WITH 80+ USE CASES ENABLED BY IIOT TECHNOLOGY IN ACTION AND SME DEEP DIVES

IIoT Topics

- Industrial Consumerism
- Closed Loop Engineering
- Closed Loop Manufacturing
- Connected Asset Management
- Additive Manufacturing
- Industrial Analytics
- Artificial Intelligence
- Digital Supply Chain
- Connected Industrial Workforce
- Cyber Security

+

IIoT Demo Cases



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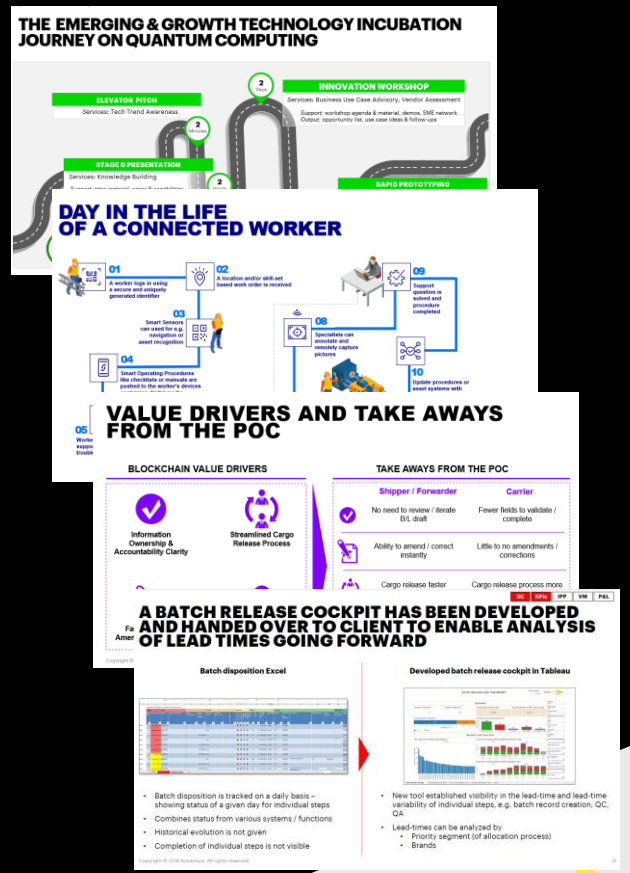
IIoT Deep Dives



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IDEATION – TACKLE YOUR BUSINESS CHALLENGES WITH AN INDUSTRIAL DESIGN THINKING APPROACH

Brain storming & Clustering

Prioritization of sketched solutions

Conceptualization

Elevator pitches

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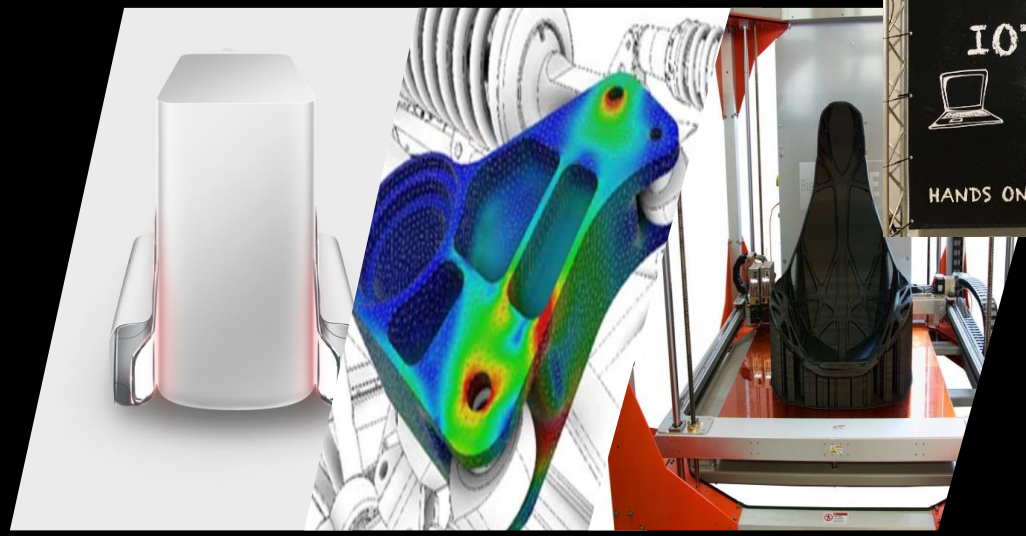
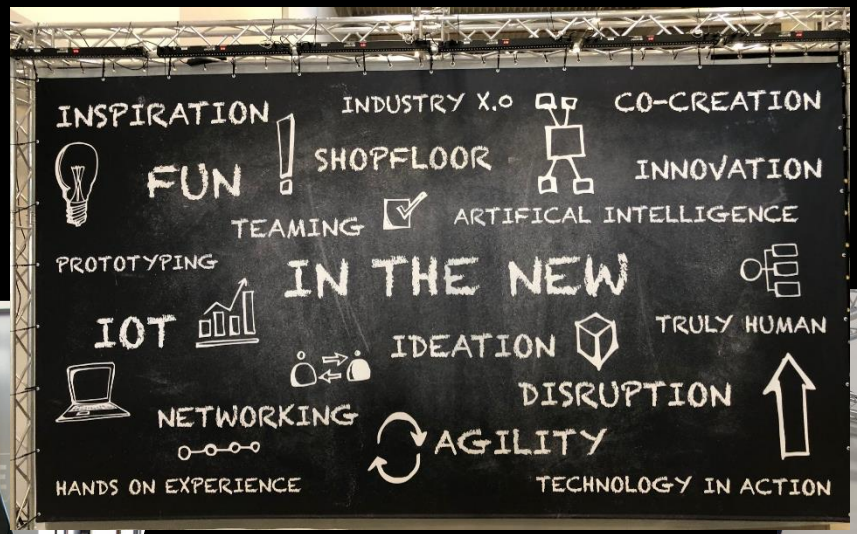
INNOVATION – REINVENT YOUR PRODUCTS & SERVICES IN ACCENTURE'S LIQUID STUDIO 2.0

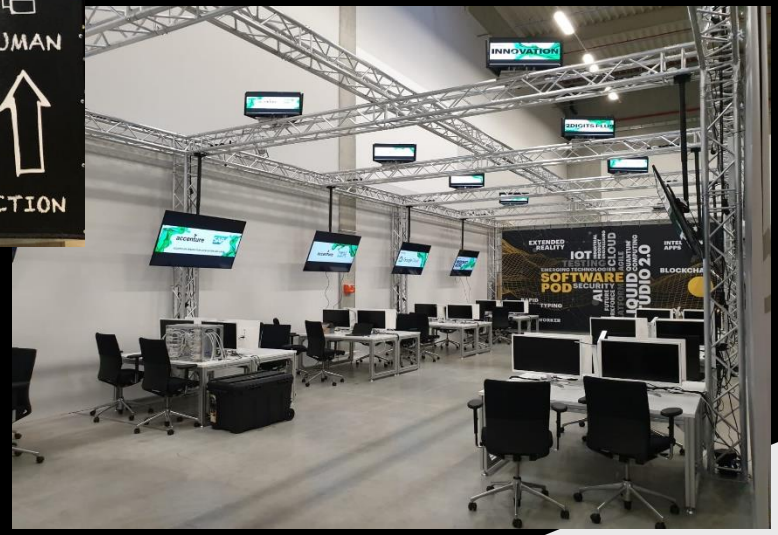
HW & SW PoCs, Prototyping and MVPs

- Design and Development of an autonomously driving vehicle
- IIoT Center Garching provides workshop space and engineering / 3DPrinting
- BigREP 3DPrinter





- Use a highly visible working environment on the ground floor area
- let your clients experience how your applications are implemented - based on real proposal and project work conducted in the Center.



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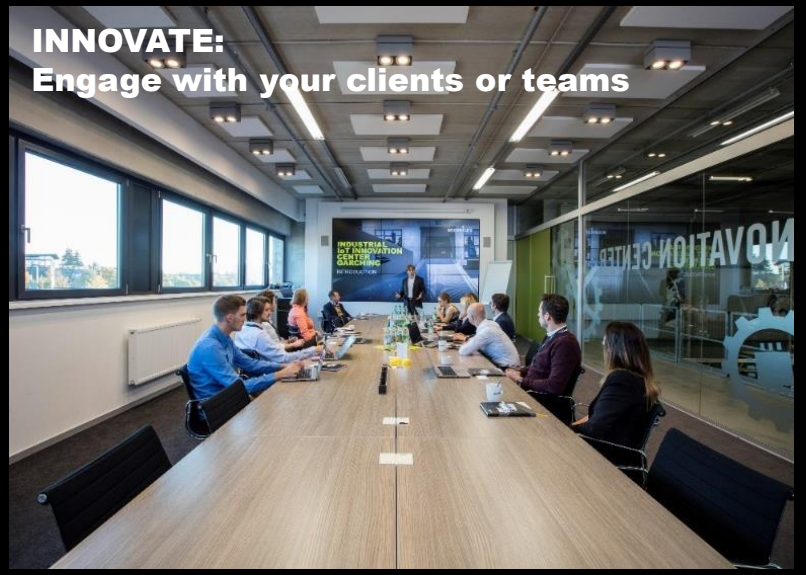
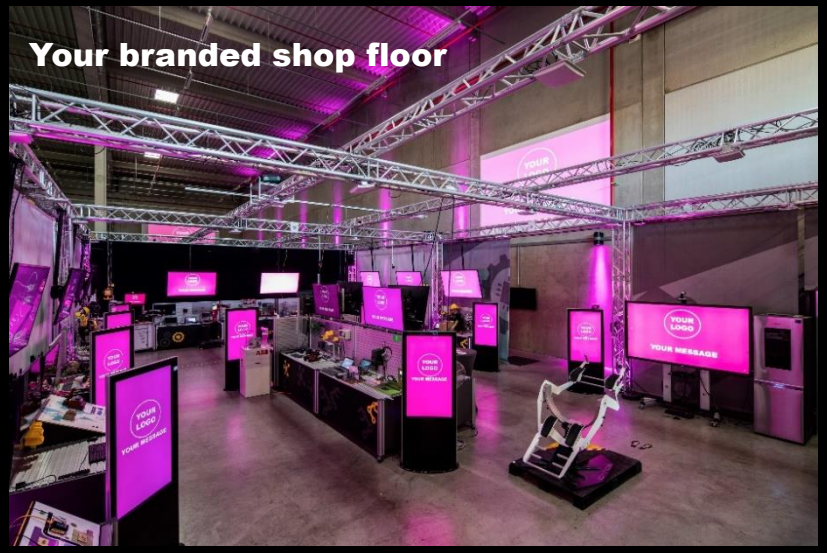


WE ARE LOOKING FORWARD FOR YOU TO JOIN US!



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Backup

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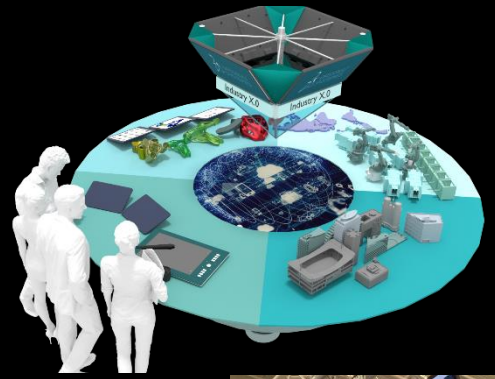
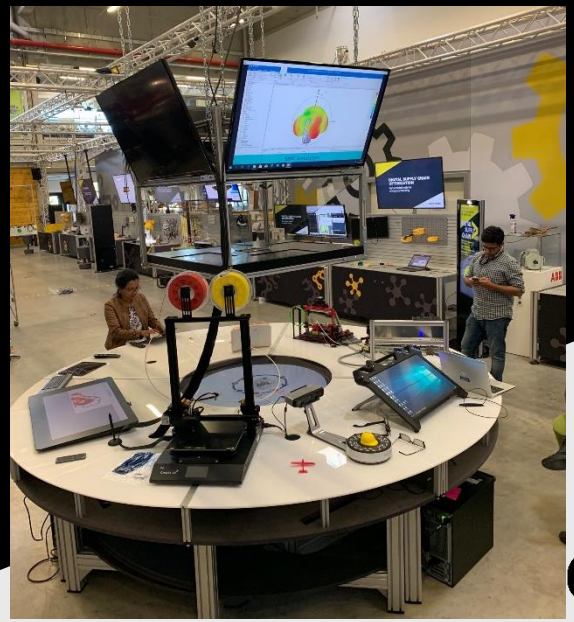
First holistic End to End Demos developed @IX.0 Garching

Presenting our PLM capabilities and active cross tribe collaboration



- **Ideation (Product IX.0 Tribe):**
- **Engineering (Engineering IX.0 Tribe):**
- **Manufacturing (Operations IX.0 Tribe):**
- **Service & Operations**

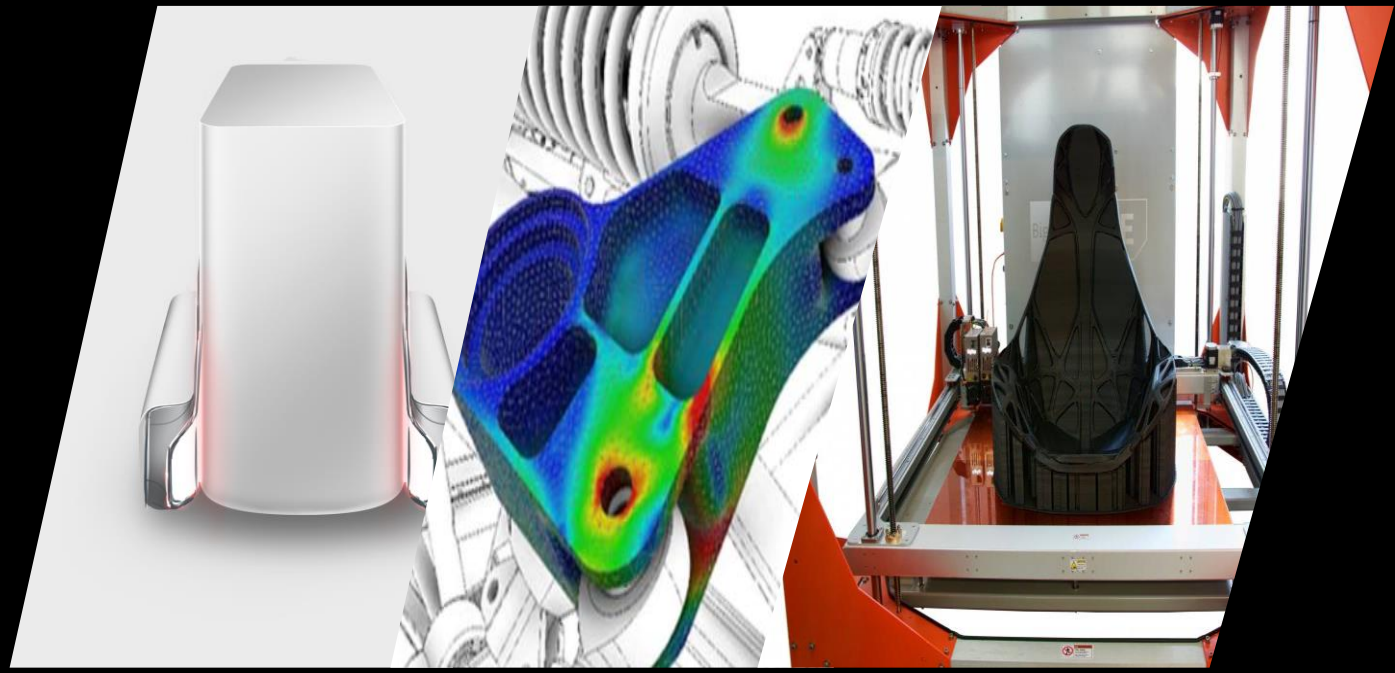


From a vision to a final design!

Within three months, we realized our goals and finally assembled the end 2 end table on our shopfloor.

Collaborative project between designaffairs, Mackevision SinnerSchrader, EvoPro, Kolle Rebbe, IX.0 @ GARCHING

- Design and Development of an autonomously driving vehicle
- IIoT Center Garching provides workshop space and engineering / 3DPrinting
- BigREP 3DPrinter



- CES 2020!

Open loop

Close loop

Concept Design → **Embodied Design** → **Detailed Design**

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