



# Overview

April 2021



Capgemini and Altran join forces in  
**Engineering and R&D** to create the  
**global digital transformation leader** for  
industrial and tech companies

We are set to deliver the **Next Industrial Revolution** for leading companies throughout the world.

We foster innovation, engineer new and differentiated “smart” products, optimize operations, create new customer experiences and deliver new sources of value.

We harness the **power of data, connectivity & software to pioneer Intelligent Industry.**

**52,000+**  
people

**30+**  
countries



## WE PIONEER THE INTELLIGENT INDUSTRY

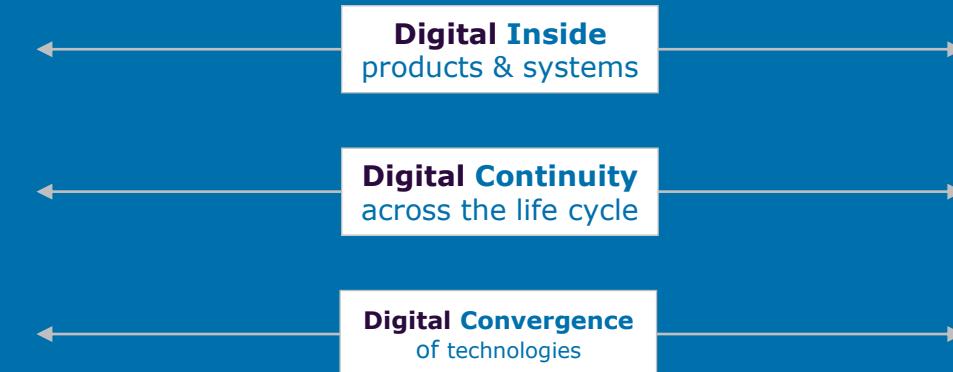


We foster synergies between the Digital and the Engineering worlds to help any company build intelligent **products, operations** and **services** at scale with digital **inside** everything, digital **continuity** throughout lifecycle and digital **convergence** with its ecosystem, allowing the rise of a sustainable Intelligent Industry era. //



## WE TRANSFORM DATA INTO INSIGHTS & ACTIONS

Everything becomes intelligent



Powered By Data & People Centricity



## WE ARE A LONG STANDING PARTNER TO INNOVATION LEADERS **ACROSS INDUSTRIES**

30+

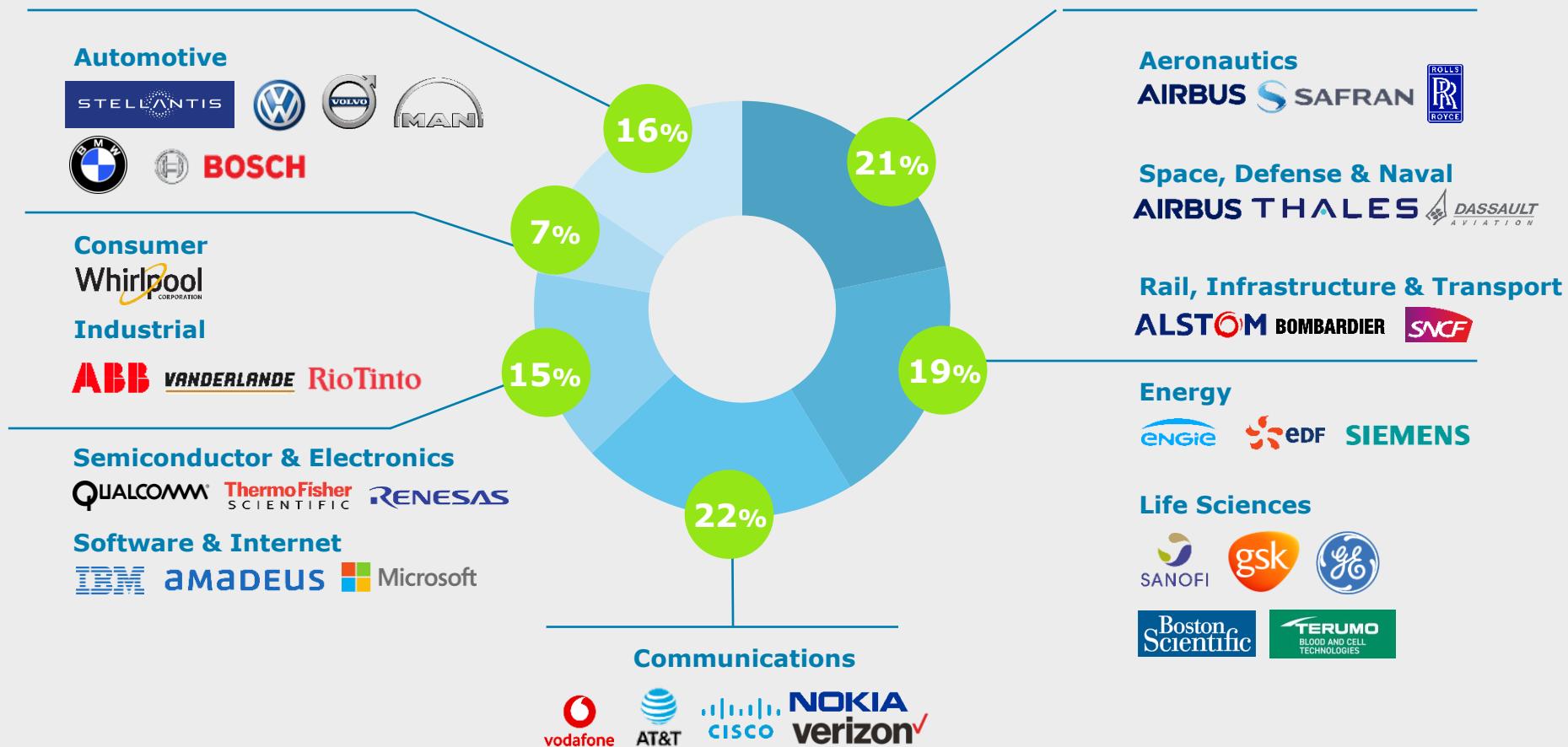
years expertise in  
product engineering

Ranked as strategic  
partner by

50+ clients

2/3rd

Of the top 500 global  
R&D spenders are  
clients

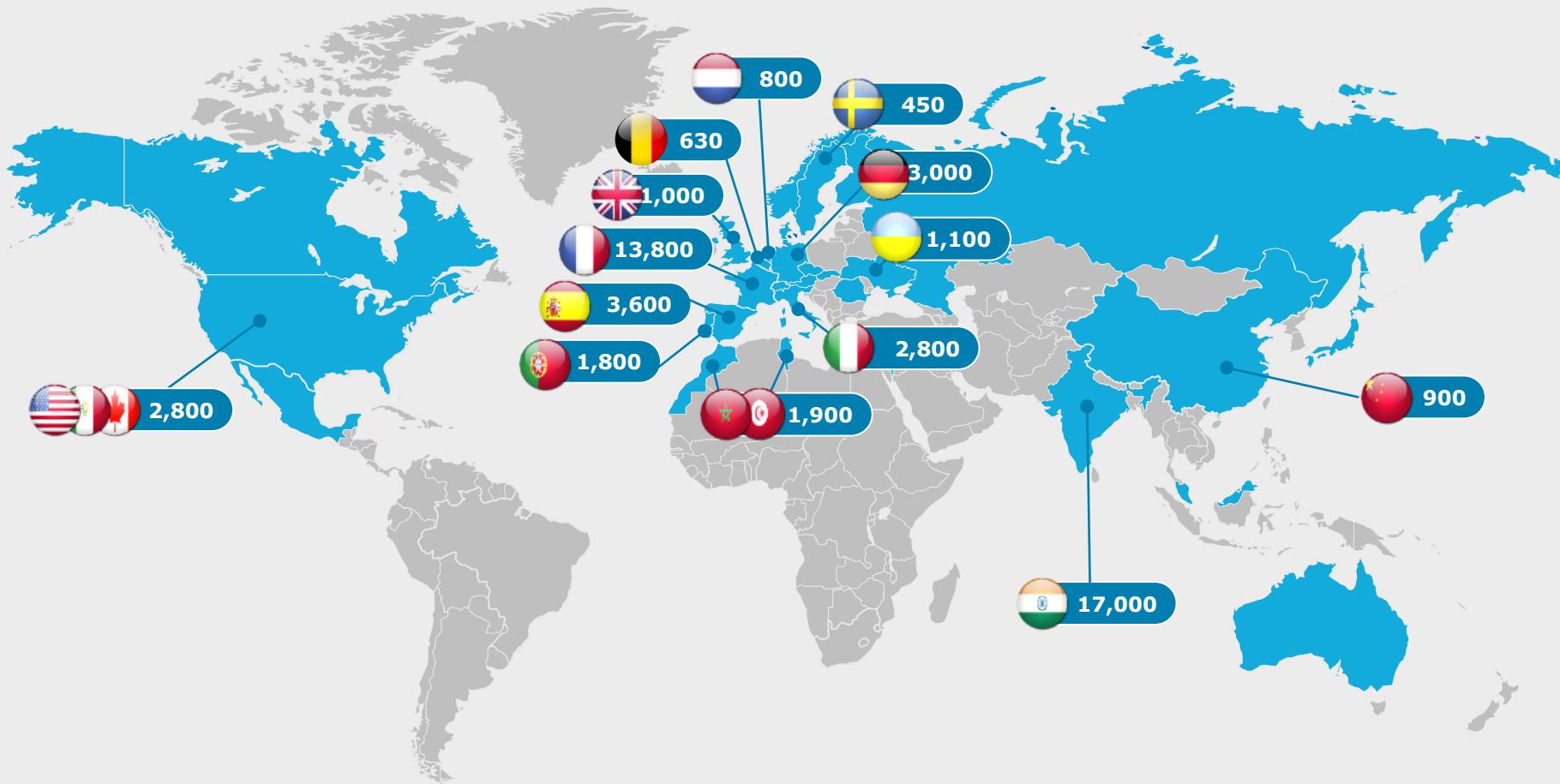


\* Figures have been rounded



## WORLDWIDE FOOTPRINT

We extend our clients' engineering capabilities with an unmatched breadth of skills and a local footprint everywhere on the planet.



**52,000+**  
Employees

**30+**  
Countries



## WHAT WE DO

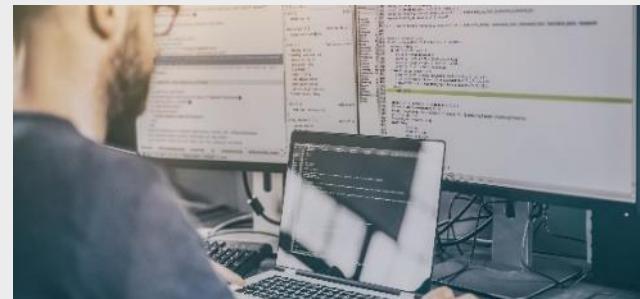
We help the largest innovators on the planet engineer the products and services of tomorrow leveraging experts, labs, tools and frameworks.



### Product & Systems Engineering

We **design, engineer, and test complex systems & products**, providing point expertise, assets and services on specific steps of the product development lifecycle, or taking responsibility for full product development projects.

- Product Development & Systems Engineering
- Multi-Physics Engineering
- Silicon, Electronics & Embedded Systems



### Digital & Software

We **create new client experiences, build and deploy cutting-edge products**, and deliver operational efficiencies at the continuous speed of today's markets.

- Data & Software Product Engineering
- Product Lifecycle Management (PLM)
- Connectivity



### Industrial Operations

With the combined expertise in manufacturing engineering, industry domain knowledge and hands-on experience in technologies, we **transform companies' industrial operations** and deliver quantified improvement in performance, flexibility, and productivity.

- Manufacturing Engineering & Asset Management
- Supply Chain & Quality Management
- Product Support & Sustenance



## DIGITAL & SOFTWARE ENGINEERING

We bring together the unique blend of domain and technology expertise to help our clients grow and seize business transformation opportunities at the continuous speed of today's markets.



### Digital Engineering & Manufacturing

We enable the adoption of Digital technologies in the cyber-physical world **from design to operations & support** through effective implementation of accelerators.

- Advanced Connectivity & 5G
- Data Driven ER&D
- Industry 4.0 & PLM



### Software Product Engineering

We help our clients to capture new markets and business models by accelerating the **development of disruptive software products and services**.

- Best in class SaaS & platform development
- New services verticals
- Enterprise software products



### Software Product Support & Transformation

We combine our design-led engineering expertise, software frameworks and outcome-driven business model to **modernize core products**.

- IP partnerships
- Intelligent automation
- Industrialized models



Analytics & AI



IoT & Edge Computing



Smart Factory



Software Frameworks



Cloud Native



Future Ready Products

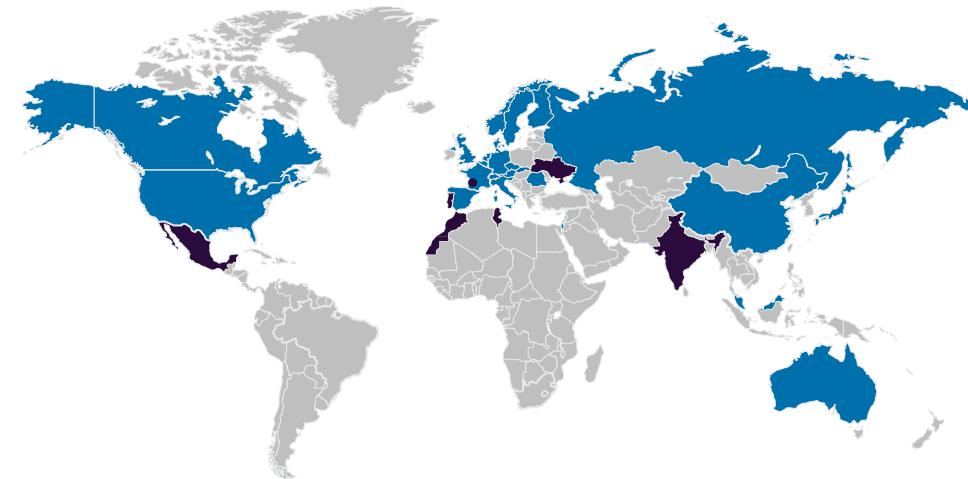


## INDUSTRIALIZED GLOBALSHORE®

The premier Engineering and R&D global end-to-end delivery model:

- Access to an **ocean of experienced engineers**
- Strong **intimacy** with client organization in their different locations
- Proven **quality** benefits at scale
- **Unmatched cost advantage** combined with **industry knowledge**
- A **new partnership** and delivery model for engineering

### OUR ENGINEERING CENTERS

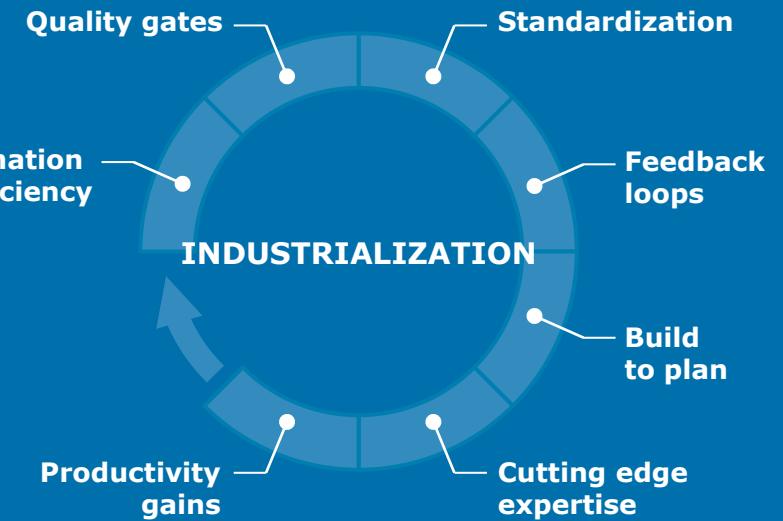


● Global Engineering Center or Technology Engineering Center

**21,000+**  
GlobalShore Engineers

- Connectivity & networks
- Semiconductor
- Embedded software
- Software engineering
- Mechanical
- Testing / Simulation...

### SCALING & INDUSTRIALIZING THE DELIVERY OF ENGINEERING SERVICES





## WE EXPLORE THE FUTURE OF INDUSTRIES WITH **6 R&I PROGRAMS**

Our R&I programs are business accelerators that help clients with high-intensity R&D to prove out the value of incremental and disruptive technologies by pioneering engagements built around recognizable assets. Clients go further, faster and to places they would not necessarily go alone.



### Future of mobility

Accelerate the future of flight, multi-modal transport, shared mobility and last mile logistics by realizing the vision of safer, collaborative and autonomous vehicles for sustainable urban super cities.



### Future of industry

Capture the benefits of sensing, connectivity and decision making on the edge to boost productivity and revenue growth across every industry.



### Future of networks & compute

Eliminate the constraints on compute, network and storage for the next generation of immersive experiences and look forward to the final frontier of the space economy.



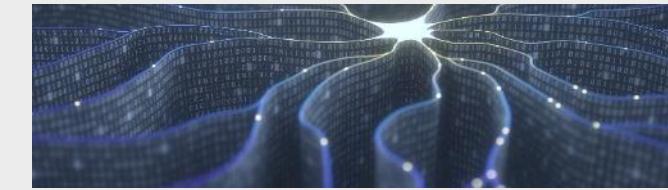
### Future of engineering

Disrupt the way we innovate on products and protect the planet by taking into account parameter complexity, autonomous systems, everything-as-a-service & systems of systems.



### Future of healthcare

Develop technology platforms for pharmacogenomics, digital therapeutics and predictive medicine that revolutionize the way we cure & treat disease by considering variability in genes, lifestyles and response to therapies.



### Applied AI

Thoughtfully apply data science and machine learning technologies to scale industry-specific problems in precision medicine, autonomous systems, aerospace simulations and industrial automation.



## SELECTED SUCCESS STORIES



### MAN

We acted as a development partner to **electrify a new generation of trucks** for MAN Truck & Bus AG, from **concept to homologation**, leveraging our expertise in the field of electric mobility and full vehicle development.



### THALES ALENIA SPACE

We helped space engineers show how **augmented reality (AR) and mobile technologies** can improve the crew's **efficiency, accuracy and autonomy** aboard the International Space Station (ISS).



### VODAFONE

**Development and integration of multiple 5G & Edge use cases** covering different industries (consumers, automotive, healthcare, public safety, ...) for Vodafone to **support the creation of smart cities** in Europe.



### STELLANTIS (ex-GROUPE PSA)

We collaborated with Stellantis to create its new mobility solution, the Citroën AMI, a **light electric vehicle** designed to **meet the environmental challenges**.



### GSK

We helped GSK increase innovation, reduce time to market and enhance quality in drug discovery through a **robust analytics and data science partnership**.



## SELECTED SUCCESS STORIES



### BAKER HUGHES

Baker Hughes partnered with us to design and implement an **Industrial IoT solution that transformed shop floor processes**, to provide operators with a new level of insight and the ability to adjust production at a moment's notice.



### AIRBUS

We partnered with Airbus to **industrialize the printed electrics technology in aircrafts**. Heavy cable harnesses were replaced and a high automation and customization potential was incorporated.



### HYPEROLOOP

Thanks to our partnership agreement with the Hyperloop UPV team, we are providing **technological support and R&D expertise** to the Hyperloop UPV project, a **revolutionary ground transportation system**.



### SANOFI

As part of **Sanofi's digital transformation roadmap of manufacturing**, we developed an augmented QC lab to increase the efficiency of operations and the quality of process execution.



### ENGIE

We supported ENGIE in its **Digital Operations Program**, analyzing the potential impact of digital transformation on its industrial assets and operations performance and **defining its long-term digitalization roadmap**.



# WHY CHOOSE US

- 1) Deep industry expertise
- 2) End-to-End offerings to pioneer Intelligent Industry
- 3) Strategic transformation partner of the Innovation leaders
- 4) Unmatched portfolio in Digital & Software
- 5) Industrialized Globalshore®



## RECENT ANALYSTS RECOGNITION OF OUR ER&D SERVICES FOOTPRINT



Recognized as **global leader for ER&D services and IoT Services** in the Zinnov Zones 2020 assessment.

Recognized as undisputed #1 across: **Aerospace, Automotive, Industrial, Medical Devices, Semiconductor, Telecommunications, AI Engineering, ADAS, Telemedicine, and SDN-NFV.**

One of the **top 5 Leaders** across: **Enterprise Software, Telematics, Software Platform Engineering, Cybersecurity, Digital Thread, and AI/ML Engineering for BFSI.**



Positioned in the **leadership zone for Industry 4.0 services** in the Everest Group PEAK Matrix Assessment 2020.

Ranked as **#1** in Everest Group **Engineering Services Top 50™** 2020.



# Capgemini engineering

## About Capgemini

Capgemini is a global leader in partnering with companies to transform and manage their business by harnessing the power of technology. The Group is guided everyday by its purpose of unleashing human energy through technology for an inclusive and sustainable future. It is a responsible and diverse organization of 270,000 team members in nearly 50 countries. With its strong 50 year heritage and deep industry expertise, Capgemini is trusted by its clients to address the entire breadth of their business needs, from strategy and design to operations, fuelled by the fast evolving and innovative world of cloud, data, AI, connectivity, software, digital engineering and platforms. The Group reported in 2020 global revenues of €16 billion.  
Get the Future You Want

Learn more at

[www.capgemini.com](http://www.capgemini.com)

## About Capgemini Engineering

Capgemini Engineering combines, under one brand, a unique set of strengths from across the Capgemini Group: the world leading engineering and R&D services of Altran – acquired by Capgemini in 2020 - and Capgemini's digital manufacturing expertise. With broad industry knowledge and cutting-edge technologies in digital and software, Capgemini Engineering supports the convergence of the physical and digital worlds. It helps its clients unleash the potential of R&D, a key component of accelerating their journey towards Intelligent Industry. Capgemini Engineering has more than 52,000 engineer and scientist team members in over 30 countries across sectors including aeronautics, space and defense, automotive, railway, communications, energy, life sciences, semiconductors, software & internet and consumer products.

Learn more at

[www.capgemini-engineering.com](http://www.capgemini-engineering.com)