Exploring Engineering & R&D

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ER&D Services market growth driven by externalization & digital

Market growth drivers

1. R&D spending growth and Externalization
2. Industrialization & Offshore
3. Technology disruptions + Digital ER&D
4. Giant spenders & subscale providers
Capgemini ER&D is the **world leader in Engineering and R&D Services** drawing on intimate relationships with the CTOs and engineering heads of the leading companies throughout the world.

We harness the power of data, connectivity, systems & software to pioneer **Intelligent Industry**.
Leading partner for innovation leaders across industries

1. Experience
35+ years expertise in engineering

2. Stickiness
Ranked as strategic partner by 50+ clients

3. Balance
- Automotive
- Consumer & Industrials
- Hi-tech
- Energy & Life Sciences
- Aeronautics, Space Defense & Rail
- Communications

4. Reach
~2/3rd
Of the top 500 global R&D spenders are clients
What we do

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

**Product & Systems Engineering**

We design, engineer complex systems & products, providing expertise on part of the development lifecycle, or taking responsibility for full product development.

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

**Digital & Software**

We design, build cutting-edge digital products and create new client experiences.

- Data & Software Product Engineering
- Product Lifecycle Management (PLM)
- Advanced Connectivity & 5G

**Industrial Operations**

We provide expertise in manufacturing engineering, transform companies’ industrial operations and deliver improvements in performance and flexibility.

- Manufacturing Engineering & Asset Management
- Supply Chain & Quality Management
- Product Support & Sustenance
Specific focus on Digital & Software

**Digital Engineering & Manufacturing**

We enable the adoption of Digital technologies in the cyber-physical world from design to operations & support.

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

**Software Product Engineering**

We help our clients accelerate the development of disruptive software products and services.

- Complex Industry specific software
- Best in class embedded and companion
- Best in class SaaS & platform development

**Software Product Support & Transformation**

We combine our design-led engineering expertise, software frameworks to modernize core products.

- Intelligent automation
- IP partnerships
- Industrialized models
Industrialization and Scale

- Access to a large pool of experienced engineers
- Strong intimacy with client organizations in their different locations
- Cost advantage combined with industry expertise

OUR ENGINEERING CENTERS

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

Global Engineering Center or Technology Engineering Center
Exploring the future of industries

Our Six Research and Innovation programs are business accelerators that help clients prove out the value of incremental and disruptive technologies

**Future of mobility**
Accelerate the future of flight, multimodal transport, shared mobility and last mile logistics by realizing the vision of safer, collaborative and autonomous vehicles

**Future of networks & compute**
Eliminate the constraints on compute, network and storage for the next generation of immersive experiences

**Future of healthcare**
Develop platforms for pharmacogenomics, digital therapeutics and predictive medicine that revolutionize the way we cure & treat disease

**Future of industry**
Explore the benefits of sensing, connectivity and decision making on the edge to boost productivity across every industry

**Future of engineering**
Disrupt the way we innovate on products and protect the planet by taking into account everything-as-a-service & systems of systems

**Applied AI**
Apply data science and machine learning technologies to scale industry-specific problems in precision medicine, autonomous systems, aerospace simulations and industrial automation
Why Capgemini?

01 Deep industry expertise

02 Strategic transformation partner with end-to-end offerings to pioneer Intelligent Industry

03 Unmatched portfolio in Digital & Software

04 Performance and cost efficiency through Industrialization and Rightshore®
About Capgemini

Capgemini is a global leader in consulting, digital transformation, technology and engineering services. The Group is at the forefront of innovation to address the entire breadth of clients’ opportunities in the evolving world of cloud, digital and platforms. Building on its strong 50-year+ heritage and deep industry-specific expertise, Capgemini enables organizations to realize their business ambitions through an array of services from strategy to operations. Capgemini is driven by the conviction that the business value of technology comes from and through people. Today, it is a multicultural company of 270,000 team members in almost 50 countries. With Altran, the Group reported 2019 combined revenues of €17 billion.

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