

# Catalonia Connects to ICT

## Catalonia's Tech Scene: Barcelona your ICT Hub

### Connect to Your **Markets & Customers**

With around **12,800 ICT companies**, a turnover of **€14.0 billion** and **84,600 highly skilled workers**, top ICT companies are already successfully located in Barcelona. In terms of number of companies, the sector has been **constantly growing** since 2008. During the period 2010-2016, the ICT Industry inward FDI into Catalonia accounted for 16% of the total projects, 10% of the total jobs created and 3% of the total capital investment made into Catalonia

Barcelona is one of Europe's most dynamic startup ecosystems, especially in the field of new technologies. With over 1,100 startups Barcelona is the **5th Startup Region** in Europe according to Compass and ACCIÓ, behind London, Berlin, Paris and Amsterdam. The CITIE 2015 report lists Barcelona as the **4th Best city** favouring digital entrepreneurship.

Furthermore, the Catalan capital ranks extremely well in terms of cost of living & best location for office space costs.

### Connect to **Talent** in ICT

Catalonia has generated a large pool of highly **skilled workers**. There is an **outstanding academic system** with many internationally renowned universities such as the UPC-BarcelonaTec, which is a leading university in ICT fields, ESADE Business School and the Pompeu Fabra University.

### Connect to the Right **Technology**

With the **Eurecat Technology Centre**, the Barcelona Supercomputing Centre, i2CAT Foundation, the Institute of Photonic Sciences, the Computer Vision Centre, and the Artificial Intelligence Research Institute, among others, Catalonia fosters research and technology transfer in ICT.

### **Barcelona, Mobile World Capital** Firmly on the Global Mobile Map

From 2012 to 2023 Barcelona is the **Mobile World Capital**. This means that not only the international flagship mobile event is being held yearly here, the **GSMA Mobile World Congress**, but a whole range of activities and programmes all year around create a dynamic professional ecosystem for the mobile technologies.

This initiative has transformed **Barcelona** into the permanent global centre for mobile technologies, it has involved the development of an ICT business environment and has made Barcelona a global benchmark for mobile transformation.

There are 900 companies dedicated to the mobile sector in Catalonia. Catalonia received **39.1% of the FDI into Spanish mobile sector** (44% of jobs created) during the 2010-2016 period. In this period, Catalonia was the 4th Continental Western European region in terms of job creation in the ICT sector, and the 2nd Southern European region in terms of number of projects and job creation in the ICT sector.



## ICT Companies in Barcelona - Catalonia

### Software vendors

Hitachi, SAP, Bcm Software, SAS, Broadcom, Microsoft, Ubisoft, Activision King, Scytl, Unisys, General Electric, Oracle, Circutor, Getronics, EMC2, Southwing, Toro, Veeva, Erni, Zeptolab, TravelClick, Cronos, NTT data, Akamon, GFT

### Hardware vendors

Xerox, Fujitsu, Fractus, HP, Sony, Bull, Intel, IBM, Nec, Epson, D-link, Lenovo

### Telecom equipment vendor

Huawei, Siemens, Ericsson, Cisco

### E-commerce

TravelClick, Skyscanner, LetsBonus, Groupalia, Zipcar, Symantec, Criteo, Bose, Ulabox, Wallapop, Vente-privee, HM, Amazon, Booking, Edreams, Norwegian, Eltenedor, Evaneos, Trovit, Locasun, Venca, Budgetplaces, Uvinum, Offerbox, Ofertix, Grupo Intercom

### Services providers

Vodafone, Colt, BT, Sitmobile, Telefónica, Cellnex, Zurich, Boehringer Ingelheim

### ICT Services and Consulting Companies

BearingPoint, Capgemini, Deloitte, Altran, PWC, Neoris, Ernst&Young, Everis, Accenture, Atos Origin, Sopra, STD, NetCentric, NSC Global, Nestlé, Alphanumeric, Alef&Maqroll, Cognizan, Cronos Security, Zurich, NTT Data

### Join all these companies and connect your ICT project to Catalonia

- Strategic Location
- Access to Global Markets
- Dynamic and Innovative Ecosystem
- Pool of Local and International Talent
- Office Space at Competitive Costs
- Mobile World Capital
- Leading Scientific Facilities
- Top R&D Hub
- Creative and Dynamic Startup Ecosystem
- Business Mindset

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## Business Opportunities for the ICT industry



### Industry 4.0

Industry 4.0 in Catalonia is strong due to its industrial legacy and expertise in the ICT sector



### The Internet of Things

Catalonia, the most trusted IoT HUB in Europe



### Big Data

Catalonia is leading big data in Europe above UK and Germany



### 3d Printing

Catalonia, the 3D Printing world HQ



### Cybersecurity

The government of Catalonia is heavily investing in Cybersecurity



### Connected vehicle and Autonomous Driving

Catalonia is the most prepared environment in Europe for Self-Driving Cars



### Videogames

Catalonia has a robust and exceptionally creative environment for the gaming sector



### Drones

Catalonia offers the best testing environment for civilian drones



### E-commerce

Barcelona, the launching pad for ecommerce in the Mediterranean and Europe.



### Smart Cities

Catalonia blends its strengths in the ICT sector and R+D initiatives to produce a world class smart city



### Mobile Technologies

Barcelona, the Mobile World Capital, offers a diverse ICT and mobile market mixed with cutting edge R+D



### Artificial Intelligence

A growing and strategic sector offering a wide range of applications for Catalan Industry