

# Rennes Atalante, a science park that provides services and back-up for technology businesses

Rennes Atalante, the science park set up in 1984 by the District Council (Rennes Métropole), aims to contribute to economic development through technological innovation.

To achieve its objective, an association was set up and sites developed to cater for innovative companies - four in the Rennes area and one in Saint-Malo - close to university campuses.

The Rennes Atalante Association brings together all those involved in innovation: high-tech companies, higher education establishments, research institutes, sources of innovation funding, technology transfer agencies and local and regional authorities.



*You have a project?  
Contact us!*

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**Science Park of Rennes - Saint-Malo**  
Member of International Association of Science Parks



Conception graphique : comes design / Landeau  
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## >> The Rennes Atalante Association

will help you to become part of the park's networks of companies and players in the research sector (invitations to conferences, contacts with partners, listing in the park's directory and website...).



Premises, land and business incubators are available for technology companies.

## >> Its main objectives

Welcome technology companies and introduce them to the Science & Technology Park network



Numerous meetings are organised to establish contacts between people in the park network.

Develop synergy between Education, Research, Industry and the Financial sector



Projects leaders are assisted each step of the way when setting up businesses.

Promote the Science Park and its stakeholders in France and abroad



The Science & technology park and its companies join Brittany in displaying expertise and skills in international exhibitions.

Provide support for the founders and managers of technology companies

# The information and communication technologies cluster

Image & networks

Wireless technologies

Telecommunication services

Digital television

Software technologies

Information system security

New uses of the web

R&D centre, start-ups, service companies

*Make sure you're where the futur lies*



# A dynamic based on innovation

With a view to diversifying the Breton economy and ensuring that France no longer lagged behind in the field of telephony, the Ministry of Post & Telecommunications created the **Telecommunications cluster** in Brittany in the early 1960's and, at the same time, **decentralised the Cnet** (*Centre national d'études des télécommunications*, National telecommunications research centre), relocating it in Lannion.

Following in its wake came **France's leading industrial telecom companies** which set up production units in the Trégor area near Lannion, as well as in Rennes and in Brest.

At the same time, **engineering colleges** and **research laboratories** were opened.

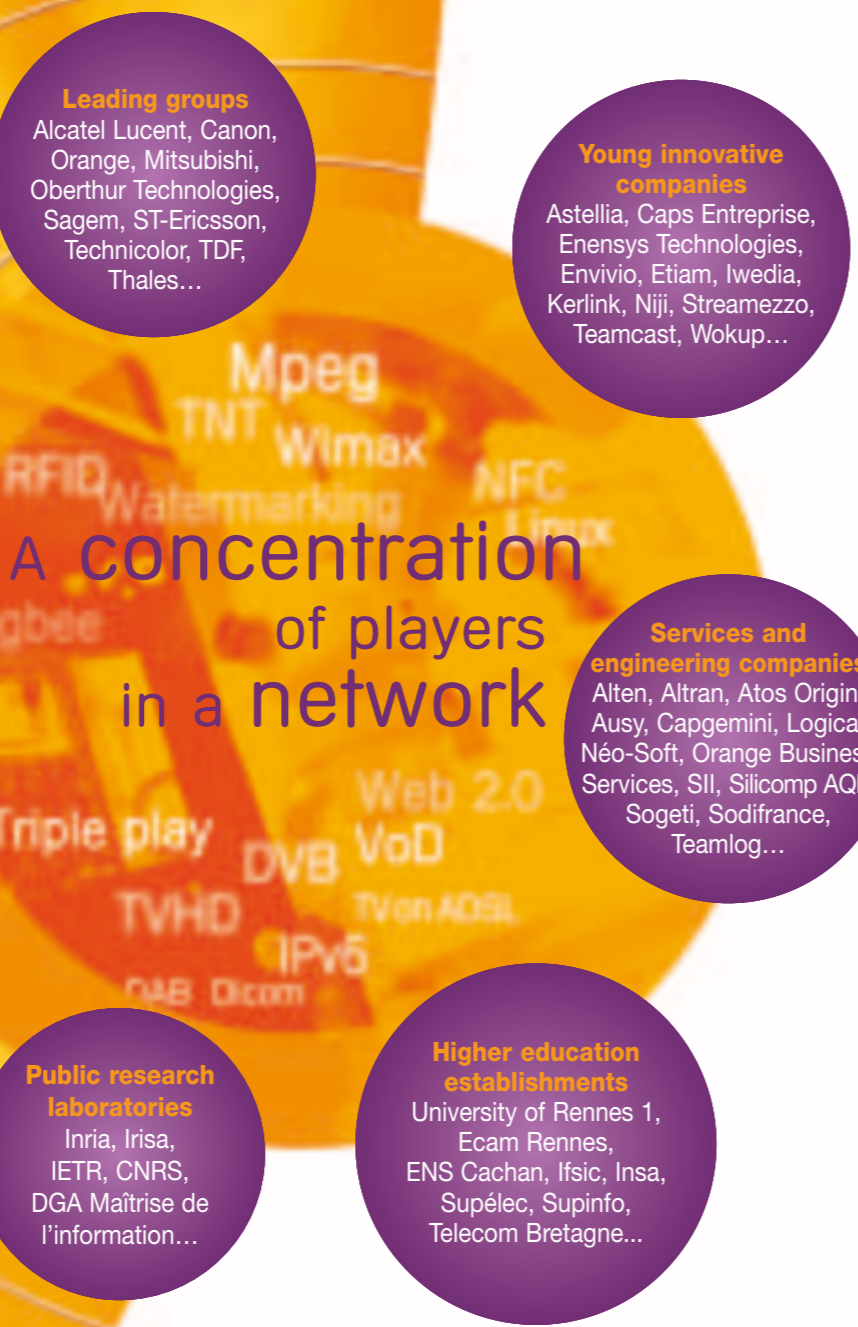
This was the fertile infrastructure that gave rise to Rennes Atalante in 1984. The science & technology park quickly enjoyed major growth and, from 1991 onwards, a number of **foreign research centres** were opened within the park, attracting in their wake a large number of **computer services and engineering companies** which opened premises here or were set up specifically to offer services.

Furthermore, Rennes Atalante gathers also **many local start-ups**, some of them spinoffs from major companies or from the public research sector, others the creation of some inventive entrepreneurs.

Since July 2005, the **Media & Networks competitiveness cluster** has been contributing to the development of **cooperative projects** between the research sector, SMEs and major corporations to design products and services adapted to new networks and the new uses of imaging.



Located in the heart of Rennes Atalante Beaulieu, the Espace Ferré is a transmissions museum showing the changes in civilian and military information and communication technologies from Antiquity to the present day.



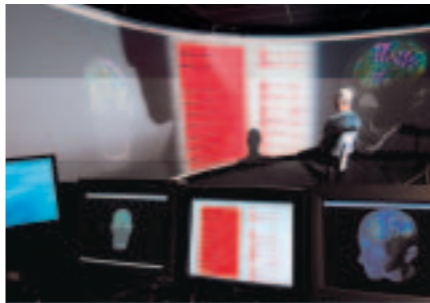
## New ICT uses are boosting the Rennes Atalante science & technology park

Companies in Rennes Atalante and its internationally famous laboratories are working on the latest **digital technologies**, the new standards for innovation in the **transmission, broadcasting and reception of audiovisual contents and multimedia**, and on the **new uses** linked to the Internet. They are creating **new B2B services** and developing innovative applications for the health, transport, housing and environment sectors etc.

This pool of innovative entrepreneurs is turned Rennes into a **laboratory city for new uses of ICT**, and an **experimental area** for avant-garde products and services.



The University and engineering colleges train the ICT specialists of the future in Rennes.



Teams at Inria Rennes - Bretagne Atlantique test Man-Machine Interface softwares.



Researchers at IETR work in sterile rooms developing new electronic systems.

Numerous research teams from Irisa and Inria Rennes - Bretagne Atlantique are common to both establishments. Together, they account for almost **600 people** in Rennes, divided into some thirty research teams.

As a CNRS-associate laboratory, **IETR** (*Institut d'électronique et de télécommunications de Rennes*, Electronics and telecommunications institute) federates teams from the **University of Rennes 1, Insa and Supélec**. Its **280 researchers and Ph.D students** are involved mainly in the **design of new communication systems, antennae, microelectronics, radar propagation systems and the issues of embedded images and remote sensing**.

## A few references

- **Media & Networks cluster**, officially recognised by the government as a world-class competitiveness cluster
- **Brittany**: 36,000 ICT jobs in 550 technology companies, 4 200 researchers in ICT companies and laboratories
- **Rennes Atalante Science & Technology Park**: 10,000 ICT jobs in 170 companies, 35 public research laboratories specialising in ICT
- **Rennes**: a university town with 58,500 students, 5,200 of them studying ICT and 745 ICT graduates (5 years' higher education minimum) every year

# Strong potential for recruitment

Four universities and numerous engineering colleges have been set up in Brittany. Of the 106,000 students in Brittany as a whole, Rennes has **58,500** of which almost **5,200** are studying **electronics and ICT**. In fact, every year in Brittany, more than **1,500 students graduate** in these subjects. In Rennes, the **745 electronics and ICT gra-**

**duates** (5 years' higher education minimum) form a pool of engineers, researchers and Ph.D students available for employment by the region's companies and laboratories. This concentration of highly-educated and highly-trained people entering the job market provides an answer to the recruitment needs of players in the ICT sector in Rennes.

## Inria, Irisa and IETR, leading players in research

Rennes Atalante boasts three major public research units.

**Inria Rennes - Bretagne Atlantique** concentrates its research on **large-scale distributed systems and the Internet of the future, reliable, efficient software and imaging** and its applications. These areas are associated with significant work in transfer and innovation.

**Irisa** (*Institut de recherche en informatique et systèmes aléatoires*) has a staff drawn from University of Rennes 1, CNRS, Insa de Rennes and ENS Cachan - Brittany campus. The work ranges from research into applications for **networks and distributed systems, software and hardware, digital signals and imaging and data, knowledge and interaction**.

## They testify



"Our research centre in Rennes, the group's largest with 500 staff, has the advantage of a high-level technological environment. Our research teams are working mainly on 3D contents and technologies, and on the testing of immersion in an image for communication industries, the media and the entertainment sector."

Gary Donnan, vice-president, Technicolor research



"Our company finds countless opportunities for cooperative research projects with other stakeholders in the Imaging & Networks cluster, leading to the development of our applications. The quality of the lifestyle in Rennes is also an advantage for all the staff at Artefacto."

Valérie Cottereau, CEO of Artefacto (3D applications and virtual simulation)



"The strong recruitment potential here enables the entities within the Capgemini Group (850 staff) in Rennes to develop their business with their clients on the local, national and international markets."

Cyril Arson, director of Capgemini Telecom Media Défense



"Our company, which is resolutely focused on the international market (70% of turnover through exports) has found, in Rennes, industrial companies and research centres with which it has been possible to establish sustainable partnerships."

Jean-Luc Pavy, founder and managing director of Teamcast (products and services for radio and television broadcasting)

