



# cefriel

**ICT Center of Excellence For Research, Innovation, Education, and life-long Learning**

**Politecnico di Milano**

**<http://www.cefriel.it>**

HomeNet2Run



# Widespread ICT Competencies

- CEFRIEL is a center of excellence for Research and Education in Information Technology disciplines, founded by a partnership between Politecnico di Milano, and ICT Industries. CEFRIEL has a long time qualified expertise in many ICT fields
  - Networking technologies
  - Software Engineering
  - Web technologies and middleware
  - Information Security
  - Digital Signal Processing
  - Electronic systems design
- More than 60 software and hardware prototypes in the innovation and research area per year



# Education Activities

- **Post Graduate Education**
  - Second level University Master in Information Technology
  - Second level University Master in Telemedicine e Telehealth
- **Improvement courses for enterprise executives**
  - Advanced Courses on: Information Security Management, Wireless Access Networks, Web Services
- **Continuous Education**
- **Approximately 120 Master Degree per year**
- **Approximately 5000 education hours per year**



# Cefriel Laboratory Structure

## Technology & Management LABs

Specialized Laboratories

Advanced Prototyping

Technology improvement and  
development

High level of transversality

Economical analysis of technologies

Technical due diligence

E-Business LAB

E-Government LAB

ICT for Medicine LAB

Nomadic & Mobile Business LAB

Security LAB

Software Engineering LAB

Multimedia & Multimodal LAB

Operating Systems LAB

Wired & Wireless Networks LAB

Microelectronics &  
Radio Frequency Systems LAB

Training LAB

Data Center

Factory

Connectivity Center



cefriel



# Cefriel History

Late 90's up to now

Early 90's

Early 80's

1988

Focus

Business Impact

→ CEFRIEL was born from a joint agreement between scientific partners (Politecnico di Milano and Università degli Studi di Milano), local and central government (Regione Lombardia) and ICTI firms

→ Short and medium term education projects  
→ European funds for research activities

## Education

→ Information and Communication Technology Training  
→ Technology and management Training  
→ Project Management and Organization Management for complex projects education

→ Direct business through MPI funds, European funds and industrial organizations exploiting education services

## Research

→ Research and practical results integration  
→ Project teams technology transfer to education, public administration and enterprises  
→ Competence driven approach of the organization and wide ICT coverage

→ Visibility improvement in project consortia  
→ Continuous and sustainable revenue stream

## Services for Enterprises

→ Technology & Management Lab customer support for specialized research and innovation  
→ Research competencies integration within enterprises projects  
→ Customized education paths for know how transfer  
→ Analysis, design, implementation of complex projects and projects control

→ Lab services  
→ Innovation and Management projects  
→ Customer value improvement



# Cefriel Partners



UNIVERSITA' DEGLI STUDI DI MILANO

Regione Lombardia



Mobile

