

# Electropole Inauguration

**Merlin Gerin**  
**Square D**  
**Telemecanique**



Thursday, October 12, 2006 - Grenoble

**Schneider**  
 **Electric**  
*Building a New Electric World*



**Growth Strategy**

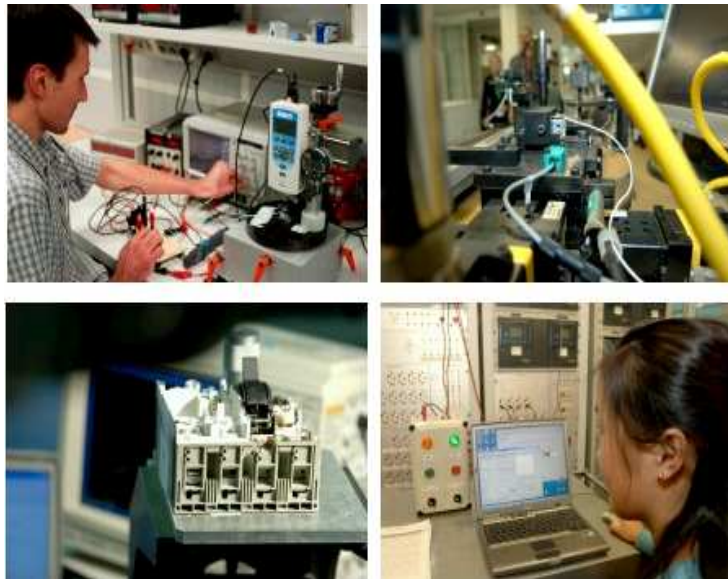
**Innovation and R&D**

**Electropole**



## Our biggest center for designing and developing PPC products

- **Unites** under one roof all the skills required for product **innovation** and **development**
- From **marketing** research and **engineering** to **prototypes**, **testing** and manufacturing



□ ~1,100 highly qualified employees

□ 10,000 sq. m of development benches and test platforms (breaking, climatic chambers, endurance, etc.)



# Power Protection & Control line-up

## Low Voltage Modular DIN System



*DIN line-up < 125 A  
Plug-in line-up*



## Low Voltage Products



*Masterpact, Compact NS,  
Micrologic metering and control*

## Medium Voltage Products



*Circuit breakers, switches,  
contactors, fuses*



*Modular cubicles, indoor/outdoor  
RMU, HV/MV transformers*

## Protection Control & Monitoring

*Transparent Ready*



*Power  
management*

## Power Control & Protection



*Contactors, motor starters,  
motor controllers*

## Equipment & Systems



*Busways, equipment, Ensyst*



## An optimized multi-skills center for enhanced efficiency and customer service

- Make **product development** and **adaptation more efficient**
- Generate **technical synergies** between product departments
- Optimize **collaboration** between **teams**
- Meet with **customers** to understand their **needs**
- **Showcase** our existing **line-ups** and our development **know-how**





# A communications-friendly architecture

- An innovative architectural **design** intended to foster **communication**

- Open-space offices, transparent materials



- A great place to **meet customers**

- Direct discussion between customers and our teams
- New behaviors, active communication, experience sharing





# A showcase for Schneider Electric solutions

- **Electrical distribution (MV/LV)**
  
- **Building management services**, integrating all products from recent acquisitions into a consistent whole
  - **Supervision:** TAC (Satchwell)
  - **Heating and air conditioning:**
    - AC drives with motor speed control (Altivar)
    - Comprehensive management using a TAC system (detectors, controllers, wall-mounted drive modules, etc.)
  - **Lighting:** managed by Lexel controllers
  - **Access control:** TAC (Andover Control)



## Grenoble, a strategic location



- A major **employment pool** for **Schneider Electric**
  - Most PPC skills found in the region
  - Technopole, Schneider Electric's fundamental research center
  
- A major **European research cluster**
  - 15,000 researchers
  - Excellent universities in the region
  - The Isère department leads France in terms of electronics, electricity and instrumentation-related patents
  
- **Minatec**, international micro- and nanotechnology innovation center



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