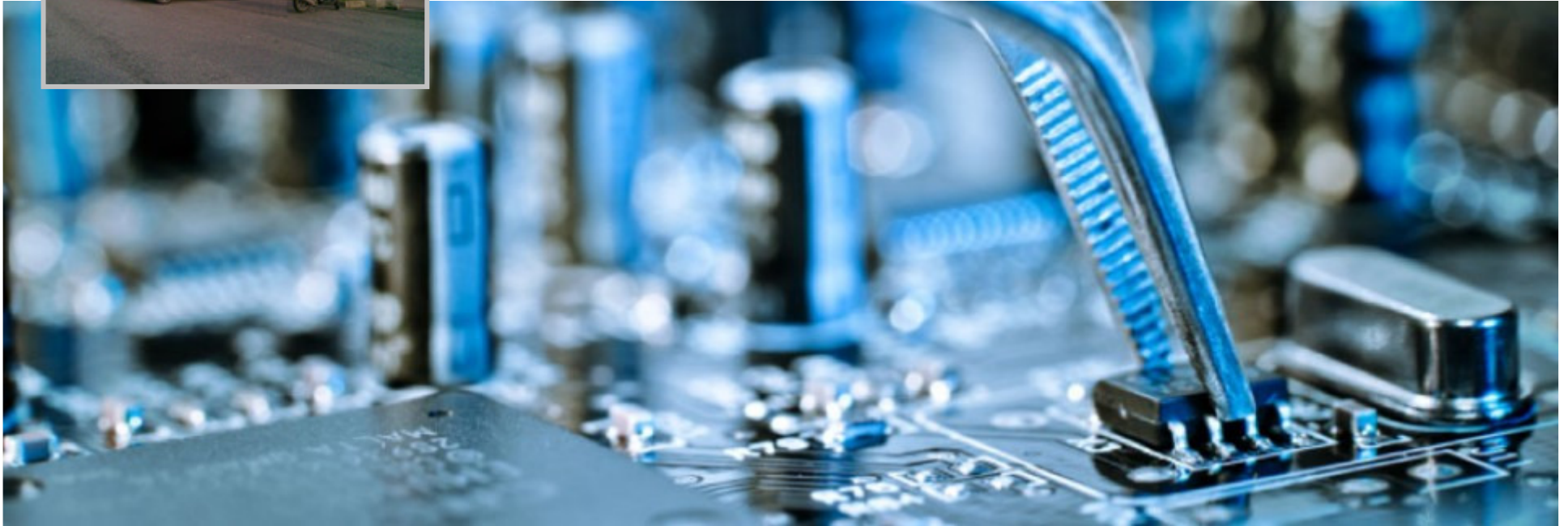# Microsis

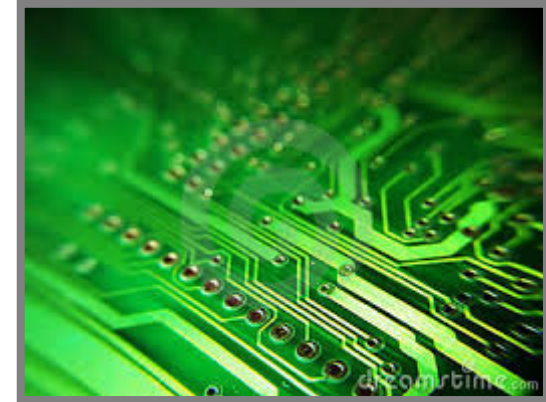**Company profile**

Microsis srl - ITALY

Fields

- Industrial
- Military
- Avio & Space

Products

- Space and Military transmitters design and manufacturing
- Signal processing and monitoring & Control systems design and manufacturing
- Automatic Test Equipment design and manufacturing
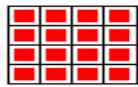
Who we are

- **Active since 1990**

- **ISO 9000 certification for the design, manufacture, marketing and data management. ISO27001 for Information Security Management**

- **In house capabilities to design hardware and software / firmware**

- **experience in international projects**

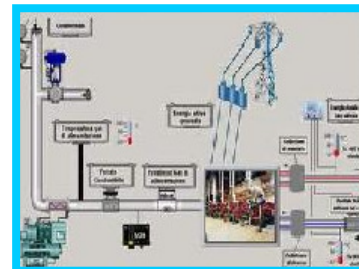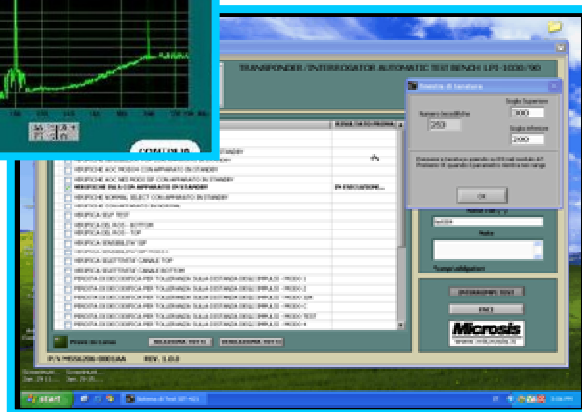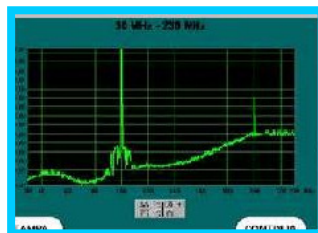# SKILLS on…

TEST AUTOMATION

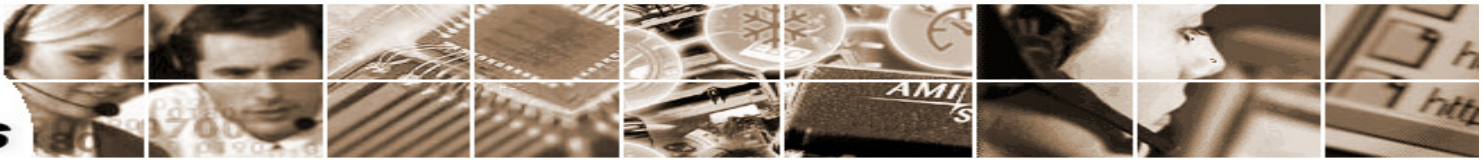**AUTOMATIC TEST BENCHES EQUIPMENT (ATE)**
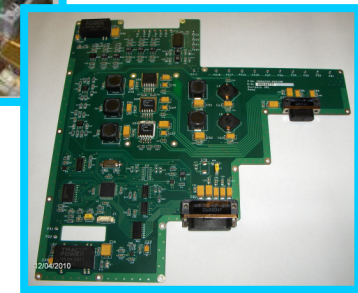
SOFTWARE AND HARDWARE DEVELOPMENT
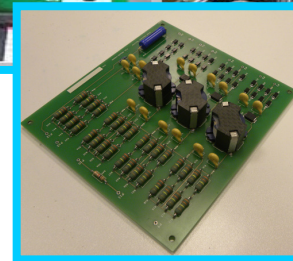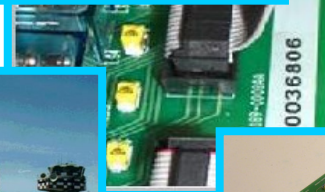
TEST FOR HELICOPTERS radar altimeter,

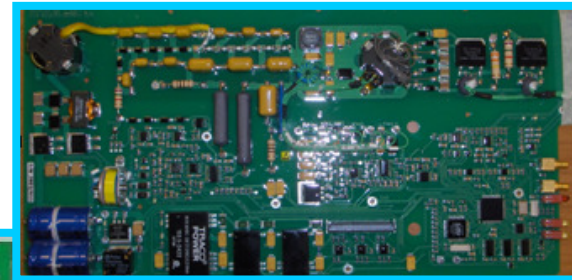**TEST FOR ANTENNA MEASURING**

TEST FOR AVIONIC TRANSPONDER

SKILLS on…

HARDWARE DEVELOPMENT

Developing and hardware manufacturing

PCB SMD on FR4, POLIAMMIDE, KAPTON

POWER SUPPLY, MONITORING & CONTROL, SIGNAL PROCESSING

RADAR (TRANSMITTERS POWERING) , AVIONIC (COUNTERMEASURES)

SPACE (M&C) ABD POWERING

SKILLS on…

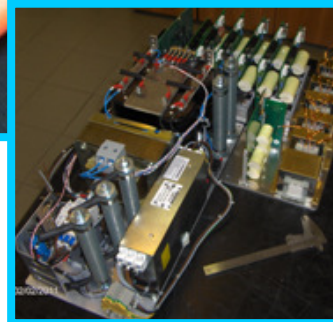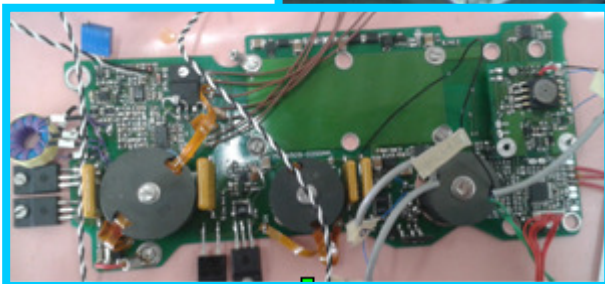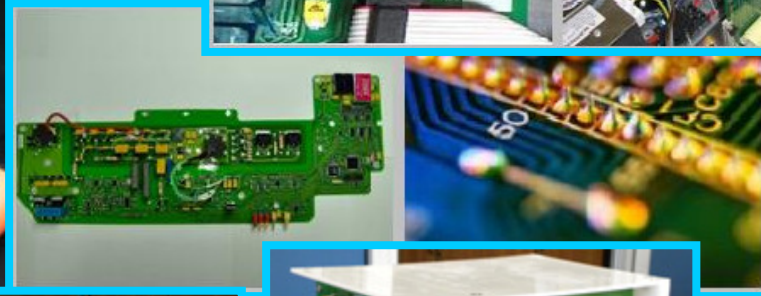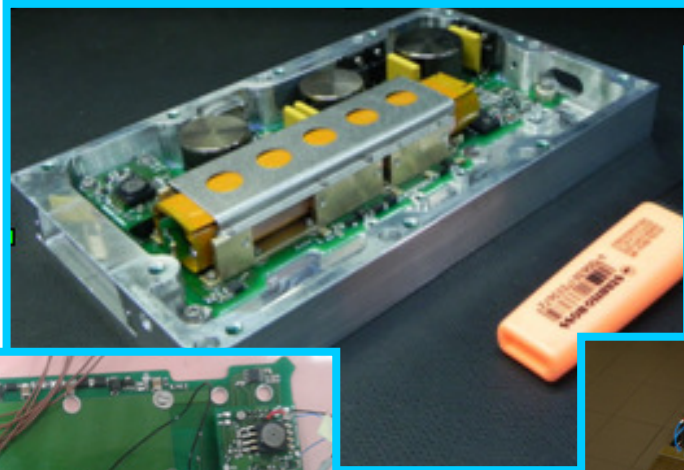## AMPLIFIERS POWER SUPPLY EQUIPMENTS

Development and hardware manufacturing

MPM FOR MINI AND MIDI TWT POWER SUPPLY

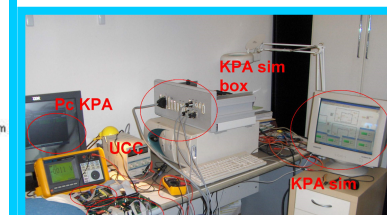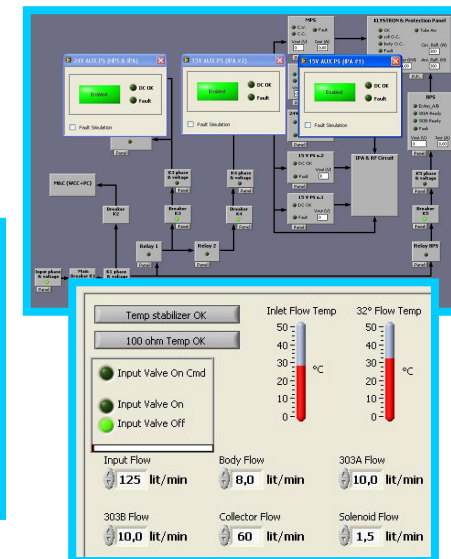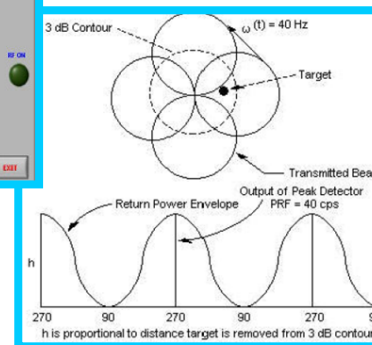**HPA KLYSTRON BASED TRANSMITTER POWER SUPPLY**
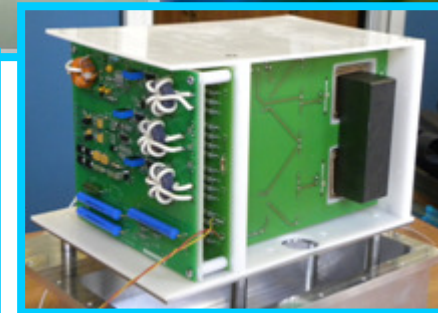
SKILLS on…

SIMULATORS

SIMULATOR DEVELOPMENT

SOFTWARE DEVELOPMENT WITH APPROPRIATE TOOLS AND LANGUAGES

PREDICTION, SIMULATION HARDWARE FOR M&C
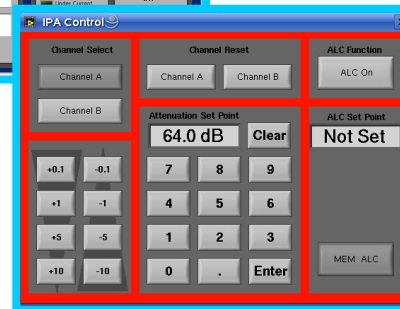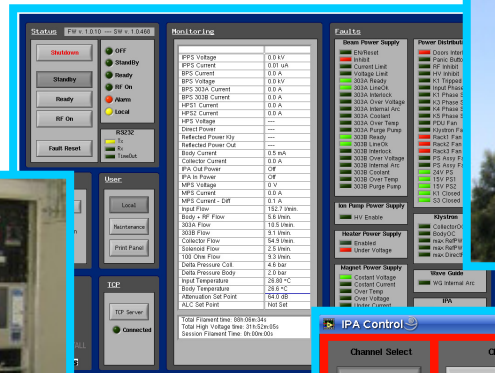
SKILLS on…

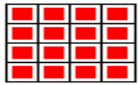## GROUND STATION TRANSMITTERS

DEEP SPACE NETWORK

KLYSTRON APMLIFIER

M&C FOR 20kW GROUND STATION (ESOC) TRANSMITTER INSTALLED

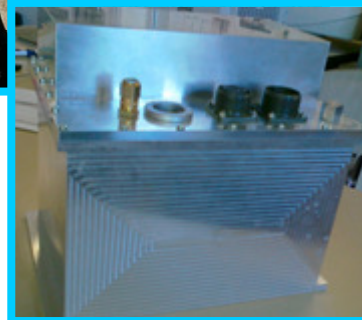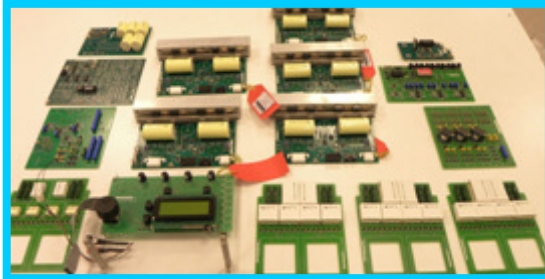**IN SPAIN, ARGENTINA AND REFERENCE SYSTEM IN ITALY**
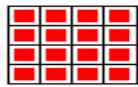
SKILLS on...

Ka band TRANSMITTER

KPA Ka band transmitter

KLYSTRON APMLIFIER

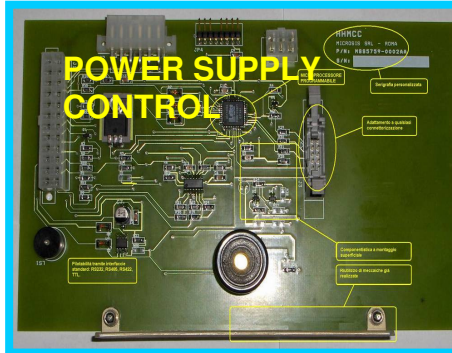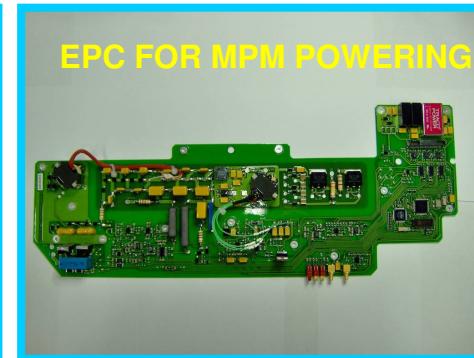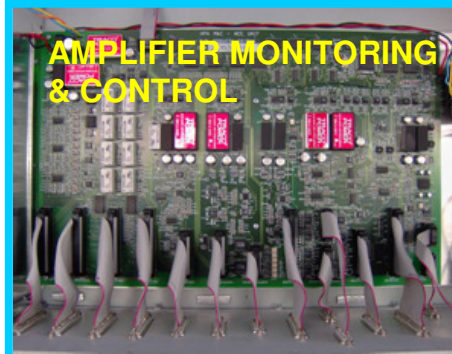**800W TRANSMITTER FOR ASI (Italian Space Agency)**

GROUND STATION, ACTUALLY INSTALLED IN ARGENTINA

EXAMPLES MICROSIS PRODUCTIONS

SIGNALS SIMULATOR

AMPLIFIER MONITORING & CONTROL

EPC FOR MPM POWERING

MULTI PROTOCOL SIGNAL MANAGEMENT

POWER SUPPLY CONTROL

POWER DISTRIBUTION UNIT

RF POWER AMPLIFIER

KPA/HPA TRANSMITTERS

ICT: Information & Communication Technology

SKILLS on…

Automotive & fleet magagement
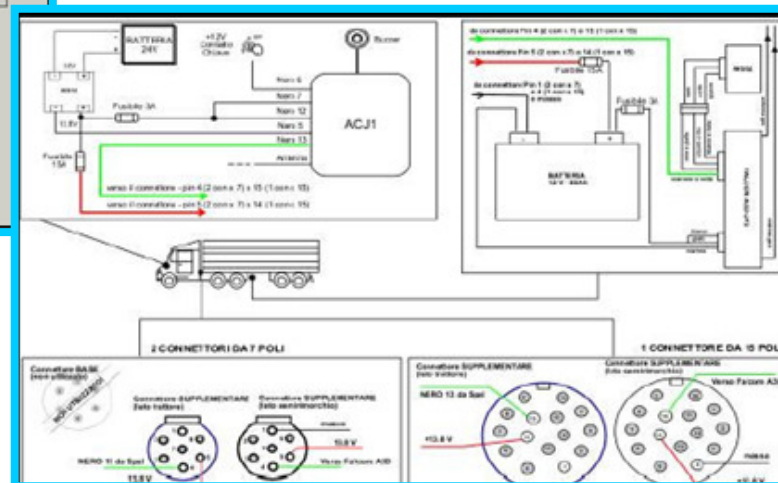
SKILLS on…

Logistics and team tracking

SKILLS on…

Plant telemonitoring
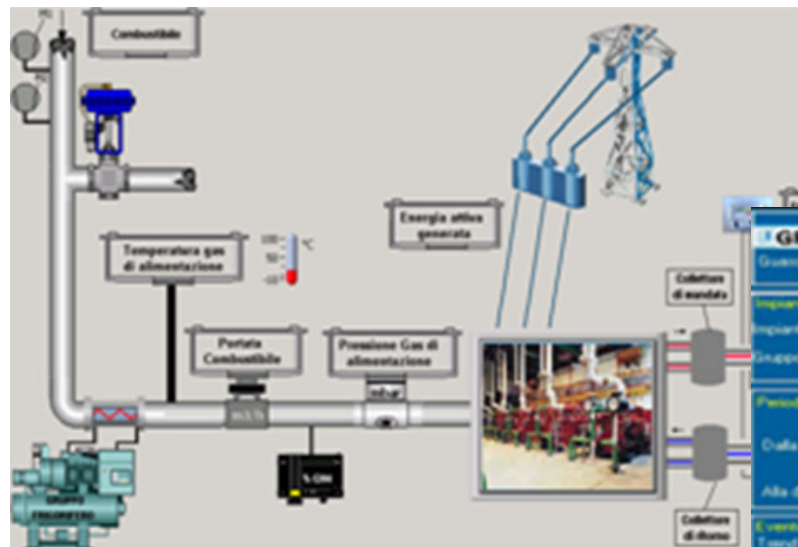
SKILLS on…

Laser communication
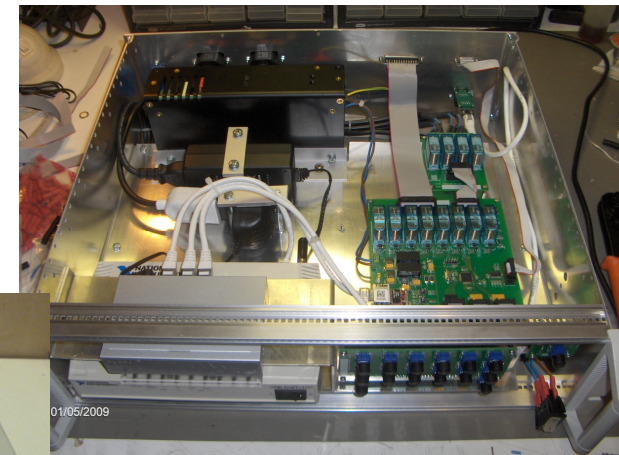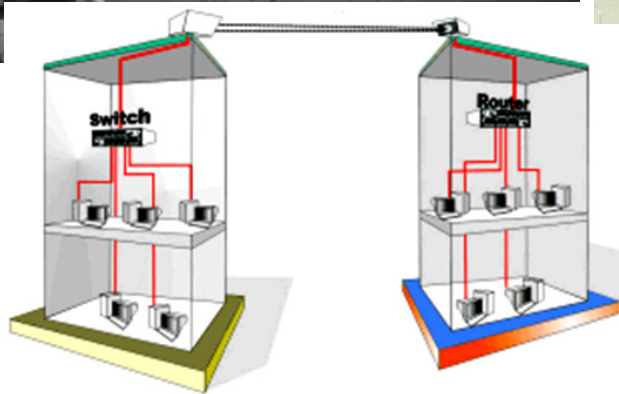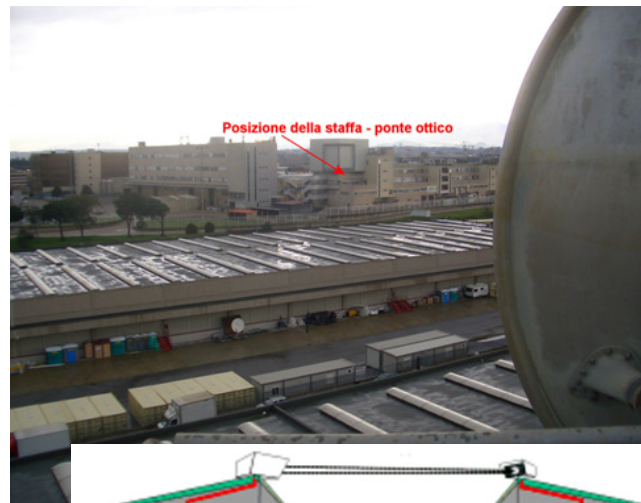
SKILLS on…

Operation centre Automation

SKILLS on…

Healthcare application
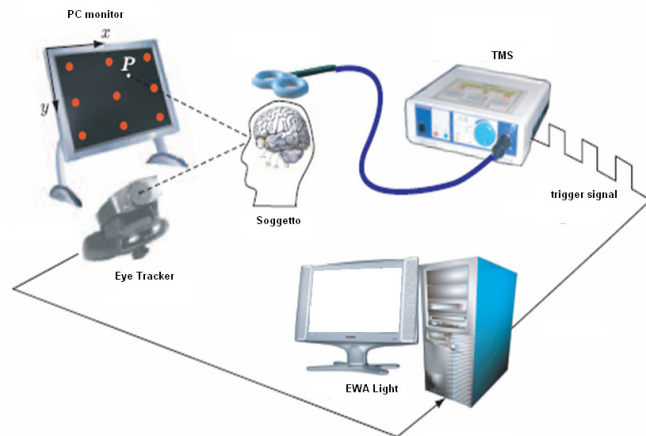
SPECTRALINK – TILT TEST

Progetto:	Acquisizione ed elaborazione dei dati dell'esame denominato "tilt test"
Cliente:	POLICLINICO UMBERTO I - ROMA
Tecnologia:	Software sviluppato in Labview ed interfacciamento con ECG/Pressossato, fascia Spirometro attraverso schede di acquisizione ADC
Funzioni:	Ricerca patologie tramite l'elaborazione di template noti in letteratura scientifica in ambito geriatrico
Ambito:	Ricerca scientifica in ambito medico
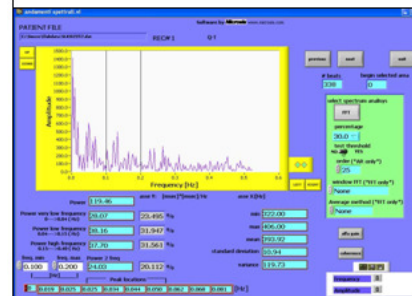
Interfaccia di post processing	Tilt test

SKILLS on…

Workflow applications

QUALITY ASSURANCE

Configuration control and obsolescence management

```
Quality Plan
    │
    ▼
Documents list                                          Archiving system
from product WBS                                              ▲
    │                                                         │
    ▼                                                         │
Project              Project              Production and      Finalization of the
development and      development and      Internal tests      documentation
drafting of the  →   preparation of   →   Factory         →
preliminary          construction         Acceptance Test
documentation        documentation        Test with the
Preliminary Design   Critical Design      customer
Review               Review
```
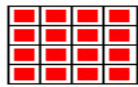
MAIN PRACTICES

Traceability of work	Archiving	Managing serial number and part number
Through specific procedures workgroup we can track all actions that are carried out on the project, with a stream web / e-mail that also involves the customer	Through a system of information retrieval entire project documentation is properly managed and versta, as they managed the review of the various documents in order to always have updated the control configuration of the product / system	A specific procedure of ticket management and P / N and S / N allows you to draw at any time the story took place on a single S / N.

CERTIFICATION

- **ISO 9000 Certified Company HW / SW Manufacture and sale systems HW / SW Data Management**
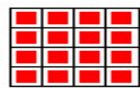
- **ISO 27001 – Information Security Management**

- **Specific authorization for NATO classified progets**

- **Specialist ACCORDING TO STANDARD IPC-A-610**

MAIN CUSTOMERS

Contacts

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00060 – Formello (RM) - ITALY

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Info@microsis.it