

Company Presentation



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Researcher
Software Engineer



Presentation Outline

- ① Company ID
- ① History
- ① Organization
- ① Personnel - Facilities
- ① Capabilities in Electronics
- ① Manufacturing for CERN
- ① Capabilities in R&D
- ① Company Developed Technology & Products

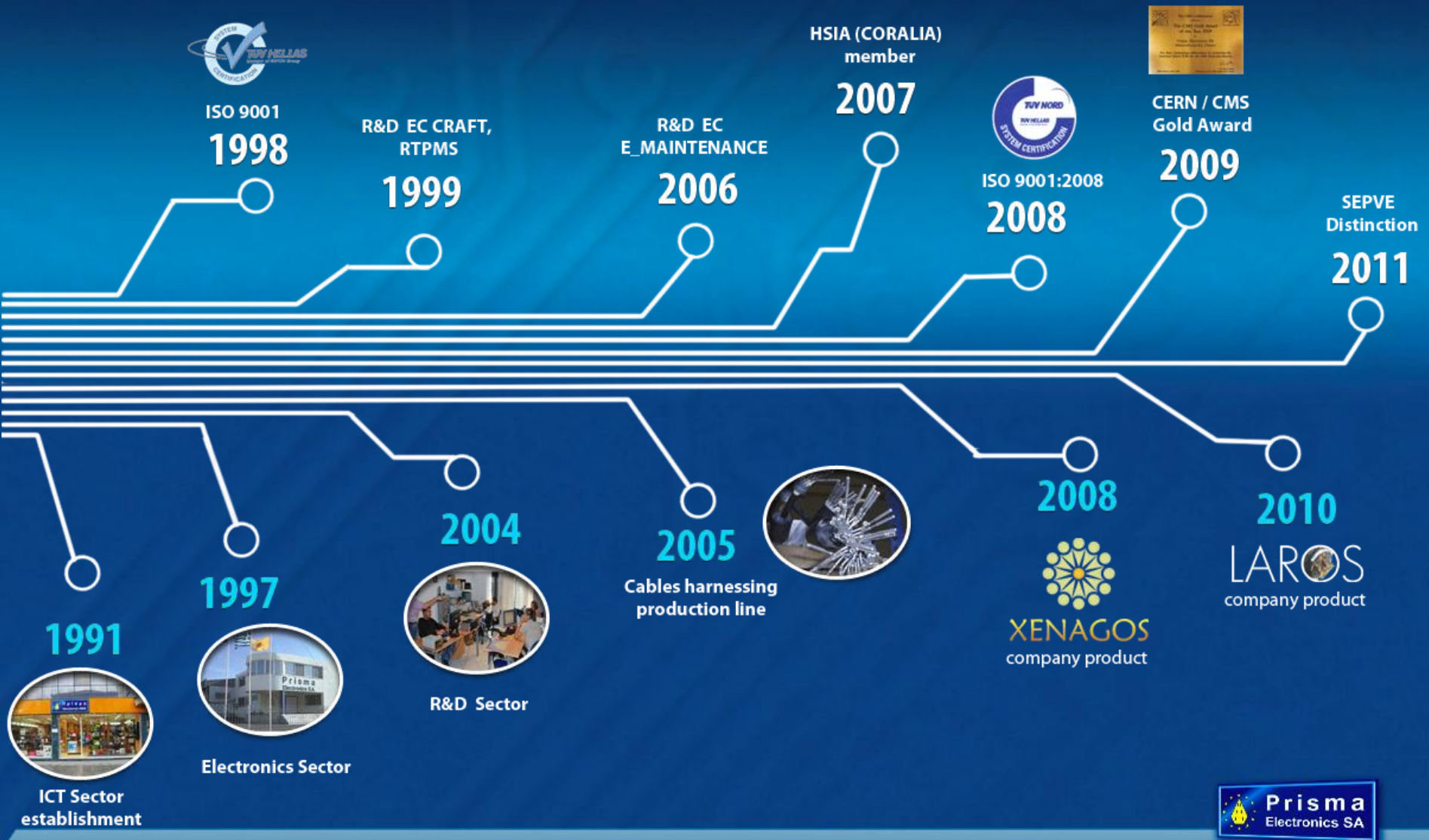
Company ID

Prisma Electronics SA

Established	: 1991
Location	: Alexandroupolis, NE Greece
Personnel	: 42
Activities	: Electronics – ICT – R&D
Turnover (2012)	: 3.2 MEuro
Q. System	: ISO 9001:2008



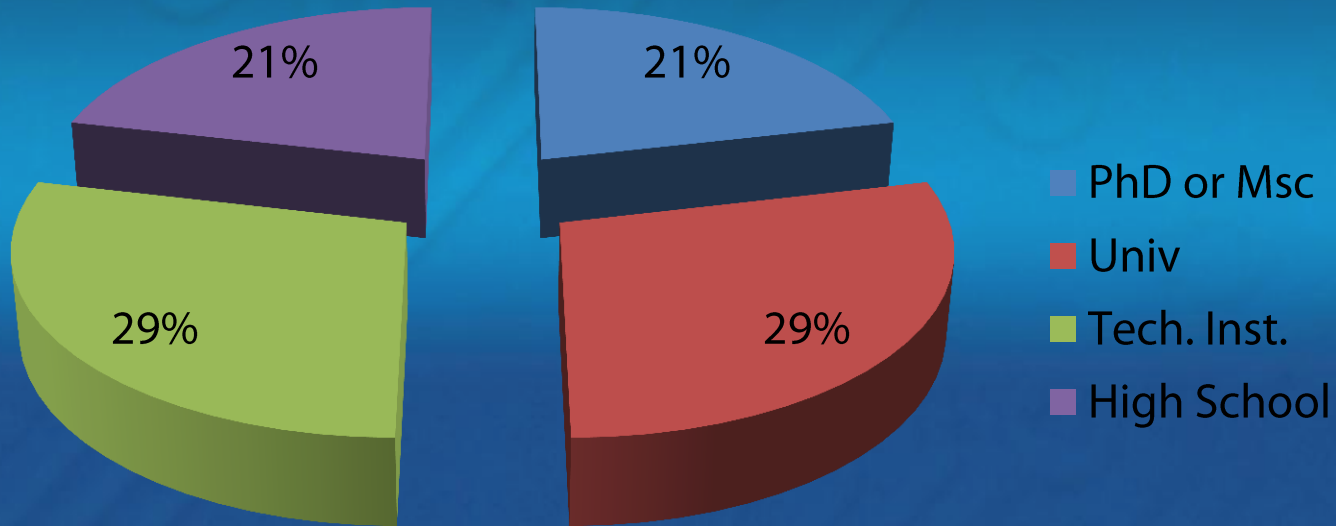
History



Organization



Personnel



42, Highly qualified and continuously trained professionals

Facilities

Sales & Support
Komotini

Industrial Unit
Industrial Area of
Alexandroupolis

GREECE

Head Quarters
Alexandroupolis

R & D
Athens

USA

Sales Office
New York, USA



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Capabilities in Electronics

Production Services

- Assembly of Electronic Boards
- Cables assembly
- Devices integration
- Functional testing



Specialized Services

- Burn in test
- Isolation & Continuity test
- Drying, cleaning & Coating
- Repair & rework



Manufacturing for CERN



CMS Experiment



Silicon Sensor with 32 stripes

DCU25F ASIC

Hybrid Front End (HFE)

PACE3 ASIC

Wire bonds between sensor and HFE

Kapton cable

Connector

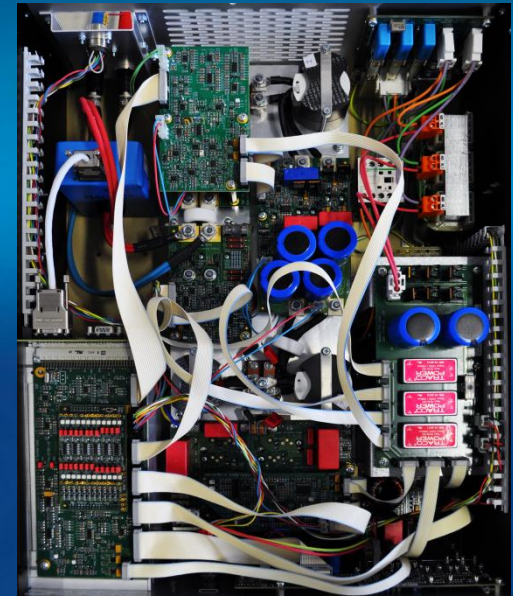
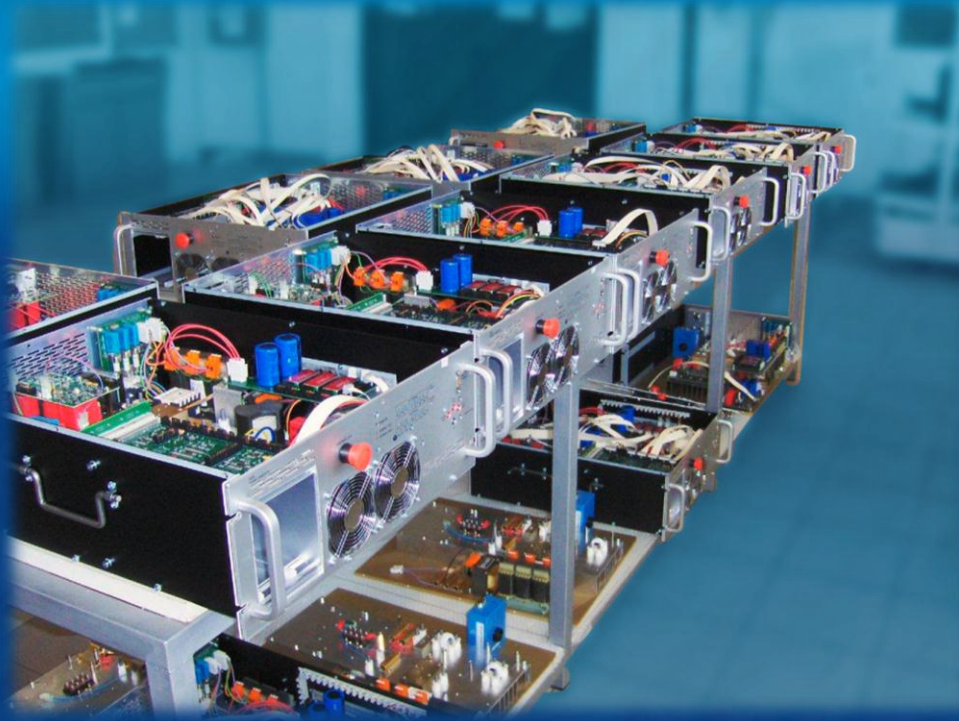
< 0.02% Defect Rate in 5.500 boards production



Manufacturing for CERN



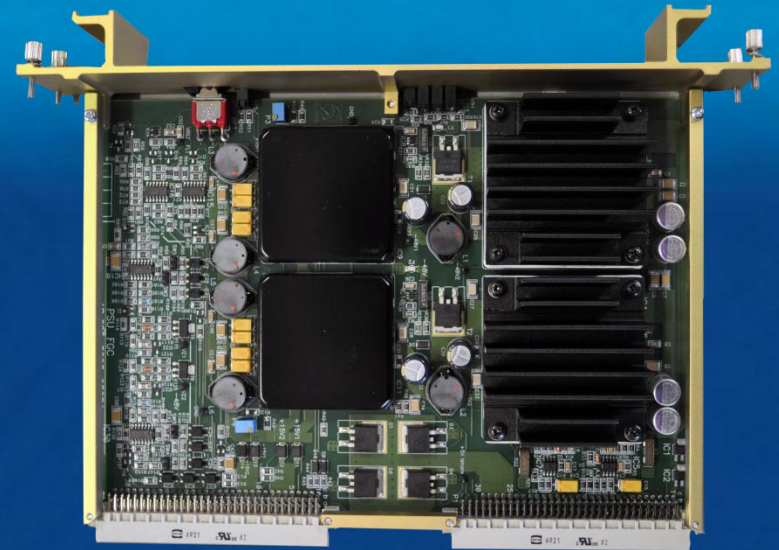
ACAPULCO, Power Converters



Manufacturing for CERN



FGC, Function Generator Controller



Manufacturing for CERN



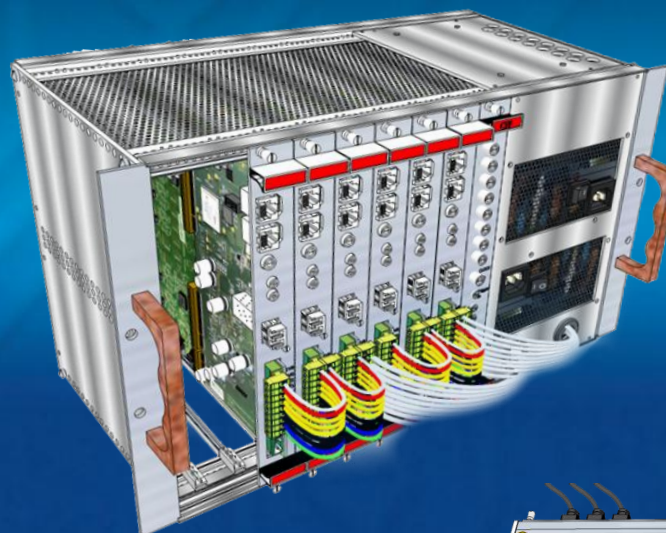
SRS, Scalable Readout System



ADC

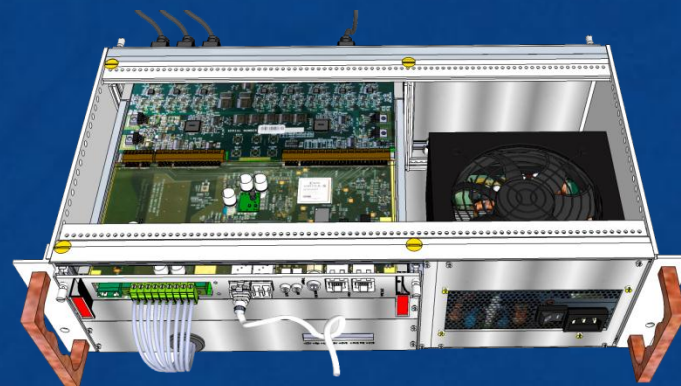


FEC



Eurocrate

Minicrate



Design & Manufacturing for CERN



ATLAS EXPERIMENT WPSS, Wireless Personal Supervising System

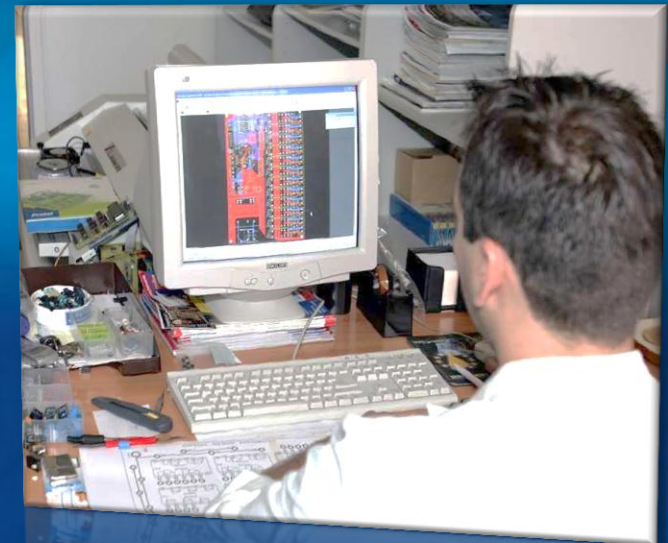


- Wireless portable unit that integrates environmental sensors, HD camera & audio



Capabilities In R&D

- Design of electronic circuits,
- Design and development of electronic devices,
- Design and development of microwave devices,
- Software development,
- Prototyping,
- Support Customers to obtain CE.



..... through heavy involvement in National & European R&D Programs

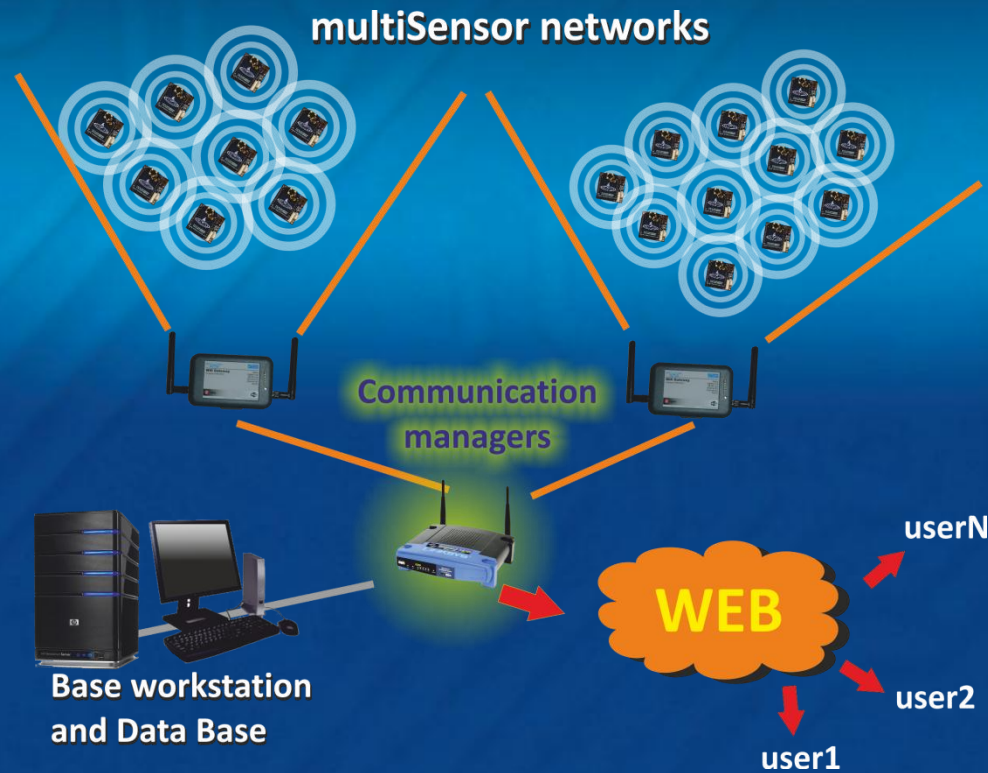


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Company Developed Technology & Products

PRISMA SENSE: Wireless Networks of Smart Sensors

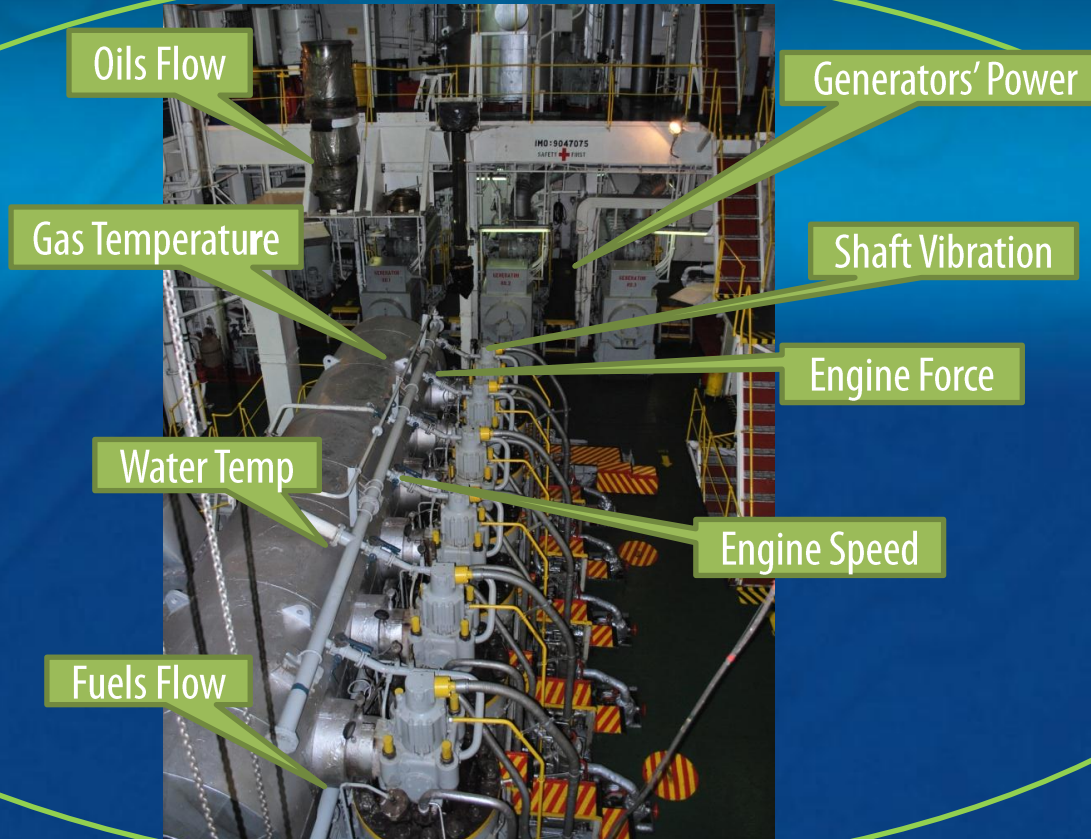


Intelligent Sensing



Company Developed Technology & Products

LAROS



Company Presentation



Panagiotis Kalaitzidis
Production Manager
Electrical Engineer

Konstantina Mermikli
Researcher
Software Engineer

Andreas Sakellariou
Researcher
Hardware Engineer

