

enabling your ideas.

Optical, Power and Thermal Management Technologies

Company presentation

we are Europe's leading solution provider for more than 35 years



**Our commitment:**  
**Identifying the best solution for your project and enabling you to become your customers' first choice!**

AMS Technologies is a leading solution provider and distributor of high-tech, leading-edge, systems and equipment, with components more than 35 years of experience and serving more than 2000 European customers.





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# AMS Technologies

access to leading technologies in...



**Power Technologies**



**Optical Technologies**



**Thermal Management**



## Accelerating OEM designs

- Consulting
- Designing
- Prototyping
- Validating/Testing
- Turnkeying

## Servicing the research & scientific community

- Demonstrating
- Installing
- Training
- Servicing
- Repairing

we have come a long way

**>80 employees**  
**€ 30+ million turnover**  
**7 offices**

- 2017 Acquisition of Elforlight Ltd.
- 2015 Design Center in Poland
- 2012 Office Sweden
- 2001 Office Spain & 2003 Office Italy
- 2000 inheco Spin-Off
- 1998 Office France
- 1994 ADVA Spin-Off
- 1991 Office UK
- 1982 AMS Electronic



# our fields of activity

- Renewable Energies
- Healthcare and Medical
- Industrial Applications
- Scientific and Research
- Defense and Aerospace



from technology components  
to turnkey solutions

**We want to accelerate your success, which is why AMS Technologies has invested in a design center in Krakow, Poland.**

Our goal is to augment your team's key competencies by providing engineering services that are not core to you or where you may struggle with available resources to finish your projects.

From Design Services to Prototype Development to complete Turn Key Solutions, our collaborative approach has already helped many customer projects to move from concept to production.



# optical technologies components

- **Light Sources**
- **Detectors**
- **Optics**
- **Fibers**
- **Spectroscopy Components**

Numerous vendors offer single components, but very few offer complex solutions based on their technical and market know-how and consisting of sub-components and devices from different manufacturers.

AMS Technologies excels by providing solutions that match products from different sources as well as supporting the design of products tailored specifically to customer requirements.



# optical technologies instrumentation

- **Fiber Optic Production**
- **Fiber Optic Test & Measurement**
- **Fiber Optic Service & Maintenance**

AMS Technologies offers a broad range of tools and test equipment for fiber optic applications.

AMS Technologies not only supplies capital equipment, but is also geared up to provide thorough training as well as technical service support from the outset and throughout the lifetime of the equipment.



# optical technologies laser systems

- Gas Lasers
- Pulsed high-energy lasers
- Nd:YAG and Dye lasers
- Titanium-Sapphire Lasers
- DPSS Lasers
- Ultra Fast Pulsed Lasers
- CO2 lasers, Diode Lasers,
- Fiber Lasers

AMS Technologies has a long history of supplying lasers for Scientific Research. These types of lasers are being used for numerous of different applications in Physics, Chemistry, Biology, Medicine etc. We can offer lasers operating in cw and all the way down to fsec pulsed operation.



# power technologies

- **Capacitors**
- **Relays**
- **High Power Resistors**
- **Power Semiconductors**
- **Power Supplies**

The business area Power Technologies encompasses a plethora of components and systems for high voltage, high frequency and low voltage, as well as various power supplies and drivers. For some time now, we have been providing solutions for a multitude of applications in different market sectors.



# thermal management

- **Air Cooling**
- **Liquid Cooling**
- **Thermoelectric Technologies**
- **Vapor compression cooling**
- **Thermal Design Services**

AMS Technologies Thermal Management team focuses on three main areas: cooling of power electronics, cooling of optoelectronics and cooling and temperature stabilization of reagents, liquids, solids or gases. Exceptional know-how and leading edge products from our principals are put to work for our customers.



# we are unique

our solution approach



AMS Technologies is the only provider of custom products and solutions with interdisciplinary competencies across Photonics, Thermal Management and Power Technologies. Our Mission is to facilitate innovative companies to convert these technologies into an asset for success.



# Our Partners

## ALTRONIC RESEARCH

Supplier : Altronics Research Inc

Product : RF Resistors & Dummy Loads

Applications : Radio Transmitters, Induction Heating

Customers : Hüttinger, T-Systems



# Our Partners



Supplier : Magnelab Inc

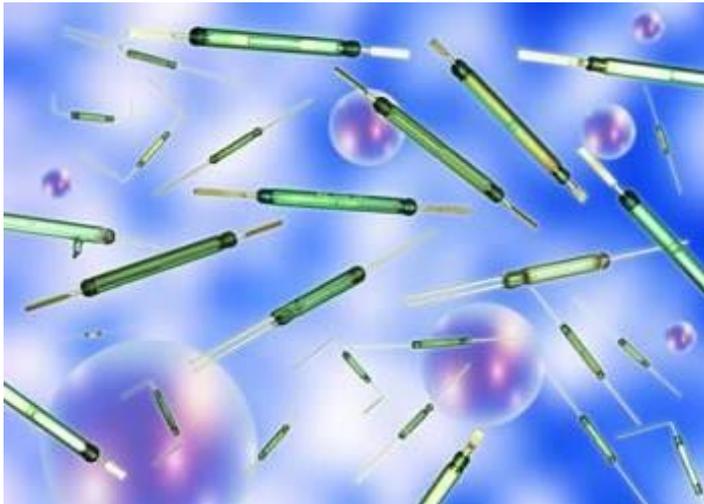
Product : Current Transformers

Applications: Particle Accelerators,  
Semiconductor Manufacturers

Customers : CERN, DESY, Infineon, ABB



# Our Partners



Supplier : Cynergy3 Components Ltd

Product : HV/RF Reed Relays, Floatswitches,  
Flow Sensor

Applications: Comms Systems, Chemical  
Equipment, Wash Maschine

Customers : Rohde & Schwarz, Hobart, Meiko



# Our Partners



Supplier : Glassman Europe

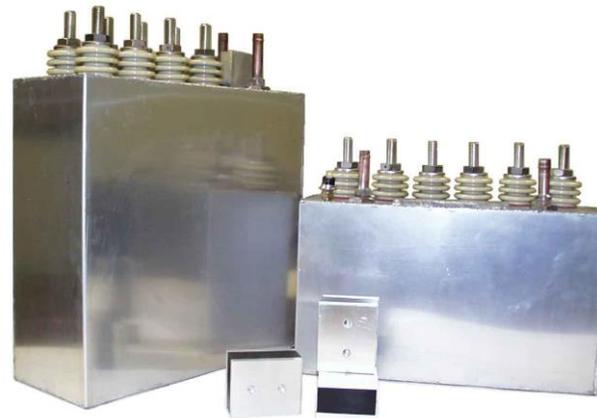
Product : HV Power Supplies upto 400kV

Applications : Electron Beam, HV Test, Unis & Research Facilities

Customers : JRW, Pro Beam, EADS



# Our Partners



Supplier : High Energy Corporation

Product : HF/HV Ceramic Capacitors, Power & Filter Capacitors

Applications : Comm Systems, Electron Microscope

Customers : Rohde & Schwarz, Traffitec, Spectro



# Our Partners



Supplier : NWL Corporation  
Product : HV Puls Discharge Capacitors and Chargers  
Applications : Medical, Industry, Military, Research  
Customers : MSC, Innomed, Von Ardenne, Rheinmetall, DESY



# Our Partners



Supplier : Jennings Technology Corp

Product :HV/HF Variable Capacitors, HV/HF Relays

Applications : Comm Systems, Induction Heating, Military, Medical

Customers : R&S, Hüttinger, EADS, Dornier, Siemens UB Med



# Our Partners



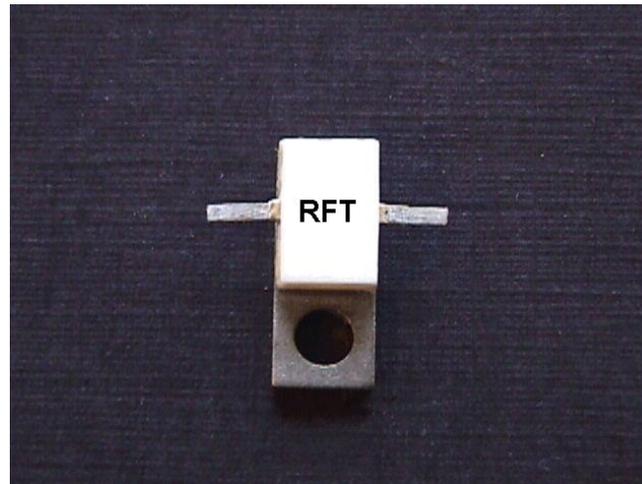
Supplier : LeClanche Capacitors  
Product : HV, Power, Precision Capacitors  
Applications : Power Systems, Current Interrupters, Power Supplies  
Customers : Theo Benning, Tectron



# Our Partners



Supplier : RF Techniques  
Product : HF brazed resistors  
Applications : Induction heating, Comms  
Systems  
Customers : Hüttinger, R&S



# Our Partners

Supplier : JSC Electrovispyramittel

Product : HV Diodes, Thyristors, Thyristor  
Stacks

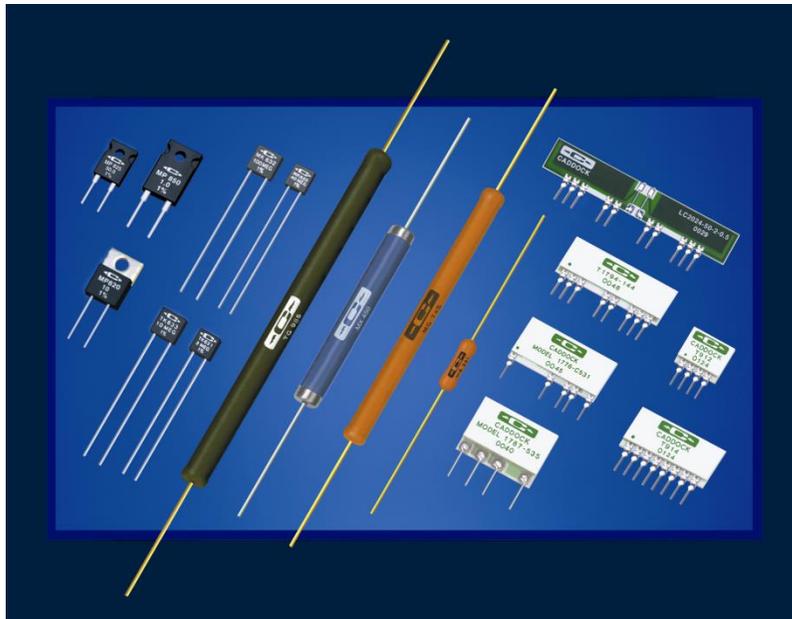
Applications : High Power Switching, Crowbar  
Circuits

Customers : Medical, Research, Industrial



# Our Partners

**CADDOCK**  
ELECTRONICS, INCORPORATED

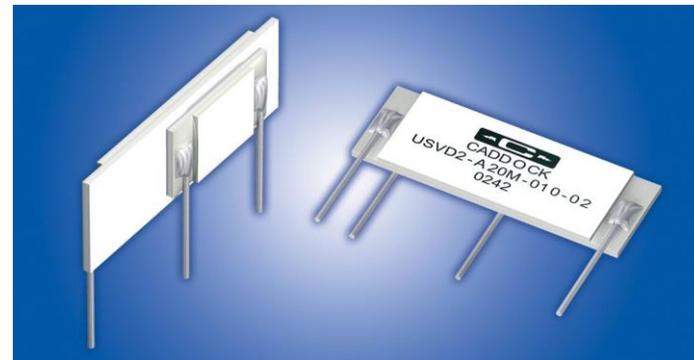


Supplier : Caddock

Product : High Performance Film Resistors

Applications : Mass Spectrometer, Drive-Control, Current-Measuring

Customers : Carl Zeiss, Siemens, Thermo-Electron,



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