DA-Group is a provider of advanced electronic solutions and products for technology industry, defence and aerospace applications. Our clients use high-performance products in demanding environments ranging from sea depths to space vacuum.

We are experts in embedded systems, electro mechanics and RF/microwave engineering. Our clients benefit from the complete range of services: from R&T, optimal solutions, product development and design, testing/validation, manufacturing to product life cycle management.

The proven DA Quality System fulfills the key standards:
- ISO 9001:2008 and AQAP 2110
- Facility Security Clearance (FSC) level EU SECRET
- National Security Auditing Criteria (KATAKRI II)
- Safety Integrity Level (SIL) and ATEX compliance
- ESA PSS/ECSS requirements

The trusted and experienced partner to increase technical performance and competitiveness. Contact us!
DAEMFS™ - SEA MINE FUZE

The DAEMFS™ is the most modern mine fuze system for moored and seabed mines. It has an intelligent, user-programmable system that helps users to develop parameters and algorithms for variable execution situations. DAEMFS™ is also perfect for modernizing out-of-date mines.

**MINE FUZE UNIT (MFU™)**

The MFU™ system generates an impulse to detonator for execution. The impulse is based on IMFE’s multiple sensor signals processed with algorithms and adjusted by parameters. Algorithms and parameters are developed using Algorithm and Parameter Development System (APDS). Algorithms and parameters can also be developed by user organization. The final target detection and functionality as well as deactivation method is set and selected by parameters.

The MFU™ has the following detecting sensors:
- Passive Acoustic
- Magnetic
- Pressure
- UEP (Optionally)

**PARAMETERIZATION DEVICE (PD™)**

The PD™ is a hand-held device for setting final parameters on site to select and adjust algorithms and functionality for a mission.

**DATA LOGGER (DL™)**

**FUZE RESEARCH SYSTEM (FRS™) AND FUZE TESTING SYSTEM (FTS™)**

The FRS™ and FTS™ are needed to test algorithms, parameters and functionality with vessels in field tests. The FRS™ consists of land unit (RTSL) and underwater unit (RTSU). RTSL is a computer-based unit having functionality to collect sensor data, load algorithms to RTSU, and check functionality of algorithms and RTSU. There is a wired communication link between RTSL and RTSU. RTSU is similar to MFU™ but equipped with wired communication link. Distance between RTSL and RTSU can be up to 1 km. Under Water Cable (UWC) is included.

**LIFE CYCLE SERVICES (LCS™)**

The DAEMFS™ is the complete system for customized mine applications, including intelligent components and devices.

**DAEMFS™ FIRING LOGIC PRINCIPLE**

**THE ELECTRONIC MINE FUZE SYSTEM INCLUDES THE FOLLOWING COMPONENTS:**

- Mine Fuze Unit
- Parameterization Device
- Data Logger
- Fuze Research System
- Fuze Testing System
- Life Cycle Services

DAEMFS™ is the complete system for customized mine applications, including intelligent components and devices.

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DAEMFS™

SEA MINE FUZE

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