

## Vaisala Services for Sounding Systems in Defense Applications



*Vaisala MARWIN® Sounding System MW32 (pictured left) and Vaisala Radiotheodolite RT20 (pictured right) are used to provide weather information in the most demanding conditions, where it is critical that the systems are well maintained at all times.*

*Vaisala offers a full spectrum of services that will maximize your investment's life-time value and secure the best possible data availability and accuracy. Vaisala's unique ability is to provide complete end-to-end service, including project management, training, installation, maintenance and full logistic support with mid-life upgrades.*

### Project Management

Vaisala's project management teams provide expert assistance in planning, site surveys, installation and testing. Our AQAP 2110-certified organization has accumulated experience in managing turnkey projects worldwide.

Vaisala will ensure that the customer requirements are fulfilled in the configuration of the system. The engineering phase also covers all necessary documentation and interfaces to other systems.

Once the system has been produced, the system's functionality and compatibility is tested following Vaisala quality procedures. When required, Vaisala arranges a factory acceptance test (FAT) together with the customer.

Testing performed at Vaisala factory is often complemented by a site acceptance test (SAT) where the systems and their functionality are also tested at customer site.

Vaisala experts are also prepared to provide support in preparing Integrated Logistic Support Plans (ILSP) to cover the entire life-cycle of the systems.

### Comprehensive Training Options

Vaisala offers a wide variety of training courses, which cover all aspects of systems, operations and maintenance. Choose training courses at a Vaisala facility, in the field or at your depot. Our highly experienced instructors first provide a solid grounding in theory, and then help course participants hone their skills by applying what they have learned.

## Recommended services for Vaisala MARWIN® Sounding System MW32

Project Services	Options	Support and Maintenance	Options
Installation	✓	Priority Technical Support	✓
Project Management	✓	Extended Warranty	✓
Engineering	✓	Software Upgrade	✓
Factory Acceptance Test (FAT)	✓	Preventive Maintenance (at depot)	✓
Site Acceptance Test (SAT)	✓	Preventive Maintenance (on site)	✓
Training	✓	On-site Repair	✓

### Support and Maintenance

Even the most reliable systems need scheduled support and maintenance. Our global presence ensures that you get assistance wherever – and whenever – you need it.

Modular Vaisala Service Contracts can be built to guarantee on-time availability of critical weather data at predictable costs. Priority technical support services will ensure that a support engineer is available to answer your questions according to the agreed response time.

To avoid the variation of annual spare part costs, Vaisala recommends the Extended Warranty Service for the whole system. This significantly improves the forecasting of the overall lifetime costs. Well planned maintenance services guarantee the availability of spare and replacement parts throughout your system's life-cycle.

Mid-life upgrades provide extended system service life and lower lifetime costs. Software upgrade service provides access to the latest software features and improvements to keep your system up-to-date at all times.

Vaisala helps customers to maintain personnel competencies, through further training, for the duration of the system's long lifetime.

When needed, Vaisala experts provide preventive maintenance either on site or at Vaisala depot. This includes the necessary mechanical maintenance, check-ups and system calibration. For damaged hardware, Vaisala offers on-site repairs to get the system run smoothly again.



# VAISALA

For more information, visit  
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