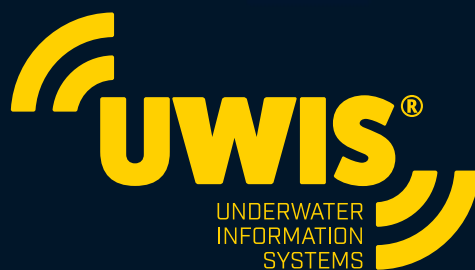




KNOW WHERE YOU DIVE



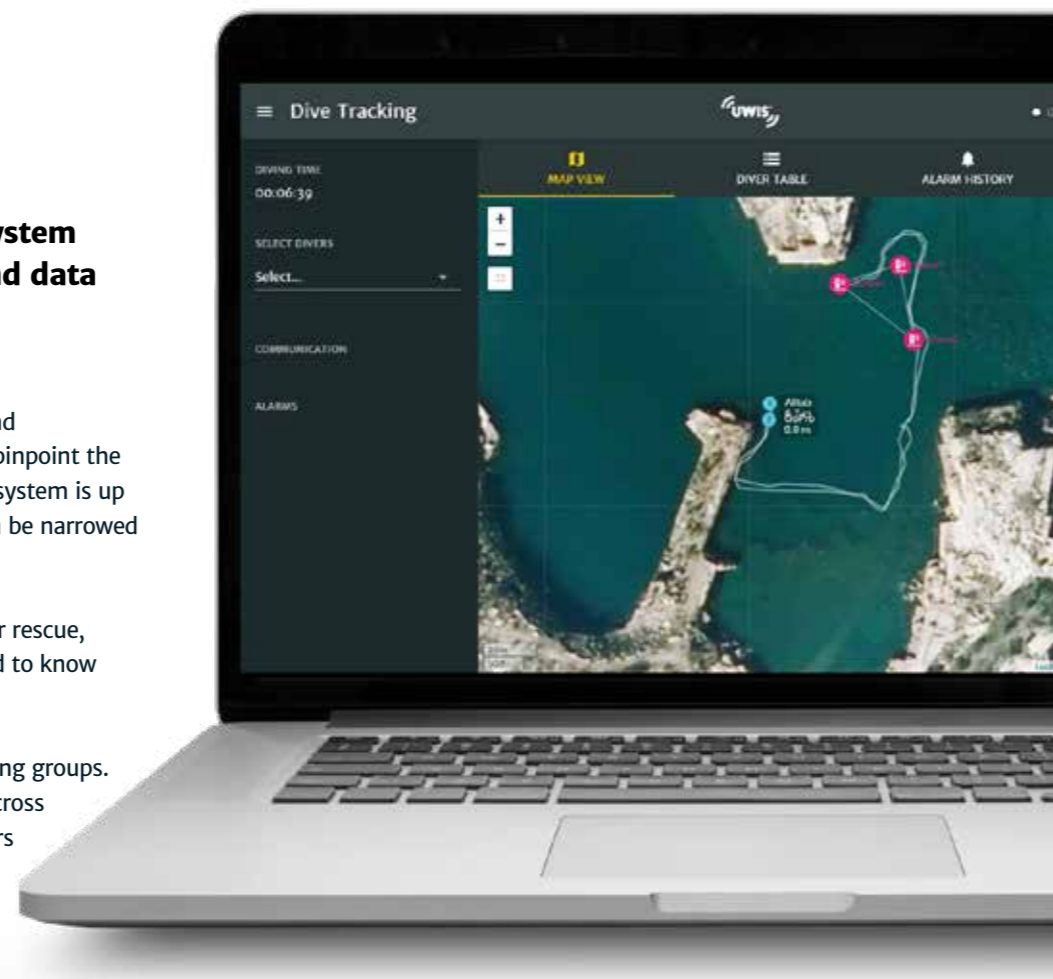
UNIQUE UNDERWATER LOCATION SYSTEM

UWIS is an underwater location system for navigation, communication and data collection.

The system utilises GPS location data, ultrasound communications and triangulation principle to pinpoint the divers' location and depth. The accuracy of the system is up to a metre and with special arrangements it can be narrowed down to tens of centimetres.

Rugged and reliable UWIS is especially suited for rescue, military and other professional divers, who need to know their exact position and route.

It also enables efficient and safe control for diving groups. A set of buoys covers an area of 1000 meters across and the software is able to track up to 100 divers simultaneously.



UWIS PRO CASE IS A READY-TO-GO SET FOR TRACKING YOUR DIVE GROUP

UWIS PRO Case is a ready-to-use set for professional divers. The military standard waterproof SKB hard case contains six diver units, chargers, three buoys and a rugged Panasonic Toughbook CF20A laptop (optional).

The PRO Case can be used out of the box with little installation needed. The UWIS Tracker software is preloaded on the laptop or can be downloaded from www.uwis.fi

Diver unit

The diver unit is attached on the air tank and connects to the dive computer or display wirelessly. The communication between a diver unit and the master buoy is carried out via ultrasound.

Connectivity: Bluetooth, Wi-Fi or inductive data transfer
Dimensions: 105 x 115 x 94 mm.

Buoys

The buoys are equipped with GPS sensors and connect via Wi-Fi. The diver locations are tracked with ultrasound using triangulation principle.

Height: 1,9 m applied, 1,0 m stored

Software

The browser based UWIS application is compatible with Windows operating system.

UWIS SYSTEM FUNCTIONALITIES

- Tracking, number of divers simultaneously: 100
- Pre-set waypoints or POIs: 100
- Dive data recording: Location in coordinates, time, depth, temperature etc.
- Location accuracy: Absolute: $\pm 2,5$ m, relative: $\pm 0,5$ m
- Depth accuracy: $\pm 0,1$ m
- Maximum depth: 150 m
- Diameter of monitored area: 1000 m
- Max distance of the computer from the master buoy: 200 m
- Battery life, minimum: 14 h (li-ion)
- Wireless firmware update
- Wireless charging 5/10 h
- 24/7 product support



Systematic, supervised and traceable underwater operations

UWIS lets you know exactly where you are and where you are going – and takes you there.

Divers using UWIS are at all times aware of their location and bearings despite of currents or poor visibility – critical in SAR missions when there is no time to lose.

The real time navigation allows divers to move quickly close to surface and descent only near the operation area. No need to follow the bottom.

The system can be used independently or with the help of distance line for guide or communications. For example in training the lines are useful for double-checking the divers' actions.

Real time reaction

The dive leader on the surface can react to changing situations by adjusting and adding waypoints in real time. The two-way communications link also enables messaging between divers and surface.

All the location data saved in the UWIS database can be also integrated to different applications such as videos, photos etc.

Location data helps to cover the search area efficiently as the divers can always carry on from the last point visited.

Analyse, learn, improve

The data collected by the UWIS system makes debriefing and mission analysis straightforward and easy, as all the divers' actions can be traced and analysed for further learning.

In addition to SAR missions UWIS is well suited for charting, cable laying and repairs and vessel inspections. It is also very good for under ice operations.



GET IT NOW FROM UWIS!

The UWIS PRO Case is available directly from the manufacturer. The price of the UwIS PRO case set is

17 900 €

VAT 0 %

SECURE YOUR FREEDOM

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