

## DMS – Dive Monitoring System software for fNET HDC

*NORSOK compliant Air Dive monitoring, alarm and logging add-on for fNET HD diver video systems*



### COMMERCIAL DIVE SYSTEM PRODUCTS

## Key Features and Benefits:

- **Enhancing Diver Safety** DMS add-on to Fathom fNET HD diver camera systems
- **NORSOK compliant DMS**
- **AIR DMS dive profile editor**
- **Loggs dive profile**
- **Dive alarms**
- **Dive timers**
- **Report Generator**
- **Personnel management database**
- **Black-Box recording of video & audio**
- **Display and alarms of connected gas analysers and pressure sensors**
- **Metric or Imperial units**



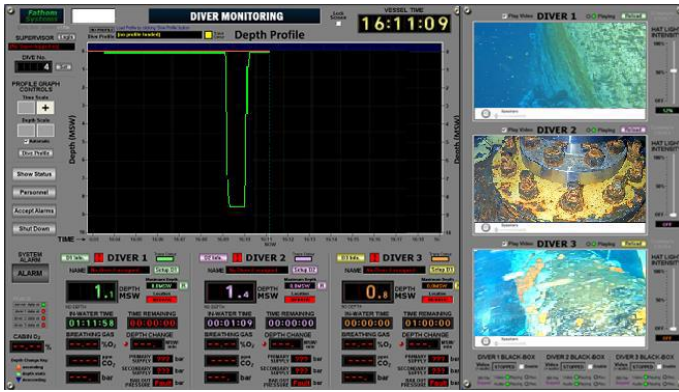
## Product Overview

The fNET HD Camera Control, Viewing and Recording Software has an additional software module available that provides an integrated diver monitoring system (DMS) which complies with NORSOK requirements to record and display the diver exposure data continuously for all divers.

Based on over 15 years of experience supplying industry leading DMS installations you can be assured that diver data is faithfully recorded to meet all regulatory standards and displayed live to allow supervisors to manage underwater and decompression operations safely.

By adding the DMS software module the system can display and record all dive parameters for each diver including gas analysis and supply pressures.

## DMS Software Features:



## AIR Dive Monitoring System (DMS)

- Personnel management
- AIR DMS profile editor
- Log dive profile
- DMS records all system parameters (sensor values, timers, status etc) once per second.
- Dive timers
- Dive alarms
- Black-Box recording

## Host DMS Sensors:

- Breathing Gas O2 & CO2 Analysers
- HP Gas pressure sensors
- LP Breathing Gas pressure
- Pneumo Depth
- Hot Water Temperature

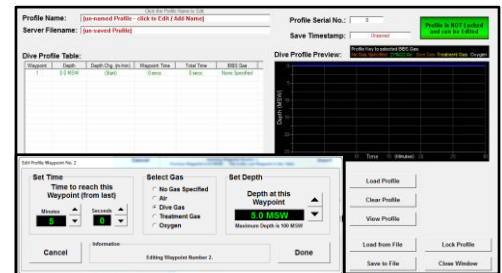


## In-Water Timer

- Supervisor adjustable
- Start – Stop
- Greater than alarm
- Shift time remaining pre-warning alarm

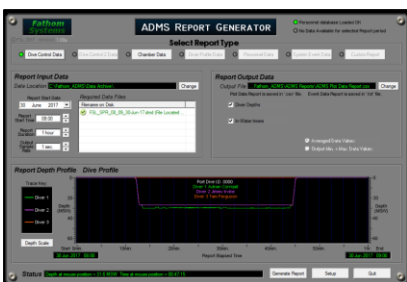
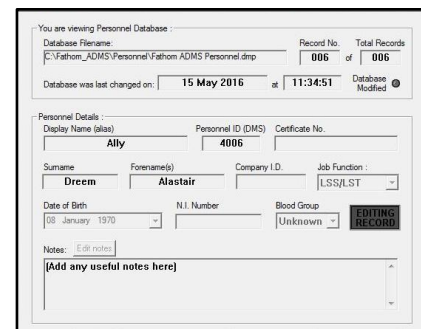
## DMS Dive Profile Editor

- Use waypoints to create depth versus time dive profiles displayed the DMS screen.
- Assists diving supervisor in ensuring divers do not exceed the ascent rates specified in dive tables and to plan decompression stops.
- Profiles may also be used to plan therapeutic treatment.



## DMS Personnel Database

- Personnel details of all Air divers and Supervisors that work with the Air Dive system are set up here.
- Keeps track of all the personnel that are actively being managed by the dive monitoring system:
  - Air Divers assigned to diving duties
  - Air Dive Supervisors on duty
  - LSS on duty



## DMS Report Generator

- Generate reports to import to Microsoft Excel for graphing and analysis
- Preview allows easy identification of data to export
- Optimised and useful reports and graphs can then be produced



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