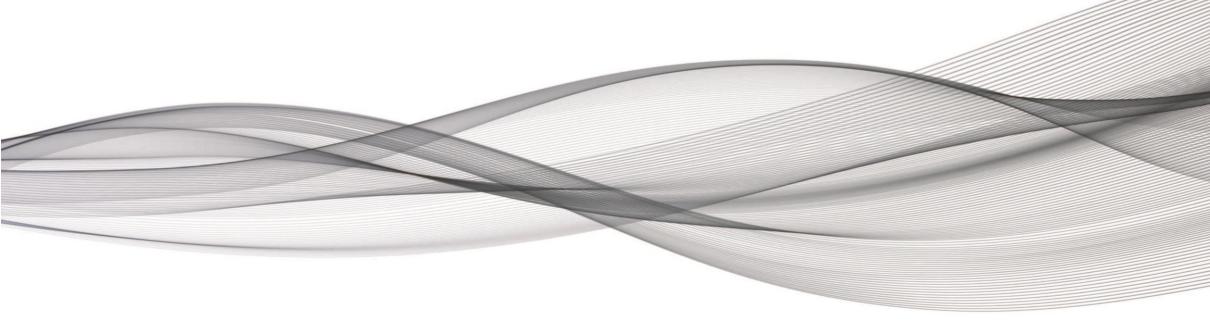


JFD

Military Diver Conference Presentation by Andy Brunton, MBE







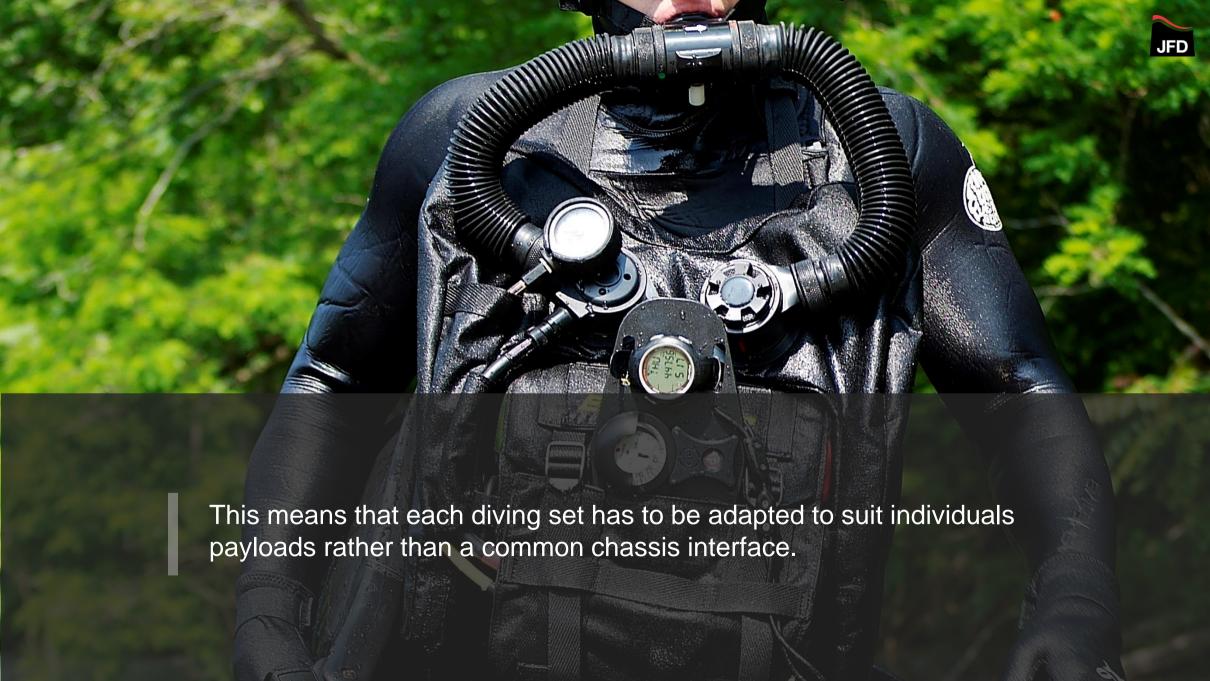
JFD is the world leading subsea operations rescue and manufacturing company, providing innovative diving, submarine rescue and specialist subsurface technical solutions to the commercial and defence diving industries.



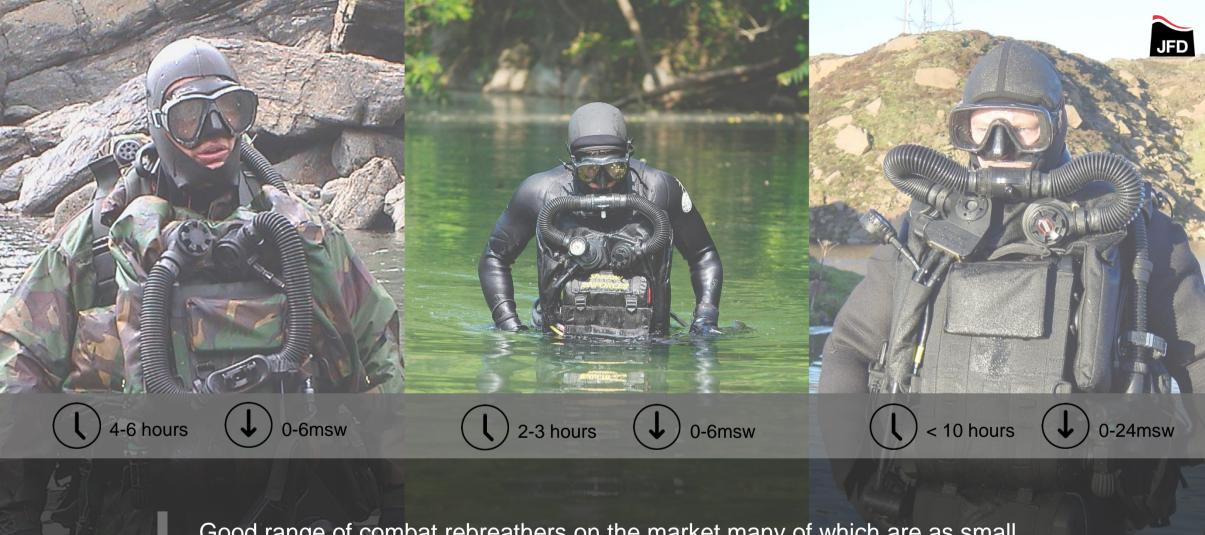




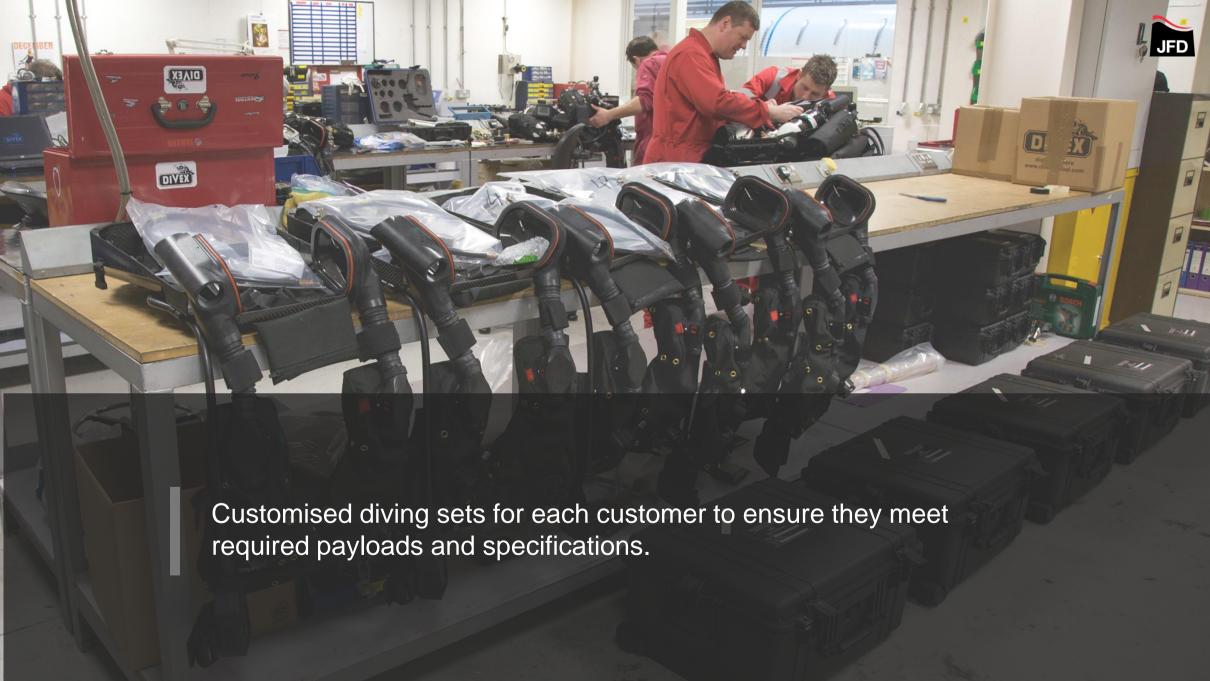
Manufacturers of Special Forces Diver Equipment provide standalone equipment with limited interfaces to Combat Vest, Plate Carriers and Payload.







Good range of combat rebreathers on the market many of which are as small as possible and provide the necessary duration and depth to undertake missions



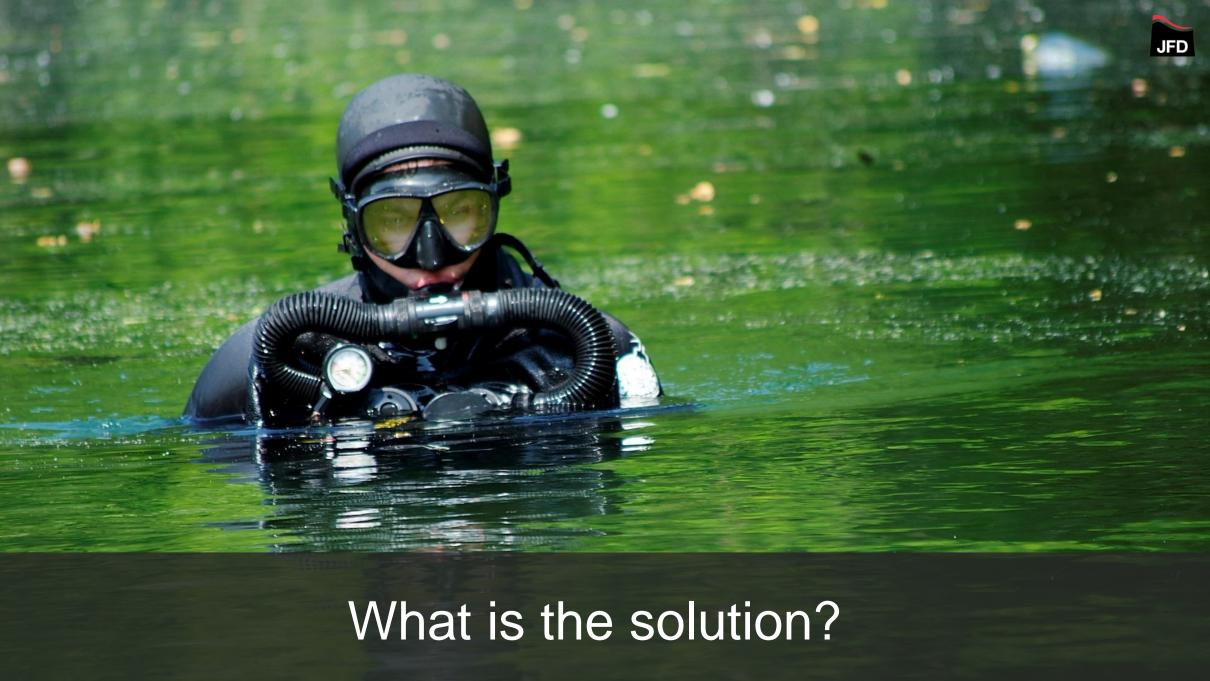






LIMITATIONS

- Diving sets currently have to be adapted to suit individual payloads
- No common chassis interface
- This is costly, time consuming and has to be done for each specific diving set











JFD has combined the Shadow based range onto the SnigelDesign Combat Vest thereby facilitating clip on / clip off capability with a scalable 'add-on' harness that can be adapted to meet operational tasking.











- SnigelDesign Squeeze ballistic vest is fully modular system that accommodates for any soldier size, mission, environment, task, and threat level.
- Is accomplished with a limited number of components to reduce the burden on the logistics chain (2 front/back set sizes combined with any of 3 side panel sizes will cover 95% of the military population). Fine tuning of size is done by pulling on the tabs in the sides.
- Method for closing the vest is modular -standard Velcro tabs, zippers or quick-release buckles can be added to the side panels at end-user discretion.







- Level of protection can be adjusted by adding or removing hard plates of various types, on top of the soft panels, up to full 7.62 AP protection.
- Protected area can also be adjusted by adding neck, shoulder, upper arm and groin protection modules.
- Vest can be fitted with a wide range of pockets, pouches and holders to suit the mission, and the individual soldier's task in the mission.
- Vest can be fitted with a life preserver collar module, with either manual, automatic or both manual and automatic C0₂ release e.g. for boarding parties, or when travelling by helicopter over water.







- Once you have kitted out the vest to suit specific needs, JFD rebreather apparatus can be added via a clip on/clip off interface.
- The JFD harness also works for stand-alone carrying if not combined with a combat vest.
- The clip on/clip off interfacing components can be added to any current vest with the MOLLE attachment standard, but the JFD rebreather and the SnigelDesign vest are optimised to work together.







The clip on/clip off capability enables the operator to optimise his kit and cargo for the mission on land, put the rebreather on and stealthily swim ashore. Once there, quickly and silently unclip the rebreather from his vest, hide it and carry out the mission. With the mission accomplished the operator will the return to the stowed rebreather, clip it onto the vest and disappear.





Back-mounted Shadow set

- Combat, VSW and SDV operations
- Available in Closed-Circuit Oxygen only or combination Closed-Circuit Oxygen / Semi-Closed Circuit Nitrox variants
- Can utilise ExtendAir cartridge or granular fill CO2 scrubbing



Shadow Enforcer range

- Oxygen only
- Nitrox only
- Combination





Solid cartridges

- Solid Cart (Square)
- Solid Cart / Granule Option



CDNM (Combat Diver Navigation Module) mask

- CDNM is a divers mask head-up navigation system which JFD have developed in collaboration with the US Navy
- Fitted to standard divers half mask itprovides a head-up display to the diver displaying a magnetic compass heading, depth and dive time and would replace existing tactical swim boards





What do you want?

This is what we've been working on in response to the issues that we are aware of facing today's combat diver but what do you need?

