Zetechtics’ range of Jupiter Subsea Control Systems offer one of the most advanced solutions for the control and instrumentation of hydraulic tools and systems integrated into a single unit. Our ultra-compact and light weight units provide both simple on/off, proportional pressure and bi-directional flow control. Expandable functionality can be achieved through the use of Master/Slave arrangements or system modification. Jupiter systems can interface with our High Flow Valve Packs or third party equipment, as required. All systems come with the powerful Jupiter software, which allows total user control over the operation of the Jupiter system. Software features include Data-logging, Automatic Calibration of Torque Tools, User Customisable Set-up and comprehensive diagnostics. All supplied systems are supported in the field through a dedicated Technical Support Helpline available 24/7 via phone or e-mail. In addition, we offer a program of Certified Jupiter training courses that can be delivered throughout the world. Software Upgrades are available free of charge.

The leaders in subsea control
Zetechtics are world leaders in subsea control systems for ROV Intervention tooling to the oil and gas energy markets, providing proven industry solutions many of which are continually working in high integrity applications.

Features & Benefits
- Depth Rating - 4000 msw
- Compact, Light Weight & Low Cost
- Proven Jupiter performance pre-programmed to operate tooling immediately on deployment
- ‘Closed-Box’ configuration, no internal access required for links, fuses, datalink settings, etc.
- Field Proven & Supported Worldwide
- Fully Secure Smart Calibration & Setup
- Powerful User Accessible Software Tools
  - User retains control over all aspects of Software Functionality & GUI/HMI Design
  - Multi-level password protection
  - Surface Software runs on PC or laptop
  - Advanced Software features include Data-Logging, Auto Calibration, Function Interlocks and Automated Control
- User interface & operation held in secure set-up file which can be quickly changed for multiple tasks or tools
- Options include:
  - Digital and/or Analogue Sensor Inputs
  - Differential Pressure Transducers
  - Advanced Software
  - Multiple Valve Configurations
  - Camera & Lights
  - Serial Interfaces & Ethernet

Applications include:
- Torque Tool Control
- Hydraulic Intervention Tools
- Control of TMS, Skid and TDU
- Flow Line pull in & Connection
- Pipeline Repair Equipment
- Suction Anchor Installation
- Flying Lead Orientation Tools
- Robotic Drill & Seabed Corer/Crawler Systems
- Winch Pull-in
- Bespoke Requirements
All Jupiter2 Control Systems are supplied with laptop, rack mount or panel PC installed with the Jupiter software and all parts required to operate.

**Jupiter 2 Torque Tool Control System**
- Control of hydraulic Torque Tools operated from any Work Class ROV / HPU.
- 1 x NG6 Press & Bi-Direct Flow Control Prop Valve
- 4 x NG3 Bi-directional Solenoid Valves

**Jupiter 2 Dual Tool Control System**
- Can operate 2 proportional (pressure & flow) tools simultaneously.
- 2 x NG6 Press & Bi-Direct Flow Control Prop Valves
- 4 x NG3 Bi-directional Solenoid Valves

**Jupiter 2 Skid Control System**
- Integrates dual torque tool control & deployment or skid functions into a single unit.
- 2 x NG6 Press & Bi-Direct Flow Control Prop Valves
- 8 x NG3 Bi-directional Solenoid Valves

**Jupiter 2 TMS Control System**
- Control of TMS Units. Can be used on a new build or refurbishment and provides all the functions & components required for a fully functional TMS.
- Option: electronics only (no valves)
- 1 x NG6 Bi-Direct Flow Control Prop Valve
- 4 x NG3 Bi-directional Solenoid Valves

**Jupiter 2 TDU Control System**
- Integrates torque tool control & deployment functions into a single unit.
- 1 x Press & Bi-Direct Flow Control Prop Valve
- 10 x NG3 Bi-directional Solenoid Valves

**Jupiter 2 High Flow Valve Pack**
- Offers an accurate control of pressure & flow for high flow/high power applications such as Suction Anchor installation. Small valve pack driven from an external control system. Suitable for use with any Jupiter Control System.
- 1 x NG10 Press & Bi-Direct Flow Control Prop Valve

**Jupiter 2 General Function Valve Pack**
- Standard options include up to 2 combined proportional pressure & bi-directional flow functions. In addition up to 12 bi-directional valve functions, either solenoid or proportional, which may be fitted with manually adjusted pressure and flow adjustment valves as well as additional sandwich valve options.

**Bespoke/Modified Control Systems**
- Application specific solutions are available on request. Hundreds of proven bespoke Jupiter Control Systems are in operation worldwide.