

# Subsea Control Module (SCM)

VetcoGray's Subsea Control Module (SCM), known as the ModPod, a most technologically advanced and versatile control system

## Key features & benefits

- Standard modularized component design
- Highly flexible functionality within a standard envelope (1,350 x 770 x 770 mm)
  - Configurable number of hydraulic functions
  - Single or dual Subsea Electronics Module (SEM)
  - Optional pressure intensifier
- HP / HT Compatible
- Integral High Integrity Pipeline Protection System (HIPPS) option
- Isolated HP x LP systems
- Deepwater capability up to 3,000 m design
- Remotely Operated Vehicle (ROV) retrievable with interface tool
- Integral accumulation and hydraulic filtration
- Multiple communications options
  - Copper modem – selectable data rates up to 115k baud
  - Power-line signaling (200 km)
  - Optical fiber (220 km)



Over 358  
manufactured  
since 2000

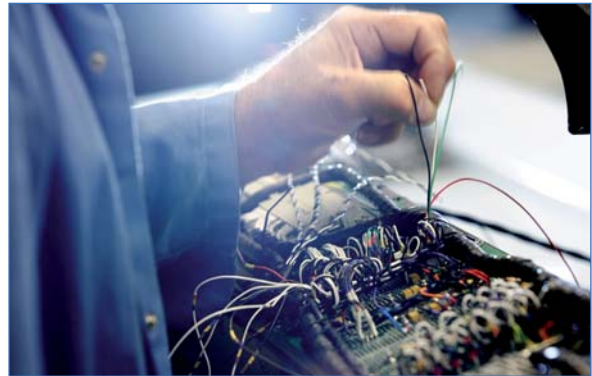


# Subsea Electronics Module (SEM)

New developments to enhance the field proven Subsea Electronics Module SEM 2K – announcing the arrival of SEM 2K+

## Key features & benefits

- Intelligent Well Interface Standard (IWIS)
  - ISO 13628-6:2006 compliant
- Subsea Instrumentation Interface Standardization (SIIS)
  - Covering physical configuration, electrical power, communications and testing and qualification
- Safety Integrity Level (SIL) rated Process Shut Down (PSD)
  - Analysis and development for compliance with IEC 61508 to achieve a SIL 1 rating PSD safety function



GE imagination at work