



ADVANCED ENGINEERING FOR SUBSEA PRODUCTION SYSTEMS

- **Independence**
 - Independent and impartial engineering, without hardware or installation preference
- **Advanced Subsea Engineering**
 - Unique combination of engineering experience, including design, testing, analytical skills and proprietary software solutions
- **Experienced Personnel**
 - Personnel with worldwide experience, all locations, all water depths
 - 25 years in offshore industry
- **Resources**
 - Staff of 150 based in Houston, Galway, Aberdeen, Rio, Perth and Paris
- **Worldwide client base and experience**

SERVICE

- Integrated Subsea and Riser Solutions
- Field Development Strategies
- Concept Technical Evaluation
- Cost Evaluation
 - Equipment
 - Installation
 - Operations
- System Architecture
- Pipeline Routing
- Flow Assurance
- System Integration
- Risers and Umbilicals
- Pipelines
- Manifolds
- Control Systems
- Subsea Equipment Selection
- Construction Planning

CAPABILITY

- Front End Engineering Design
 - Trade off studies
- Detailed Design
 - Specifications
 - Drawings
- HAZID/HAZOP
- Risk Analysis Studies
- Equipment Qualification
- Project Management
 - Scheduling
 - Cost Control
 - Interface Management
 - Document Control
- Procurement Support
 - RFQ's
 - Bid Review
 - Inspection and Expediting