Subsea Services
Transforming the delivery of services across the life of the field through our wide range of capabilities and solutions

We help clients increase oil and gas recovery and equipment uptime while reducing overall cost, and delivering superior service enhanced by data management and processing to ensure they draw the best performance from subsea fields.
Schilling Robotics

**Offerings**
- Class leading range of WROV’s to cover life of field activities
- Powerful, compact 150-hp and 250-hp ROV’s with optional 5,000msw depth rating
- Class leading automation to aid pilot/operation efficiency

**Benefits**
- Modular approach improves maintenance times by a factor of 6-to-1 compared to traditional vehicles
- Aftermarket support offering subscription technical support and online spares ordering
- Superior on-board tooling capacity for rapid tooling integration

**Performance improvement**
- UHD Gen-III meets full requirements of API 53 standards for BOP intervention in less than 45-second ram closure
- Intelligent power management system providing highest thrust performance for ultra-heavy-duty tasks
- Industry’s most accurate StationKeep with independent thruster control
- Enhanced automation dramatically reduces the time required to perform common intervention tasks
- High-definition (HDEV) video suite

Drilling services

**Offerings**
- Comprehensive wellhead systems
  - Complete offering of wellhead equipment and services
  - Operating up to 20,000psi and 350°F
  - Best-in-class field support and service
  - Exclusive monitoring services
    - Well Access Monitoring Services (WAMS)
    - Annulus monitoring

**Benefits**
- Lower cost
  - Specific tooling enables multiple operations in a single run to reduce cost of installation
  - Load monitoring services to reduce rig time
  - Fatigue monitoring to extend equipment life

**Faster delivery**
- Immediate response capacity
- Proprietary tooling to accelerate installation
- Remote locations for fast global access
- Shortest time to delivery in the industry

**Performance improvement**
- Monitoring solutions improve safety and reduce risk of killing the well
- Annulus monitoring provides opportunities for enhanced production

Installation services

**Offerings**
- Fully integrated well completion and installation services:
  - Well construction (tubing head and tree)
  - Tubing completion installation and well flowback
  - Workover and controls
  - Integrated rental tooling suites, including landing string safety systems

**Benefits**
- Lower cost
  - 20% fewer people on board compared to industry to minimize OPEX
  - Integrated services (IWOCS/LS) reduce costs 25% vs. stand-alone services

**Faster delivery**
- Integrated offerings reduce mobilization time
- Dedicated core teams for single point responsibility and proactive planning
- Optimized infrastructures increase capacity, productivity and efficiency

**Performance improvement**
- Improved safety performance
- Tooling availability through standardization
- Highly competent engineering and technical staff ensure best-in-class services in the industry
- Optimized rig/vessel uptime
Maintenance services

Offerings
World-class service facilities purpose-built for safety, quality, delivery and cost optimization and industry-leading field and engineering support provide:
- Maintenance
- Refurbishment
- Systems integration testing
- Storage and preservation
- Inventory management
- Mobilization and demobilization

Benefits
- Lower cost
  - Refurbishment offers a cost-efficient alternate to new
  - Consolidated operations shorten execution cycle and lower lead time, to enable earlier returns
- Faster delivery
  - Splash ready equipment lowers risk profile and allows for lower contingency and pre-deployment spend
  - Integrated facilities and repeatable procedures reduce unplanned downtime and scheduled risk
- Performance improvement
  - Integrated offerings simplify response to clients’ needs
  - Standardized, efficient procedures enable safe and predictable operations

Production management services

Offerings
Integrated technology, flow assurance and advisory capabilities to deliver full service solutions for production management
- Flow Management
- Debottlenecking
- IOR with subsea processing

Benefits
- Higher volume
  - Flow assurance and operability engineering
  - Production management, upgrade and de-bottlenecking
  - Subsea IOR services including pumping, separation and compression for greenfield and brownfield applications

Asset integrity services

Offerings
Operation enhancement to drive uptime
- Robust asset integrity management
- Condition performance monitoring
- Inspection, maintenance and repair
- Cybernetix Monitoring and Inspection Solutions

Benefits
- OPEX reduction
  - Operability engineering
  - Robust asset integrity services
  - Cost-effective interventions
- Lower cost
  - Multipurpose vessel-based services (WI&IMR) reduce mobilization/demobilization costs
- Faster delivery
  - Integrated services enable faster changeouts of production-critical equipment
- Increased uptime
  - Real time surveillance of the entire field
- Accelerated decision time
  - Data management and digital collaboration – combined expertise and advisory services on production, uptime and OPEX
Subsea Services

**Offerings**

Subsea well and operations expertise for integrated intervention services

- Vessel based Riserless Light Well Intervention (RLWI) project management and engineering services for plug & abandonment (P&A), riserless coiled tubing and well completion operations
- Rig based open water workover and landing string intervention project management and engineering services for rig intervention operations

**Benefits**

**Lower cost**

- 20% OPEX savings through integrated services
- Lower OPEX with vessel-based operations
- ROV superior reliability reduces non-productive time
- Multipurpose vessel-based services (WI&IMR) reduce mobilization/demobilization costs

**Faster delivery**

- Above 98% average uptime

**Performance improvement**

- Integrated services offering results in fewer customer-managed interfaces and reduced overhead
- Industry-leading processes with zero well control incidents

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**P&A and Decommissioning Services**

**Offerings**

Single, dependable contact point for full field decommissioning

- Integrated engineering, procurement, recovery and disposal (EPRD)
- In-house, holistic, risk-based approach through comparative assessment to minimize overall environmental impact
- All the way from logistics to final disposal
- Aligned with regulatory requirements and industry standards
- Supported by leading-edge technology
- Best-in-class field services personnel

**Benefits**

**Lower cost**

- Widest range of well access solutions and marine capabilities yields lower OPEX
- Multi-purpose assets ensure higher utilization, resulting in lower overall cost

**Faster delivery**

- Largest global subsea installed base optimizes operations thanks to in-house knowledge of field developments
- Extensive vessel fleet ensures availability and schedule effectiveness

**Performance improvement**

- Execution via vessel simplifies P&A campaign
- Riserless through-tubing lower abandonment reduces the risk
- Global presence and infrastructure provide significant project efficiencies
Enhancing the performance of our client’s subsea fields

- Increased recovery through flow management, well intervention and field upgrade.
- Higher uptime by offering real-time surveillance, robust asset integrity management and proactive maintenance.
- Lower cost through condition performance monitoring, cost effective interventions and equipment upgrades.
- Faster decision time through our data management and digital services.

Leveraging TechnipFMC competencies to increase client’s benefits

- Comprehensive offerings that address the entire subsea field throughout its lifespan.
- Integrated solutions and full service packages that reduce risk, time and cost.
- Extended vessel-based services to optimize time, reduce cost of operations and simplify contract management.
- Purposeful digital services that gain additional value from data and transform it into actionable information.