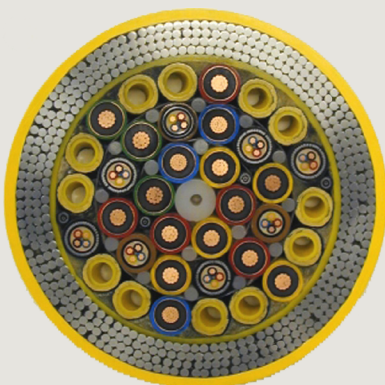


From design to reality, engineering design using the latest 3D modeling software

## Umbilical Design methodology:-

- Umbilical design solutions generated through a combination of:-
  - Engineering best practice and design rules
  - Implementation of industry standards
  - Development and validation of mathematical models incorporated into design software programs
  - Analysis models including Seabed Stability, Steel Tube Wall Thickness, Flow Validation, Dynamic Analysis and Fatigue Life Evaluation
  - Accreditations include API 17E Third Edition



Subsea Pumping



Large Bore Centre Tube



Gas Lift