



FUGRO STARFIX ON DEMAND

Starfix on Demand is a scalable Fugro service based upon our industry leading software built into a robust Starbase appliance. Supplied on a subscription basis, Starfix on Demand eliminates upfront capex spending for clients. The service integrates Fugro’s leading Starfix Suite surveying software and hardware and is managed by expert teams offering 24/7 assured support. **Fugro is, for the first time, offering a scalable solution to provide fit for purpose survey service solutions ranging from standard to our specialist services, underpinned by ISO 9001.**

KEY CONCEPTS

Fugro Starfix Suite is installed on a Fugro standard appliance (Starbase) enabling secure operational assurance.

- Starbase appliance, available worldwide, is managed by Fugro experts to ensure availability
- Uses vessel internet connection
- Protects from unauthorized installation of software with remote management of software and virus scanning software
- Scalable from single vessel to large multi vessel projects

- Interface to Starfix GNSS subscription and third-party data feeds
- Gives access to and integrates with specialist services like Quickvision, 3Direct, Finetrack

BENEFITS

Starfix on Demand has a direct impact on cost reduction, operational efficiency and HSE exposure. Enabling anywhere and anytime real-time access to vessel operations and data. On demand expert teams are on 24/7 standby for QA/QC monitoring and remote survey intervention.

- Managed solution eliminates third-party surveying software and consumer hardware risks
- High reliability with lower liability
- Subscription based service offerings, pay as used
- Access to specialist services

FUGRO STARFIX SUITE

Starfix Suite is modular to ensure simplicity on projects while allowing for complex modules activation on more challenging projects.

- Fit for purpose solutions designed for a variety of projects
- Highest reliability assured by strict versioning control

FUGRO ACADEMY

Fugro Academy offers global access to Starfix training, delivering both classroom and virtual courses.

- Direct & indirect user training opportunities
- Accreditation & certification

SERVICE FLYER



SERVICE OPTIONS

Fugro offers four subscription options to optimise efficiencies, cost savings, performance and quality on a project by project basis. Clients have the option of switching between service levels to meet project requirements.

Starfix On Demand

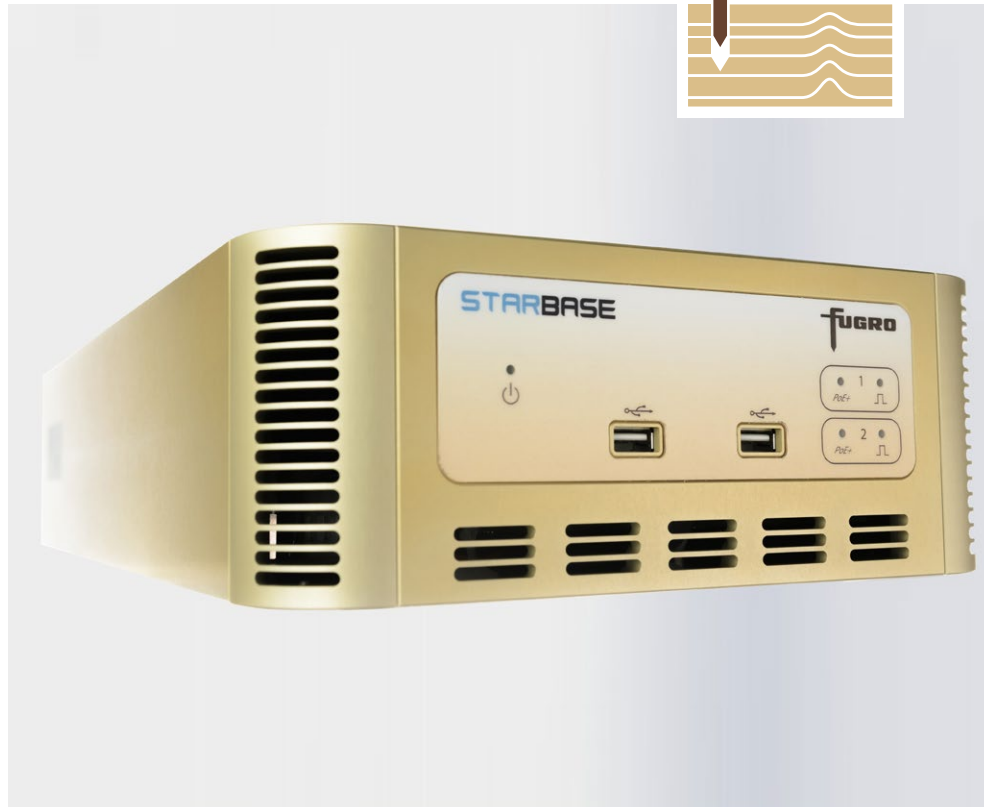
Fugro provides Starfix on Demand / Starbase appliance onboard the client's vessel. The software suite is operated by the client's personnel.

- Integrated software (Starfix Suite) and hardware (Starbase) ensures higher reliability of operations
- Software is operated by the client or vessel personnel
- With Starfix on Demand clients can view the vessel position independent of DP software
- No capital investment is required as the client is subscribing to a service rather than purchasing hardware and software
- Software and hardware is managed by Fugro experts
- Option to upgrade

Independent QC Monitoring

Fugro utilises the Starbase; an on-demand service where Fugro will remotely QC the vessel positioning through its command centres that operate 24/7 by experienced surveyors.

- Quality assurance to stay on course or monitor watch circles
- Capability of QC by Fugro while relying on vessel owned sensors
- Allows client QC of offshore projects



Starbase.

Remote project support

Fugro can provide real-time operational project support and survey services through its command centres operated 24/7 by experienced surveyors.

- 24/7 communication with Command Centre by phone or headset
- Verbal collaboration regarding status, project plan and amendments
- Remote client monitoring of offshore projects via secure web browser
- Survey support without personnel onboard or associated logistics

Specialist Services

Fugro carries out survey services with surveyor onboard utilising installed hardware for specialist operations, such as:

- Multi vessel operations
- Multibeam mapping
- Finetrack INS subsea positioning
- Metrology services
- Quickvision for seabed structures
- 3Direct for surface structures
- Dimensional control, gyro calibrations, offset surveys