Fugro OnSight is an information management solution that provides valuable insights into the condition of your plant assets. It creates an intelligent 3D plant model that acts as a digital twin and single point of truth (SPOT) using secure, open standards and can be accessed anywhere, anytime. OnSight improves the operational efficiency of your plant assets, reduces maintenance costs through early insight to support decision-making, and helps maintain a high level of safety. Fugro’s digital end-to-end solution for plants is available globally.

**FUGRO ONSIGHT**

Our solution is web-based allowing you to access your data from remote locations, which reduces the need for site visits lowering HSSE exposure, mobilisation and demobilisation costs. If a plant owner or operator uses data that are not current, situations could be misinterpreted. As a result, maintenance may not be executed correctly or completely leading to deterioration in parts of the plant, which may remain unsolved or undetected resulting in unplanned shutdowns. Fugro OnSight creates an up-to-date, reliable and SPOT master data environment which will reduce errors made by the operator and stakeholders.

**BENEFITS**

Fugro OnSight provides high-quality insights into plant asset integrity and 3D digital asset information by providing a single point of truth for all available field data. Our approach ensures:

- Lower risk and HSSE exposure due to fewer site visits
- Lower costs as fewer mobilisations and demobilisations are needed
- Simpler project management: our full in-house, end-to-end solution ensures single-supplier accountability
- Time savings through use of standard open data formats, avoiding vendor lock-in while providing flexibility, simplicity and data privacy
HOW DOES IT WORK?
We capture your plant assets through an array of technologies. From these results, we create a digital twin (see below), which is further supported by an innovative toolset and integrates open standard models to ensure full control and ownership of the data without vendor lock-in. The asset environment and data are managed and delivered via the internet and do not require any plugins or software installations. Fugro OnSight is cloud-hosted for optimal performance, accessibility and data security; it is scalable even for very large and complex facilities. Our solution can also keep the data evergreen and support documentation departments by hosting and linking associated data.

DIGITAL TWIN
To develop a smart and connected plant or asset, a ‘digital twin’ is created as a virtual model that links acquired point-cloud and imagery data, models and documentation into an advanced asset information system. The digital twin supports an ecosystem similar to building-information modelling systems where all stakeholders can work together, support maintenance and provide a platform for training and HSSE purposes.

FEATURES
- Efficient point-cloud and imagery data acquisition
- 3D modelling and visualisation administered through a user-friendly interface
- Powerful toolset – a suite of spatial and analytics tools to extract value from the data
- Collaboration tools – a suite of tools to share information among different stakeholders
- Configurable user rights and various modules to support your plant’s needs
- Consulting services for a customised solution
- Support services to keep data evergreen by capturing any Management of Change results.

THE FUGRO DIFFERENCE
Fugro OnSight combines various innovative technologies into an integrated solution continuously developed by our experts. It delivers a comprehensive site overview for optimised data management and spatial awareness.

Our continuous commitment to safer plant sites fuels our innovation, resulting in a high-quality end-to-end service for a safe and liveable world.