

AS-TEG™

by 



A digital twin built by industry engineers, refined with customers, and proven globally.

AS-TEG™ is a reality-first, engineering-accurate digital twin platform specifically designed for onshore process plants, offshore FPSOs, and fixed platforms. It unifies design, as-built, and operational data into a single intuitive system that scales effortlessly across your organisation.

AS-TEG™ eliminates disconnected tools, siloed data, and manual verification by integrating engineering-grade reality capture with core asset systems. The result is a unified source of truth that reduces operational risk, accelerates workflows, and improves engineering and maintenance productivity.

Key Benefits

→ **Confidence in Every Decision:**

Connected data in one place gives teams a complete understanding of the asset - without assumptions, uncertainty, or repeated site visits.

→ **Greater Efficiency & Productivity:**

Uncover engineering and maintenance efficiencies - accelerate maintenance planning, integrity management, and cross-team collaboration.

→ **Lower Cost and Operational Risk:**

Automated workflows, integrated systems, and work-clustering capabilities reduce engineering hours, physical surveys, and rework.

→ **Rapid Deployment & Scalability:**

Go live in as little as one month - with minimal effort and training required.

What our clients see after implementing AS-TEG™ into their workflow:

↑ **90%**

faster access to data
through connected applications
and an intuitive interface

↓ **40%**

reduction in maintenance
backlogs via strategic work
scope clustering and smarter
planning.

↓ **70%**

reduction in
engineering costs with
simplified workflows and
automation



**Precision for engineering. Power for operations.
Accessible for everyone.**

Features:



Accuracy you can Trust:

Engineering-grade reality capture with millimetre-level precision. Single centralised coordinate system removes fragmented survey control networks.



Full Control of Your Asset Data:

Data-neutral and hardware-agnostic (no proprietary scanners, restrictive formats, or locked-in design suites).



Unlimited Scalability:

No user or data limits. Expand effortlessly across sites, asset types, and business units. Designed for technical and non-technical users.



Simple Connectivity & Customisation:

Integration with asset databases such as integrity, maintenance, and real-time sensor systems. Configurable workflows and user permissions.

Trusted by leading operators in Oil & Gas, nuclear, thermal, and renewables. Successfully deployed at all lifecycle stages.

Proven track record with global energy operators for onshore process plants, FPSO's and fixed platforms, with implementation at any stage of the lifecycle from greenfield to late life decom and asset repurposing.

For over a decade, eserv has successfully partnered with global blue-chip energy operators to reduce risk, lower costs, and give them full control of their digital twin data. With strategic hubs in the UK, Middle East, and US, our growth is built on partnership, continuous innovation, and practical engineering insight.



Find out more at www.eserv-in.com or book a demo by emailing enquiries@eserv-int.com

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