

Operate and Maintain

Keep construction data alive through the operational lifecycle.

eviFile's Operate and Maintain module extends eviFile's governed data environment beyond handover and into the operational lifecycle. It applies the same principles of structured and connected data capture to the inspection, maintenance and performance monitoring activities that keep assets safe and operational.

Common data challenges

- The information created during construction has significant value beyond handover but it almost never makes it into operations in a usable form typically ends up archived as PDFs in a CDE.
- Maintenance management still relies heavily on spreadsheets and manual processes in most asset-intensive sectors. The result is a fragmented picture of asset health that makes proactive maintenance difficult and reactive maintenance expensive.
- The disconnection between the construction phase and the operational phase is systemic. Asset managers routinely have to reinspect or re-survey assets to establish baseline data that should already exist in the project record.
- Compliance reporting requires evidence of planned and corrective maintenance activity, inspection outcomes and asset condition. Without structured digital records, producing this evidence is labour-intensive and audit risk remains high.
- As infrastructure ages and asset portfolios grow, the volume of maintenance data becomes unmanageable without proper tooling.

How eviFile helps address these challenges

Consistent data structure from construction through to operations, eliminates the duplication and data re-entry that currently bridges the gap between project delivery and asset management.

- Planned Preventative Maintenance (PPM) scheduling and tracking replace spreadsheets with a governed, auditable system.
- Non-Destructive Testing (NDT) workflows with full digital evidence capture, enabling inspection teams to attach images and generate reports in the field rather than retrospectively in the office.
- Real-time visibility of asset condition, inspection status and maintenance history in a single dashboard.
- Integration with existing enterprise asset management systems rather than replacing them.
- Risk assessments, safety inspections and surveys with automated escalation workflows.
- Competency and accreditation records held digitally and verified at the point of job assignment, ensure that the people carrying out maintenance activities hold up-to-date qualifications.

eviFile in Action

- Drax Power achieved over £1 million in savings through the digitisation of NDT inspection processes using eviFile, replacing paper-based workflows with structured digital evidence capture and automated reporting.
- In the water sector, United Utilities reported that eviFile brought benefits across the whole project supply chain, including to stakeholders and regulators reflecting the value of having a single, verifiable record of both construction and operational activity accessible to all parties with a legitimate interest in the asset.