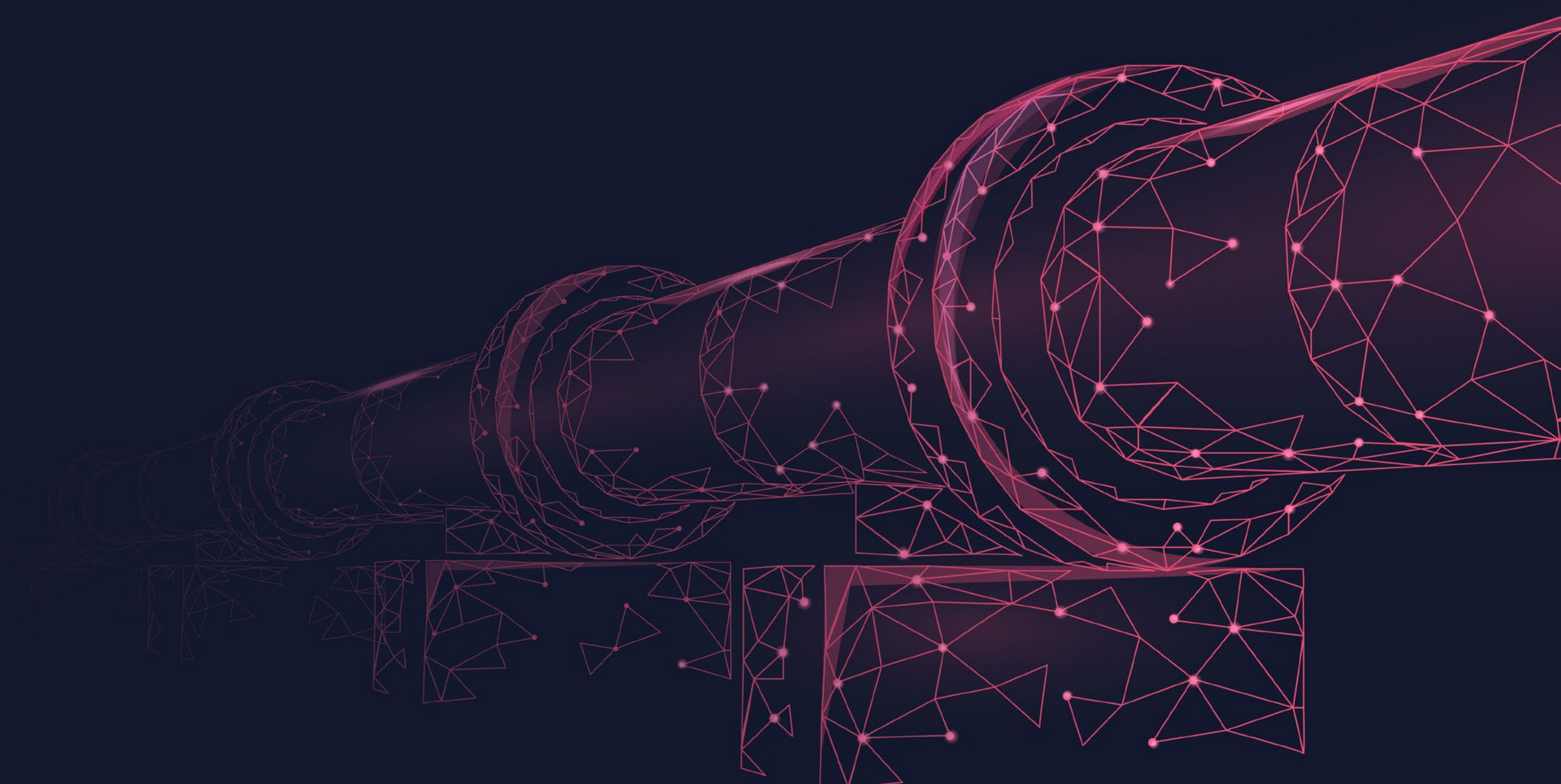




XAMIN VIBRATION





VI VIBRATION



XAMIN Vibration combines vibration risk management software with onsite measurement capability and remote monitoring solutions, to ensure that vibration and fatigue issues are identified, monitored, and actioned in a traceable manner.

Our XAMIN Vibration suite of services provides proactive, ongoing measurement, monitoring and fatigue management, ensuring a more cost-effective solution compared to the standard approach of mobilising specialist engineers. It allows individuals the ability to view offshore vibration assessment campaigns, review and approve work packs and integrate scheduling into wider asset plans. Additionally, it offers reassurance that all key anomalies are captured, allowing a clear focus on target areas.

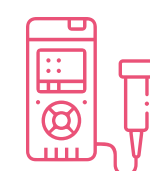
The XAMIN Vibration suite provides:



Vibration Risk Management Software – the online platform provides a full picture of asset vibration integrity using the 'Plan, Do, Check, Act' workflow alongside monitoring and measurement data to allow proactive management of risks, offering the flexibility to interpret vibration data or review existing anomalies and actions.



Remote Monitoring Systems – our ATEX monitoring systems provide essential data for fatigue assessment, seamlessly integrating it into the XAMIN platform for live monitoring. We can provide tailor-made dashboard enabling identification of key concerns for proactive management, supporting production critical decision making.



Vibration Meter – handheld meter which allows onsite personnel to take vibration measurements which can be remotely analysed by vibration experts. The meter promotes more regular ongoing vibration data collection and avoids unnecessary mobilisation of a specialist, which in turn provides more robust vibration / fatigue assessments for assets.

Key Features

- Provision of high-resolution integrity data, removing conservatism from fatigue assessments.
- Cloud based data storage and streaming gives the ability to easily share data with subject matter experts anywhere in the world.
- Configurable dashboards and trending for immediate classification of vibration / stress / fatigue data for informed and timely decision making.
- Easily accessible and traceable integrity data and records, improving data management efficiency and auditability.
- Digital solution that facilitates remote data collection and assessment and reduces the requirement to have specialists engineer on assets.



130,000 bpd

Continued production support provided by XAMIN Remote Monitoring on one UKCS FPSO



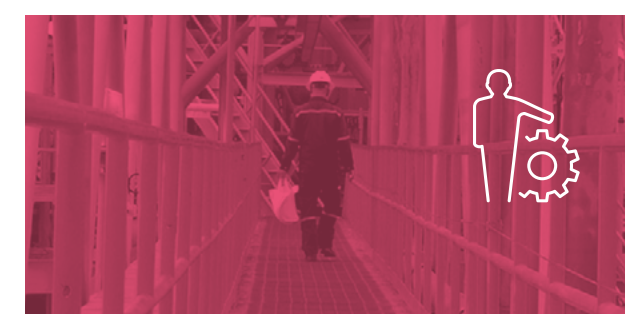
30+

Assets supported by XAMIN Vibration globally



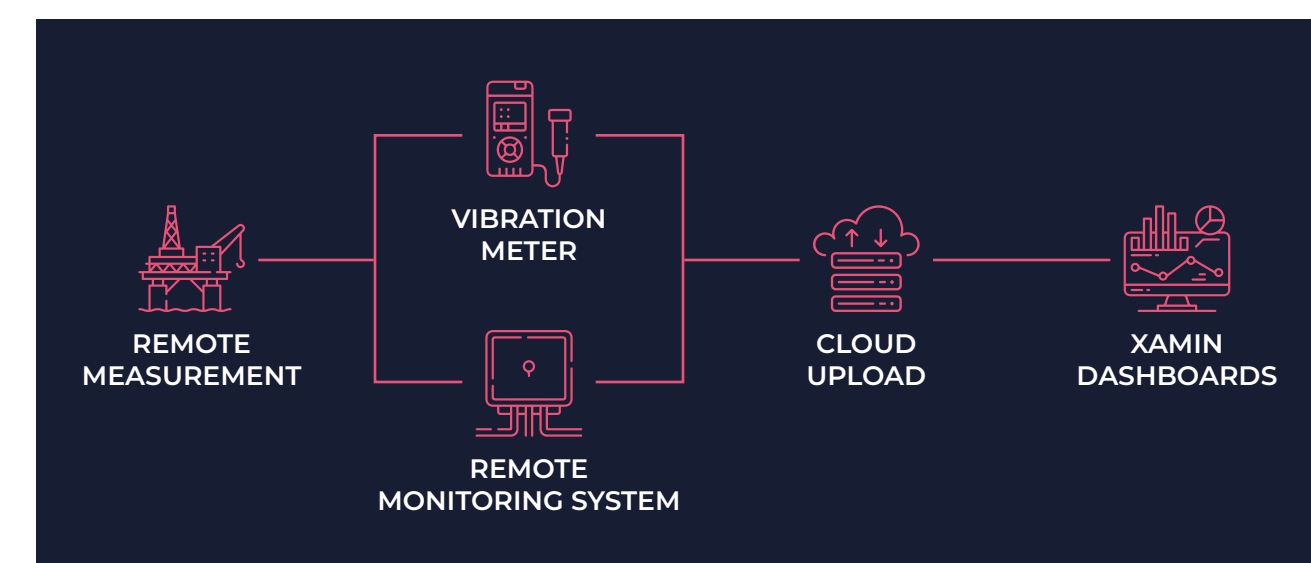
400+

Months of continuous integrity data streamed from XAMIN Remote Monitoring



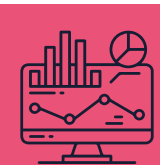
£1M+

Saved through avoiding unnecessary specialist mobilisations for our clients





VI VIBRATION



VIBRATION RISK MANAGEMENT SOFTWARE

XAMIN Vibration Risk Management Software facilitates the move from reactive vibration management to proactive planning and decision making.

The software is built on a hierarchy-based framework that enables tracking of data across the platform, from asset level down to individual components providing a full understanding of vibration risks to prevent fatigue failures, reduce downtime and increase safety.

It features anomaly and action databases, allowing users to log, monitor, and resolve vibration-related integrity threats and issues with full traceability.

Anomalies are ranked using customisable Risk-Based Inspection (RBI) matrices, helping prioritise interventions based on risk and criticality. Users benefit from an overview of all data associated with each location, including closed items, maintaining an audit trail of all issues relating to an item.

XAMIN Vibration enables collaboration between Xodus experts and client engineers, ensuring clear interpretation of the asset vibration integrity risk visualised through configurable and buildable dashboards for vibration integrity data, live monitoring data and measurement data.



REMOTE MONITORING SYSTEMS

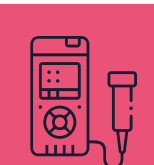
Our ATEX-certified monitoring systems are deployable on offshore and onshore assets, located in the hazardous area to remove costly cable install and integrating easily into client networks or operating standalone.

Installed within days, they stream continuous 24/7 data to the cloud, capturing a broader range of conditions than spot checks or walkdowns.

This enables early detection of process issues, environmental anomalies, and root causes. Real-time data removes conservatism from fatigue assessments, offering accurate remaining life estimates to guide inspection and life extension decisions.

It supports more precise FEA model correlation for engineered solutions. Unlike short-term measurements, continuous monitoring reflects true operating extremes, avoiding misleading assessments.

The system also supports Operational Risk Assessment and allows temporary dispensation management, maintaining production under nominally unacceptable dynamic responses through constant oversight. Fast to deploy, rich in insight and built for reliability.



VIBRATION METER

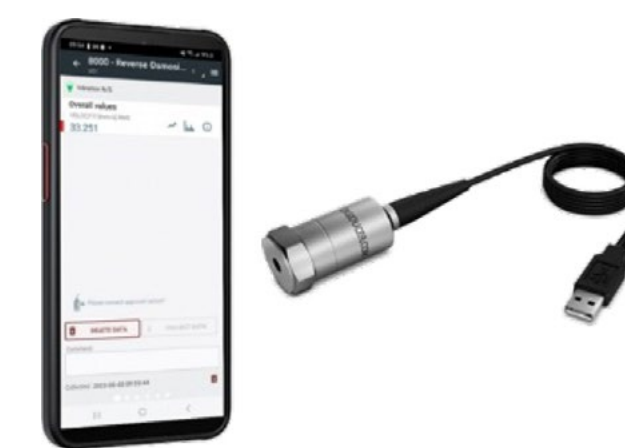
XAMIN Vibration Meter is a cloud based, route-based vibration measurement and management solution.

The system consists of a web application managed by Xodus and a data collector / mobile app used by asset personnel.

The solution replaces bulky expensive outdated data collectors, and cloud-based data transfer and storage removes the risk of inefficient data transfer and storage practices. This simple to use system provides vibration measurement capability for assets at a fraction of the cost of mobilising a vibration engineer.

Built in pipework vibration criteria – Energy Institute guidelines and Xodus criteria – for immediate classification of vibration issues.

These readings are automatically imported and linked to the relevant hierarchy level, enhancing condition monitoring and supporting proactive actions to resolve issues.





EN ENVIRONMENT
MANAGEMENT

EM EMISSIONS

PE PERMITS &
CONSENTS

IM INTEGRITY
MANAGEMENT

PS PRODUCTION
SURVEILLANCE

MC MANAGEMENT
OF CHANGE

VI VIBRATION



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We use independent, integrated thinking and digital technology to achieve success for our global energy clients, responsibly.

We are Xodus.
This is what we do.

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