With over 30 years’ experience, Stork’s Monitoring Solutions department is uniquely positioned to deliver a range of traditional and advanced techniques for monitoring the rate of corrosion, erosion, stress, temperature, strain or intrusion on pipelines both on and offshore.

Our Monitoring Solutions capability is divided into three service offerings:

- Corrosion Monitoring
- Strain Monitoring
- Intrusion Monitoring

**CORROSION MONITORING**

Provides Operators with the means to monitor the rate of corrosion on their assets, identifying and continuously reporting on areas of concern, and enabling the planning of effective remedial work. Monitoring corrosion on essential lines is vital, as it contributes to the failure of equipment and loss of containment, as well as posing a risk to personnel and the environment.

**STRAIN MONITORING**

Is used to measure the effects of strain on a pipeline or structure over a long period of time. The most common method for measuring strain uses strain gauge technology. Strain gauges have historically used electronic resistance based sensors to measure the rate of distortion, though alternatives, such as vibrating wire, are available. Stork has recently achieved approved supplier and installer status on a state of the art fibre optic strain gauge system.

**INTRUSION MONITORING**

Involves the use of acoustic and fibre optic technologies to monitor leakage and intrusion, primarily on buried pipelines. Such assets are vulnerable to excavation works and even criminal activity and can be accidently stricken without notice.

Stork is an expert provider of a comprehensive range of monitoring technologies and can install and service systems produced by all the leading manufacturers. With a dedicated team of impartial specialists and a global track record, we are the ideal partner to support your assets’ Monitoring Solutions requirements.