

Xspector

A cloud single platform for all your subsea inspection needs

ROVULA (THAILAND) CO., LTD

Vanit Place Aree Floor 25

304, Phahonyothin Road, Samsen Nai, Phaya Thai, Bangkok

 SALES@ROVULA.COM

 WWW.ROVULA.COM

 [ROVULASUBSEA](https://www.facebook.com/ROVULASUBSEA)

Xspector Introducing

Xspector is a cloud-based data management platform specifically tailored for subsea operations (inspection of assets, survey, etc.) and highly customizable as per the requirements of any major asset owner.



Xspector 

On cloud subsea
inspection platform

*Real-time report
with dashboard*



Project setup

Xspector supports any
type of setup that the
client needs.



Recording

Recording with overlay
and eventing.

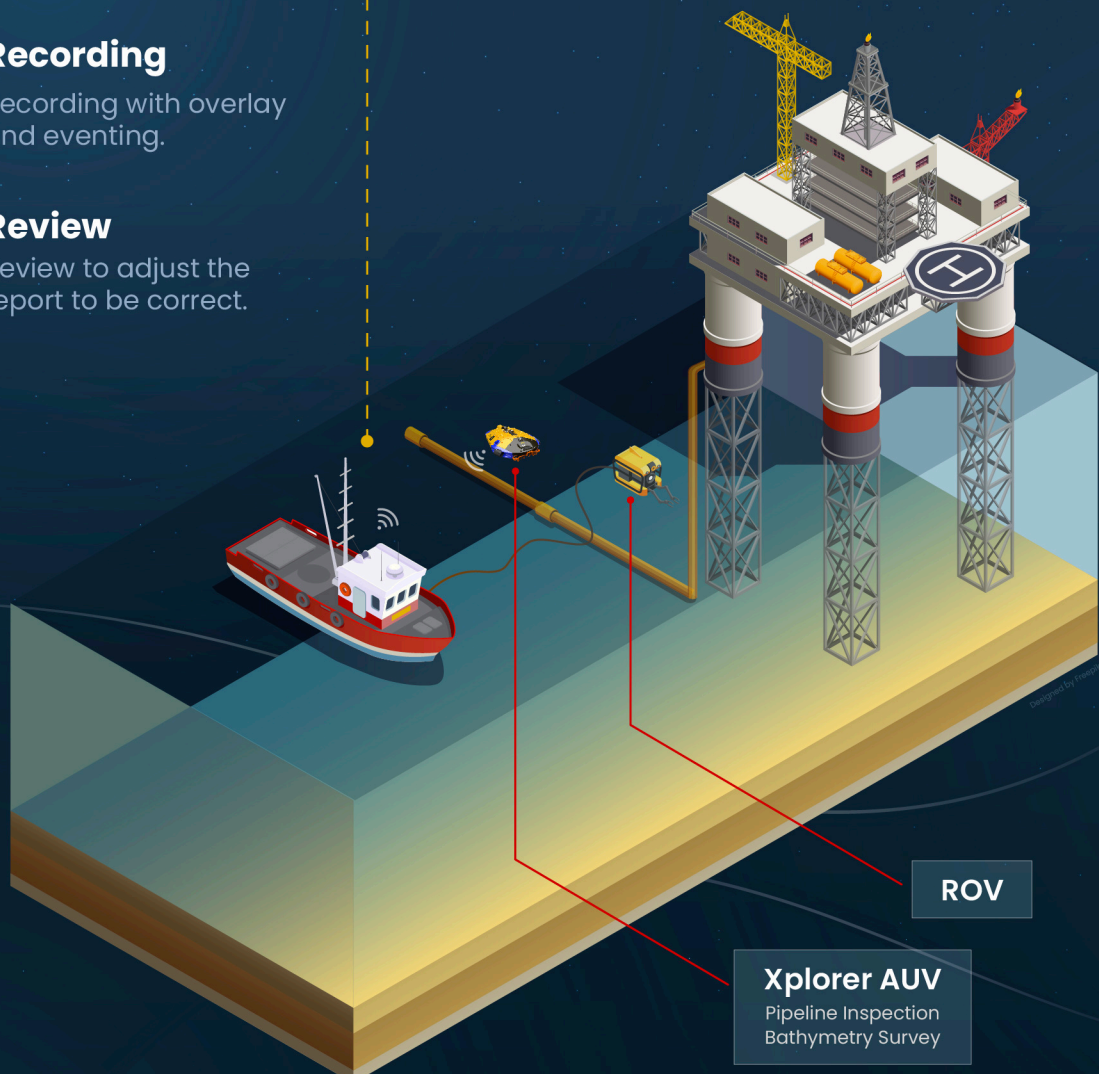


Review

Review to adjust the
report to be correct.



**Client
Asset Owner**



ROV

Xplorer AUV

Pipeline Inspection
Bathymetry Survey

Why Xspector ?

REAL-TIME REPORTING

Real-time reporting enables clients to identify and address problems swiftly. By receiving immediate alerts or notifications when anomalies or exceptions occur, clients can take prompt action to mitigate risks, resolve issues, and minimize the impact on their subsea assets.

WEB-BASED APPLICATION

A web-based platform can be accessed from anywhere, allowing users to access the data from various devices such as desktops, laptops, and tablets without the need to manually install updates.



The Xspector is an in-house software specifically designed for the management of projects and data of inspection missions (pipeline & structure inspection, seabed survey, etc.).

A SINGLE PLATFORM

A single platform allows for centralized management of various processes, systems, or tools seamlessly, and maintenance and updates are more efficient than managing multiple software solutions.

INSPECTION OF ASSETS ASSISTED BY ML

In-house Machine Learning (ML) model was developed to analyze videos and detect anomalies on subsea pipelines (Anodes, debris, etc.) to speed up the inspection process and improve its accuracy.

Key Features

FEATURE	LITE	STRUCTURE INSPECTION	PIPELINE INSPECTION
<i>Record features</i>			
4 Channel Recording	✓	✓	✓
Video overlay	✓	✓	✓
Mic recording	✓	✓	✓
Edit layout	✓	✓	✓
Backup storage	✓	✓	✓
Snapshot	✗	✓	✓
Eventing	✗	✓	✓
3D	✗	✓	✓
IP Serial input	✗	✓	✓
<i>Replay features</i>			
Video and Audio playback	✓	✓	✓
Offline eventing	✗	✓	✓
3D point cloud	✗	✓	✓
Import processed data	✗	✗	✓
Survey table	✗	✗	✓
Plan view graph	✗	✗	✓
Side view graph	✗	✗	✓
Cross profile graph	✗	✗	✓
3D Cross profile	✗	✗	✓
<i>Report features</i>			
Real-time report	✗	✓	✓
On cloud report	✗	✓	✓
Client dashboard	✗	✓	✓
Export to CSV	✗	✓	✓

Get in touch



Rovula is a resident of ARV, PTTEP's technological venture builder, with expertise in subsea IRM technology enhanced by AI and Robotics, as well as one of Thailand's leading companies with AI and Robotics capabilities. We are a service provider of intelligent underwater solutions and are focusing on innovating in the AI and Robotics landscape. We believe in our added-value solutions that are cost-effective, risk-free, and efficient.

ROVULA(THAILAND)CO.,LTD

Vanit Place Aree Floor 25
304, Phahonyothin Road, Samsen Nai, Phaya Thai, Bangkok



SALES@ROVULA.COM



WWW.ROVULA.COM



[ROVULASUBSEA](https://www.facebook.com/ROVULASUBSEA)





An end-to-end solutions for subsea IRM platform enhanced by advanced AI and Robotics technologies providing cost efficiency and safer operation