

Support for Industry and Oil & Gas

INNOVATIVE CUSTOMIZED SOLUTIONS

xenia[®]
SOFTWARE SOLUTIONS



Xenia solutions maximize companies performance through better information and integrations, more efficient operations and personalized services. Its experience with the major **Oil & Gas** and **Manufacturing Industries** makes the company a preferred partner for innovative services, thanks to its strong technical skills and expertise in different operational areas and industrial sector processes.

With fast time to market, Xenia provides the best solutions developed with innovative technologies to satisfy its customer's needs: **Machine Learning, Artificial Intelligence, Computer Vision** and **Image Based Localization** are used to provide advanced tools to increase safety at work in potentially dangerous environments and improve workers efficiency.

Here a brief overview of the solutions.



Virtual Remote Control

Augmented Reality remote assistance enables product experts to visually guide and collaborate with field technicians.

The solution enables workers to gain necessary data, documents and instructions in real-time through Mobile-Access Edge Computing and improves their efficiency. It allows to anchor notes in order to give key information related to specific maintenance session. Notes can be shown to each technician acting on the field.

The result is an important reduction of reaction times and travel costs for experts who no longer need to be present in the places where maintenance is carried out.

Pipes

Pipes is an artificial assistant able to support industrial operators with advanced features that improve efficiency and safety at work.

The solution is based on the use of a wearable device (AI Wearable Assistant) which allows employee to receive information and indications in Mixed Reality about objects to be used and operations to be carried out (Object Awareness Computing) in different work sessions in a secure way.

The artificial assistant uses innovative Computer Vision and Machine Learning technology algorithms in order to support employees engaged in technical works in the field.

Future Evolution: Training, Action Anticipation, Internet of Things technologies.





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