

JOINTASSIST

Quality controlled electrofusion pipe jointing with seamless data capture and inspection services for leak free networks

Electrofusion fittings, known for their high strength and reliability create, are an essential part of pressurised pipe networks for the safe transportation of water and gas. Installation of these fittings requires stringent quality processes to be followed throughout the weld cycle to ensure leak free and reliable installation. JointAssist is an advance and integrated quality assurance platform enabling enhanced data management and quality control for the necessary steps in the creation of leak free networks. Using the integrated smartscan technology ensure the correct welding parameters are applied and that full traceability of materials is recorded.



Poor installation of electrofusion fittings can result in premature leaks in water and gas distribution systems, leading to water loss, consequential damage, environmental concerns and potentially more serious health and safety considerations. JointAssist addresses this by ensuring fusion welds are completed 'right first time' from the outset by alerting or intervening to ensure critical non-conformities are not commissioned.

FEATURES & BENEFITS AT A GLANCE:

JointAssist is designed to drive quality assurance on pipeline construction projects, both large and small, providing quality assurance outputs for asset owners and contractors alike. The app is widely used in the utility sector for connecting polyethylene pipes in various applications, including gas distribution systems, water supply networks, sewage and wastewater systems, industrial piping, stormwater management, and agricultural irrigation systems.



Data capture

- Evidence of compliance to ensure industry standards and manufacturer installation procedures are followed
- Provides key efficiency data – helping identify areas for additional training or improvement
- Key asset and quality data captured, such as GPS location, weather conditions, traceability information and operator



Smartform compatibility

- Customisable project information can be captured and tailored to client needs



Quality assurance over data assurance

- JointAssist is proven to improve quality and reduce premature failures



JointManager from Ovarro platform

- All collected data is viewed on the JointManager web platform
- Report and alerts generated from the system automatically



Integrated technology

- Integrates with industry leading welding technology from a host of leading manufacturers



Behavioural improvements

- Remote inspection and AI interventions help ensure non-conformities are identified and rectified before commissioning



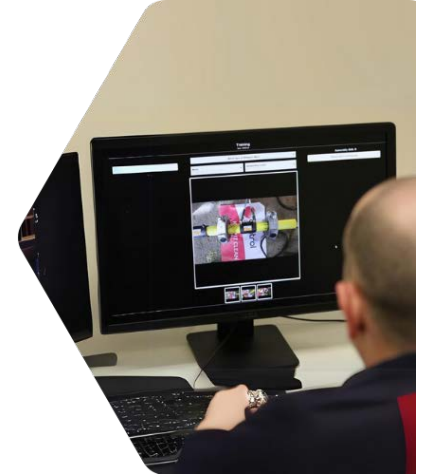
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Ovarro believes data capture is only part of the story. That's why we've meticulously tested JointAssist to drive the right on-site behaviors, eliminate leaks and improve efficiency. The app is already being used by several tier one contractors and asset owners who have benefited from improved efficiency and eliminating leaks.

APPLICATIONS

If your organisation is involved in the construction of pipework and ancillaries that require an electrofusion joint to be achieved, then JointAssist will bring this data to life. Large or small projects benefit from its flexible data capture methodology and evidence provided to contractors, clients and asset owners to ensure the highest standards of quality, first-time.

In addition, if you currently use JointManager from Ovarro for other site data, this information can be linked and reported into project completion packs, adding another layer of efficiency.



SUSTAINABILITY

JointAssist plays a crucial role in reducing environmental impact by ensuring the integrity and reliability of electrofusion joints. By accurately capturing and analyzing data, JointAssist helps prevent leaks that could lead to environmental contamination, water loss, or hazardous gas emissions. The platform's SmartScan technology ensures the correct materials are used, minimizing waste and supporting sustainable practices in pipeline construction. Additionally, by enhancing the durability and efficiency of utility networks, JointAssist contributes to long-term sustainability, making it an ideal solution for companies committed to environmental stewardship and responsible resource management.



EASE OF USE

JointAssist streamlines electrofusion pipe joint management with an intuitive interface that integrates seamlessly with on-site equipment. Real-time data capture, SmartScan technology, and GPS tracking simplify operations, enabling efficient material management and compliance with industry standards. This ensures quality control and enhances operational efficiency with minimal effort.

Ovarro recommends that end users receive EUSR training to build a strong foundation in electrofusion joint assembly. We provide this training, guided by the principle that true skill comes not just from knowing what to do, but understanding why it's done. This philosophy is at the heart of all Ovarro training programs.

SUITABLE APPLICATIONS:

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