



ARDI-VE

ASSET RELATIONSHIP & DATA INTEGRATOR - VIRTUAL ENVIRONMENTS

ARDI-VE gives you a new perspective on your operations – focusing on your assets and the data inside them!

Explore your plant with complete freedom, looking exactly at equipment in a simple, immersive method while learning more about it.

WHAT IS ARDI-VE?



ARDI-VE is a visualisation platform that takes your big data and uses it to create an interactive three-dimensional, virtual representation of your plant that responds to both live and historical data.

ARDI-VE has several features proven to give you a deeper understanding of your plant and equipment. With ARDI-VE, it is possible to:



VIEW 360 DEGREES



UNDERSTANDING BETTER



INTERACT & EVALUATE



COMPARE & TEST



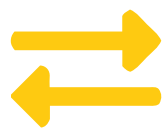
SHIFT TIME



REPLAY EVENTS



**EXPLORE ASSET
RELATIONSHIPS**



**COMPARE ASSET
PROPERTIES**

SEE THE FULL PICTURE

ARDI-VE provides a simple interactive tool to that gives you a perspective that usual systems, such as SCADA, cannot.



Understand and compare big data easily. Create a 3D version of your plant that you can view from any angle and at any scale – see the full picture!

ARDI-VE BENEFITS

ARDI-VE provides an advantage when understanding your plant and equipment. You can see how process variables are changing across your operations, inspect specific circuits for faults, travel back to a previous point in time to compare data and play back an event in slow motion to watch an error unfold. With a 360-degree perspective of your plant, possibilities are endless.

The power to compare data enables you to make better informed decisions, and in turn ensures your plant is utilising its resources efficiently and performing at its optimum level. ARDI-VE allows you to evaluate variations in your operations between times, actual and predicted outcomes, simulations and more.

ARDI-VE can help your organisation in several ways, including:



COST-EFFECTIVE

Unlike traditional interactive 3D modelling, ARDI-VE provides an in-expensive and non-time-consuming service.



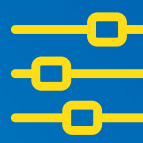
MINIMAL USER SKILL

Specific skill sets not required or needing continued updating. Training and support provided to get your team up and started.



REDUCE DOWNTIME

More information exactly when you need it means better decisions and faster diagnoses.



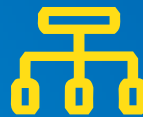
MAKE IT YOUR OWN

You can change and expand your ARDI-VE system easily, add and edit assets as you need to.



INCREASE AWARENESS

ARDI-VE improves on the limitations in traditional systems gaining awareness i.e. searchable, control perspective, asset context, and past events.



INTRA-ORGANISATIONAL UNDERSTANDINGS

Big data is easily understood across the organisation with greater engagement from managers to front-line.



IMPROVE COMMUNICATION

As an effective communication and collaboration tool, users can exchange knowledge and information freely.



SAFETY & COMPLIANCE

Be assured your staff work safely and in compliance with company and legislative standards.



3D LIBRARY & CUSTOM MODELLING

You can access premade models from our 3D library, add your own or we can provide custom modelling.



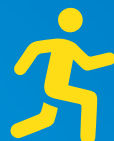
POWERFUL TRAINING TOOL

Create process training modules, training staff in exactly how your plant works. They are easily updated with interactive features for better learning.



PREDICTIONS & SIMULATIONS

Compare data to predicted or simulated data. Diagnose faster, prevent breakdowns and optimise performance.



INCREASE INDEPENDENCE

One source for all your information makes your staff more independent and efficient.



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