

Virtual Environments

New Process Perspectives



As It Really Is

Virtual Environments are 3D, interactive versions of your facilities that react to your process data.

They allow you to bridge the constantly growing gap between understanding your **process** and understanding your actual **plant**.

The ARDI core can consolidate process data from a number of sources to provide a true snapshot of your process state, both right now or at any point in your recorded history.

You have complete freedom to view your system from any perspective. You can look through walls or underground. You can see through pipework into the pressure or flow passing through, see the current in your wires, or pass right into normally dangerous areas of your plant in safety.

You can visually compare your data with simulated, predicted or ideal results, instantly highlighting potential issues and giving you their on-site location.

Virtual Environments are the ultimate tool to provide knowledge of both the state and the construction of your process.

Search for an asset and immediately discover its location on-site.

Understand your information by seeing it in-context - you can effortlessly compare hundreds of data points when they are presented clearly in 3D.

See how each of your assets are connected - you can even walk through your relationships to follow every input and output from a given piece of equipment.

Plan work by locating both the equipment to be worked on, and each of the isolation points needed to prepare for your work.

Step back through time - either play back an alarm at a snails pace, or quickly review an entire shift in a 30-second playback.

Visually compare the differences between contexts - show how you've varied from your predictions, simulations or best-case scenarios.

Actual
LIVE
DATA
Com



Australian Designed & Developed
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