



IOTA VUE

## Graphics Integration & Migration Suite

**Extend visibility. Preserve control. Modernize without disruption.**

Your control room visuals are more than screens, they're operational intelligence. IOTA ensures they continue to deliver value as your systems evolve. Whether your displays run in control networks or modern data platforms and decision-support systems like process historians, IOTA connects and modernizes them securely, seamlessly, and on your terms.

### Unify Every Source of Insight

IOTA VUE brings together graphics from across your operations, from control to cloud.

Supported Sources:

- **DCS Systems:** Emerson DeltaV, Honeywell Experion
- **SCADA Systems:** Mitsubishi Electric Iconics, Weatherford CygNet
- **Visualization Tools:** AVEVA PI Vision & PI ProcessBook

Each source presents unique challenges. IOTA eliminates silos through automated import, secure live rendering, and data enrichment, creating a single environment for trusted, enterprise-wide visibility.

## 1. DCS / SCADA Systems – Extend Control-Room Investments

### The Challenge

DCS and SCADA systems are the heartbeat of industrial operations, environments that must remain focused and free from non-operational distractions. Additionally, monitoring and diagnostics centers are emerging as Centers of Excellence for operational and maintenance expertise.

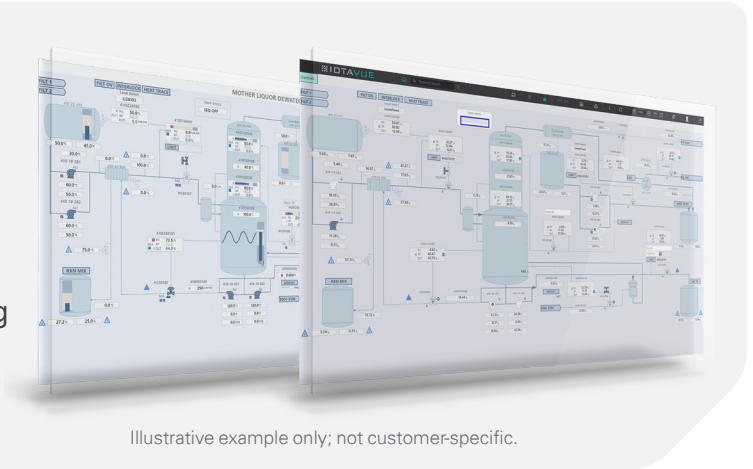
### The IOTA Solution

IOTA brings these systems into a unified, modern environment without disrupting control operations. Using IOTA's Live Rendering Driver and Migration Utility, customers can centralize graphics from multiple control systems within IOTA VUE, preserving their original fidelity while making them accessible across teams beyond individual control rooms.

### + Customer Spotlight

#### Chemical Manufacturing

When a global chemical manufacturer upgraded to DeltaV Live, they used IOTA to bring their control graphics into a single, accessible platform. By centralizing displays through IOTA VUE, they preserved operator-trusted visuals while extending secure visibility to engineers and analysts. The result was improved collaboration, enhanced mobility, and faster access to critical information.



## 2. Visualization Tools – Modernize Legacy Displays

### The Challenge

Tools like PI Vision and PI ProcessBook have long been central to visualizing process and historian data, but maintaining multiple, disconnected systems limits efficiency. Rebuilding thousands of displays manually is costly and time-intensive, and switching between tools disrupts workflow and slows insight.

At the same time, organizations are modernizing their data infrastructure, often moving from legacy historians to platforms like Cognite Data Fusion (CDF). This shift introduces additional complexity in how existing displays connect to underlying data.

### The IOTA Solution

IOTA's Migration Utility automates the conversion of existing graphics into native IOTA VUE dashboards. Familiar layouts are preserved, giving teams a consistent user experience while unlocking modern advantages such as multi-source data viewing, mobile accessibility, and enhanced visuals.

As part of this process, IOTA enables configurable data source remapping. Graphics originally bound to systems like PI can be seamlessly reconnected to modern data platforms such as Cognite Data Fusion, Aspen InfoPlus.21, or other enterprise sources. Using flexible mapping logic and model alignment, IOTA preserves tag references, asset context, and data relationships while eliminating the need for manual rework.

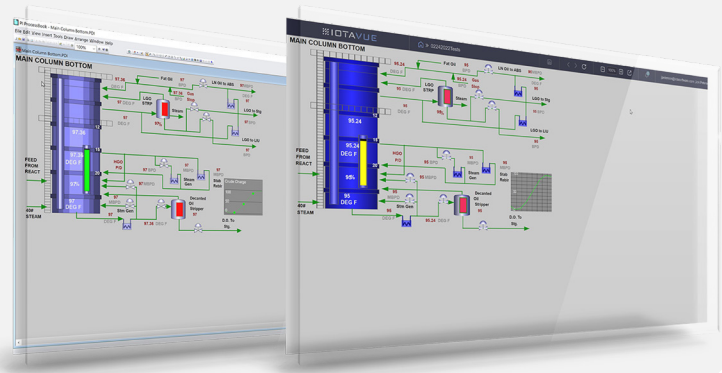
The result is a streamlined path to a unified, modern environment, where displays and data are aligned and remapped to your future-state architecture.



## + Customer Spotlight

### Downstream Oil & Gas

At a North American refinery, IOTA modernized existing visualization environments by transforming legacy dashboards into IOTA VUE displays. Operators and engineers can now view historian and sustainability data side by side, gaining unified visibility and faster access to critical information across operations and maintenance teams.



Illustrative example only; not customer-specific.

## 3. Multi-System Integration – Bring It All Together

### The Challenge

Enterprises rarely rely on a single visualization source. They need a unified environment for DCS, SCADA, and historian displays.

### The IOTA Solution

IOTA VUE serves as the central hub for visual continuity. The Live Rendering Driver mirrors active control-system graphics; the Migration Utility converts legacy files into modern, interactive dashboards, all within one secure platform.

## + Customer Spotlight

### Petrochemical

A global petrochemical producer used IOTA to consolidate graphics from multiple systems, including DCS and historian platforms, into a single interface. Engineers can now view process and performance data together, enabling faster collaboration and supporting a more efficient path toward digital transformation.



Illustrative example only; not customer-specific.

## Preserve. Extend. Modernize.

IOTA bridges the gap between control and enterprise, empowering industrial teams with unified, secure visualization. It preserves decades of engineering investment, extends real-time visibility safely across teams, and enables modernization that is secure, interactive, and delivered at your own pace.

*The IOTA Graphics Integration Suite combines the Migration Utility and Live Rendering Driver under one unified framework, connecting every visual asset from control to cloud.*



Seamlessly bridge the past and future of your operations with IOTA.

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