

Apps Ecosystem

# Twinzo connector



Streamline MES data transfer to a 3D Digital Twin.

## Overview

Streaming large volumes of data from an MES to a 3D Digital Twin, such as Twinzo, has traditionally been a complex and inflexible process. Twinzo Connector is a dedicated application designed to simplify this process, providing an

easily configurable solution for transferring critical data such as Overall Equipment Effectiveness (OEE). By streamlining data connectivity, this application enables manufacturers to harness the full potential of Digital Twin technology.

## Key Features

- **Seamless Data Streaming:** Efficiently transfers key performance indicators from MES to Twinzo's 3D Digital Twin environment.
- **User-Friendly Configuration:** Simplifies setup and management of data streams with an intuitive interface.
- **Selective Metric Transmission:** Enables users to customize which metrics to send, ensuring controlled and relevant data flow.
- **Flexible Data Control:** Users can enable or disable specific data streams as needed for tailored insights.
- **Real-Time Synchronization:** Ensures up-to-date and accurate representation of operational data in Digital Twin.
- **Scalable Integration:** Supports expansion and adapts to evolving manufacturing needs and digital transformation strategies.

## Benefits

- **Simplified Implementation:** Reduces the complexity of integrating MES data with a Digital Twin.
- **Enhanced Decision-Making:** Provides real-time insights that improve operational efficiency and strategic planning.
- **Optimized Data Utilization:** Enables a more selective and efficient approach to data streaming.
- **Accelerated Digital Twin Adoption:** Lowers technical barriers, encouraging faster adoption of 3D visualization technology.
- **Greater Business Value:** Enhances operational transparency, leading to improved performance and cost efficiency.

## Minimum Requirements

Workload	vCPU	Clock Speed	Memory	Disk Storage	Version
MES	50	2+GHz	128GB	*	> 10.2.5
Connect IoT	1	*	64GB	*	> 10.2.5
Twinzo connector	6	2+GHz	8GB	100GB	1.0

\*Please check this documentation for further information on optional volumes configuration:

<https://help.criticalmanufacturing.com/systemrequirements/application-layer/applicationlayercontainers/#persistent-storage>

## Supported Browsers

Operating System	Supported browsers
Android 6.0 or later	Google Chrome
Linux ARM	Chromium
Microsoft Windows 8 / 8.1 / 10 / 11 (32 or 64-bit editions)	Google Chrome / Microsoft Edge
macOS	Google Chrome