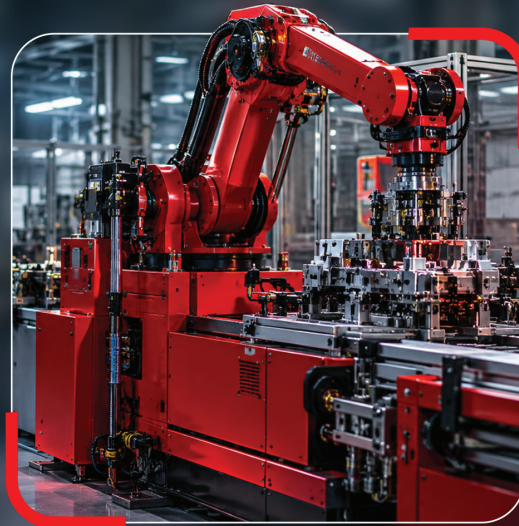




See What the Floor Can't Show You Yet.

Digital Twin Studio creates virtual representations of your assets and production lines, connected to live operational data. Teams can monitor equipment, test proposed process changes, anticipate likely failures and track performance before anything changes on the physical floor



AI Accelerator · Digital Twin Studio

At A Glance

Connected to Live Data

Each twin is fed by live telemetry, so it reflects how your assets are running today.

Scenario Analysis

Teams can examine a process change and its likely effects before committing to it.

Predictive Failure Insight

Live telemetry and predictive analytics point to equipment that may need attention soon.

The Challenge

A 3D model can show what an asset looks like, but it cannot tell you how that asset is running right now, what would happen if you rebalanced the line, or which piece of equipment is likely to need attention next. As a result, many process changes are still tested directly on the physical floor, and equipment failures are often discovered only after they have already happened.

Our Approach



Asset-Level Digital Twins

Individual assets linked to live telemetry to support monitoring and predictive-failure analytics.



Line-Level Digital Twins

Production lines represented virtually for monitoring, scenario simulation and performance analytics.



Scenario Simulation

What-if analysis that shows the implications of a process change before it is made on the floor.



Predictive Operations

Monitoring and failure prediction designed into the twin from the start, so issues surface earlier.



Product & Engineering Twins

Extending into product-behavior simulation, engineering-change analysis and virtual product verification.

Why It Matters

Most operations teams have plenty of data about their equipment, but it rarely comes together in a way that lets them test an idea safely or spot a problem while it is still forming. Digital Twin Studio brings that information into one virtual view of each asset and line, so engineers and plant managers can try a process change and understand its likely effect before anything is touched on the floor. Because the twin stays connected to live telemetry and the wider enterprise, what it shows can feed straight into maintenance planning and everyday operational decisions.



Ferfier is a specialist services provider for the mobility and manufacturing industries, integrating deep domain expertise from chip-to-cloud to help OEMs and manufacturers navigate the shift to software-defined mobility and intelligent manufacturing. For more information write to info@ferfier.com