Pointerra3D

Transport

Create functional Digital Twins

Leverage IoT Sensors for Smart City Integration

Assess Asset Condition and Monitor Change

Improve Safety & Transportation Efficiency

Underpin Digital Engineering and Design

Integrate Critical Business Systems

The Problem

Transport Authorities are responsible for the safety and efficiency of the networks they manage. These environments are dynamic and in a constant state of change so managing all of the data in real time is challenging. The organisations managing these systems need to ensure the safety of commuters, passengers and pedestrians whilst providing an effective road or rail network that allows the movement of people and freight as efficiently and safely as possible.
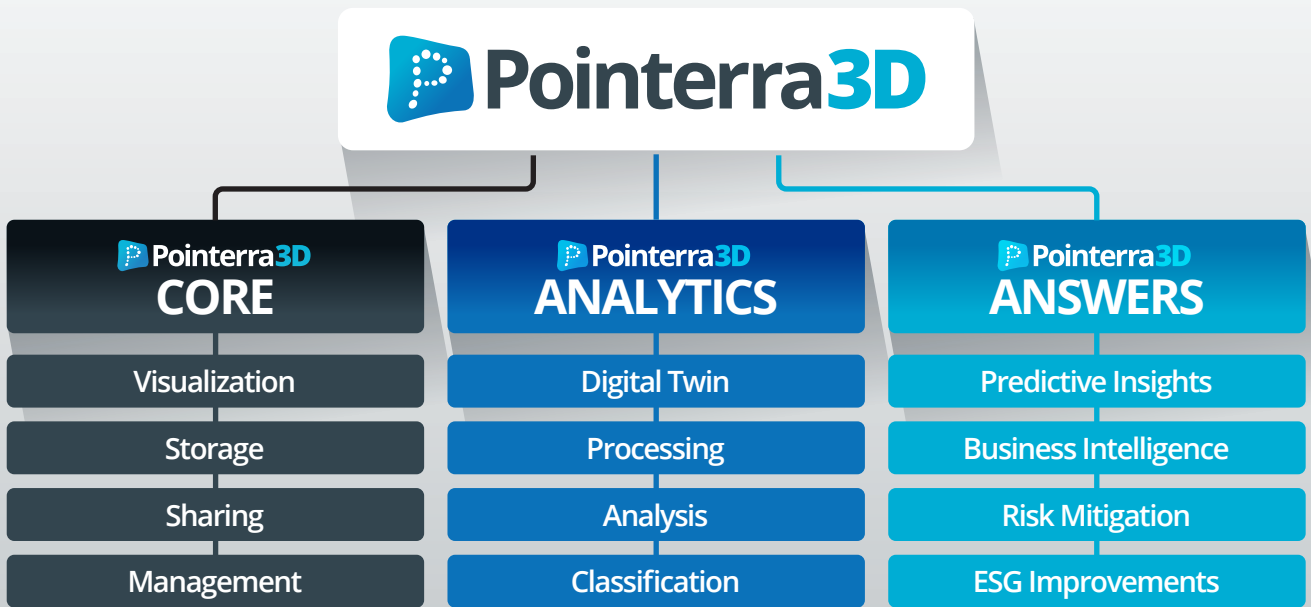
The Solution

The production of an accurate and maintainable Digital Twin is fundamental to solving the challenges faced by Transport Authorities around the globe. Pointerra3D provides the Common Data Environment in which to store, analyse and visualise all data relating to the asset. Automated routines build asset databases, assess conditions and monitor changes to maintain the spatial fabric of the Digital Twin.

Pointerra3D's API integration with critical business systems provides a 360 degree view, allowing for proactive issue identification to support preventative maintenance programs and early stage issue identification.

Simply *faster.*

The **Pointerra3D** product has three components, each with a different suite of features and capabilities. Depending on the specific requirements of your company, we can offer the full stack of Core, Analytics and Answers or just the Core and Analytics bundle.

Pointerra3D

Pointerra3D **CORE**	Pointerra3D **ANALYTICS**	Pointerra3D **ANSWERS**
Visualization	Digital Twin	Predictive Insights
Storage	Processing	Business Intelligence
Sharing	Analysis	Risk Mitigation
Management	Classification	ESG Improvements

Use the full stack of **Pointerra3D** Core, Analytics and Answers to solve the challenges faced by Transport Authorities around the globe.

Pointerra3D Benefits

Maximizing Your ROI

Create and Maintain Digital Twins	Exploit Full Data Values	ESG Improvements
Virtualize Inspections	Secure Data Assets	Shrink Workflows
Parameterize Risk	Predict Future Performance	Optimize OPEX & CAPEX
Visualize Performance	Real-Time Reliability Metrics	Remote Inspection & Management

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