Techolution AOS Platform

SOLUTION BRIEF

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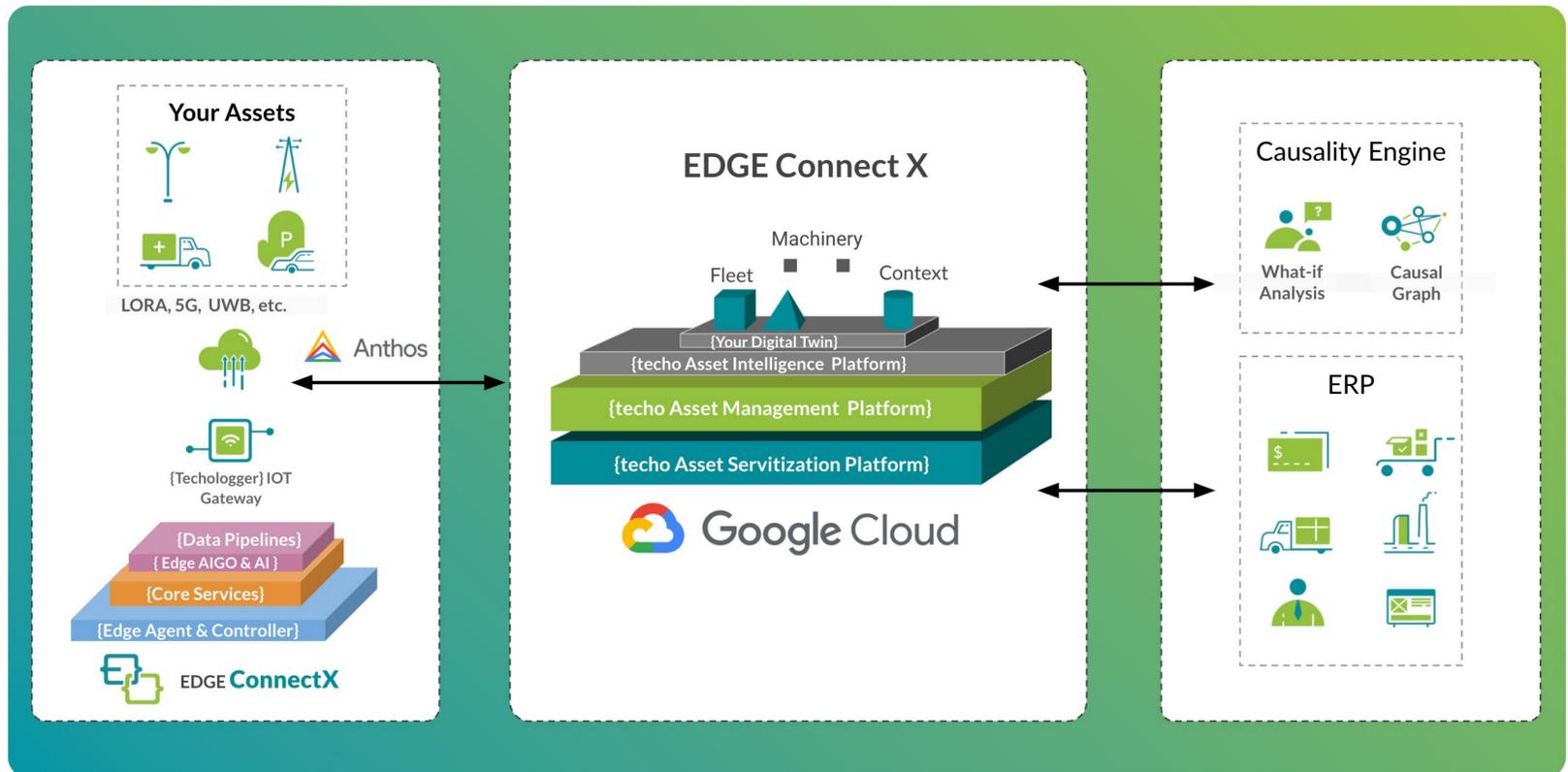
Taking your business to the cloud and beyond!

Asset Optimization Solution platform combines Edge, AI/ML & Causal digital twin as a unique end-to-end IoT business solution!

AOS Platform - a powerful end-to-end solution to extract business value from your IoT investments

Salient Features

- Techolution's EdgeConnectX facilitates easy provisioning and management of applications, data pipelines and services at the Edge in a framework agnostic way

- Our Asset Servitization sub-platform will help turn your discrete products and equipment into a subscription SaaS service is a short time

- Our digital twins is the home of AI & ML modules that support asset monitoring at the Edge or in the Cloud

- Unique CAUSAL digital twin finds the CAUSES given the EFFECTS (surface IoT measurements). If we know the real causes of issues in an operating machine, we can prescribe the right actions to solve it at the root level.

- Our AOS platform integrates into the customer ERP system for executives to visualize the operational value of IoT in real-time.

> **Derive business value quickly from your IoT investments using Techolution's AOS Platform!**

Product Differentiators

- Provides both equipment and process virtualization to visually change and gauge the impact of a change to the asset and the deployment context (e.g process line, etc).

- Configurable set points to determine the impact of a change by replicating it in Digital Twin.

- In built asset management platform to provide a complete overview of assets and processes.

- Domain agnostic product. Easily customizable based on domain specific needs.

- On- demand, no code windowing stream analytics functionality.

- EdgeConnectX integrated solution to leverage edge capabilities.

- The only IoT platform which enables you to find the root cause of behaviours using causal digital twins.

- Cloud native solution. It can run on public cloud, private cloud or on-premise environment.

- SOC2 compliant for security standards.

Service Differentiators

- Preferred partner with Google cloud for Edge ecosystem

- Partnership with various Industry consortiums and experts to address domain specific challenges.

- End to end expertise from device connectivity to AI/ML implementations

- Zero touch deployment and automatic infrastructure sizing based on the need.

- High velocity product delivery for quick time to market.