

IoT Asset Monitoring: POC

Let People Tech Group show you how to overcome challenges in lowering costs and deploying resources efficiently. Implement real-time monitoring and predictive maintenance of assets to reduce downtime and extend equipment lifespan. Address labor shortages by automating routine tasks, enhancing process integrity with continuous oversight, and ensuring regulatory compliance. Streamline operations to optimize resource allocation, leading to more efficient use of energy and materials. Transform these challenges into growth opportunities and stay competitive in a dynamic market environment.



Deliverables:

- Real-time monitoring and predictive maintenance of assets, and reduction of downtime & extension of equipment lifespan.
- Automation of routine tasks to address labor shortages and enhancement of process integrity with continuous oversight.
- Ensuring regulatory compliance and Optimization of resource allocation for more efficient energy and material use.
- Transformation of challenges into growth opportunities to stay competitive.

Closing the Loop: IoT Data Collection, Data Analysis, Actionable Insights, Optimizing Asset Performance and Ensuring Regulatory Compliance

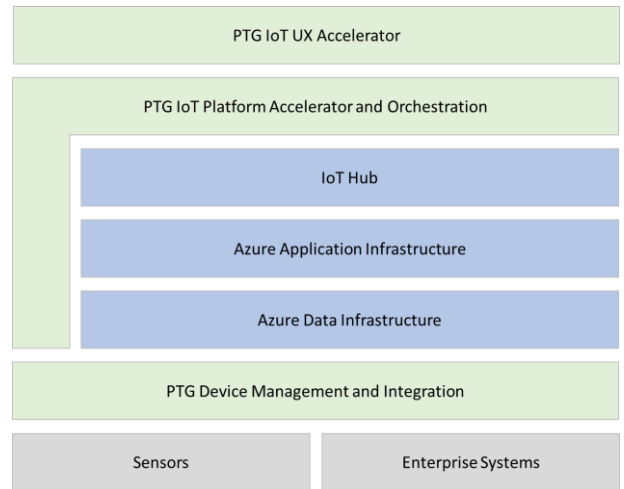
Our solution:

Our comprehensive IoT solution seamlessly integrates a low-code software layer with leading hardware partners, offering tailored operational optimization. Equipped with wireless and easily deployable sensors, our solution enables swift customization to meet your specific needs, ensuring efficient performance.

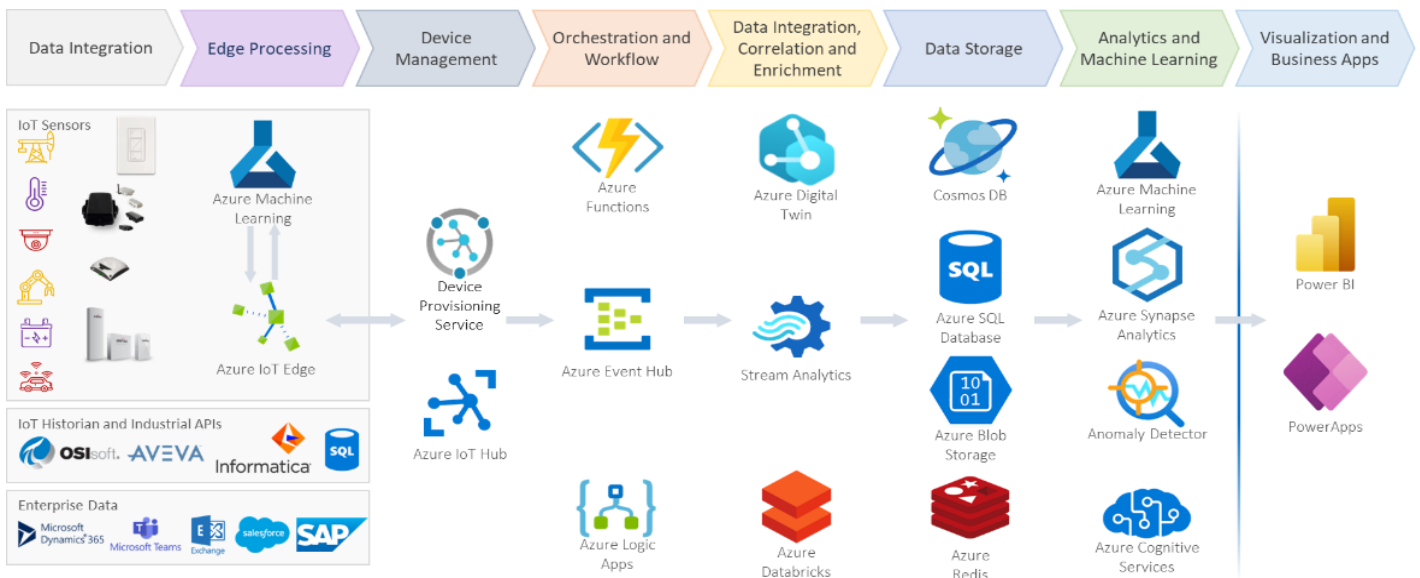
Leverage our accelerators for the rapid development of digital twins, data models, device management, and user interfaces, accelerating your digital transformation journey with streamlined solutions.

Experience rapid deployment and robust hardware integration with our solution, complemented by role-based access and seamless integration into your existing operations, workflows, and alert systems. Enjoy enhanced efficiency and flexibility through our innovative low-code approach.

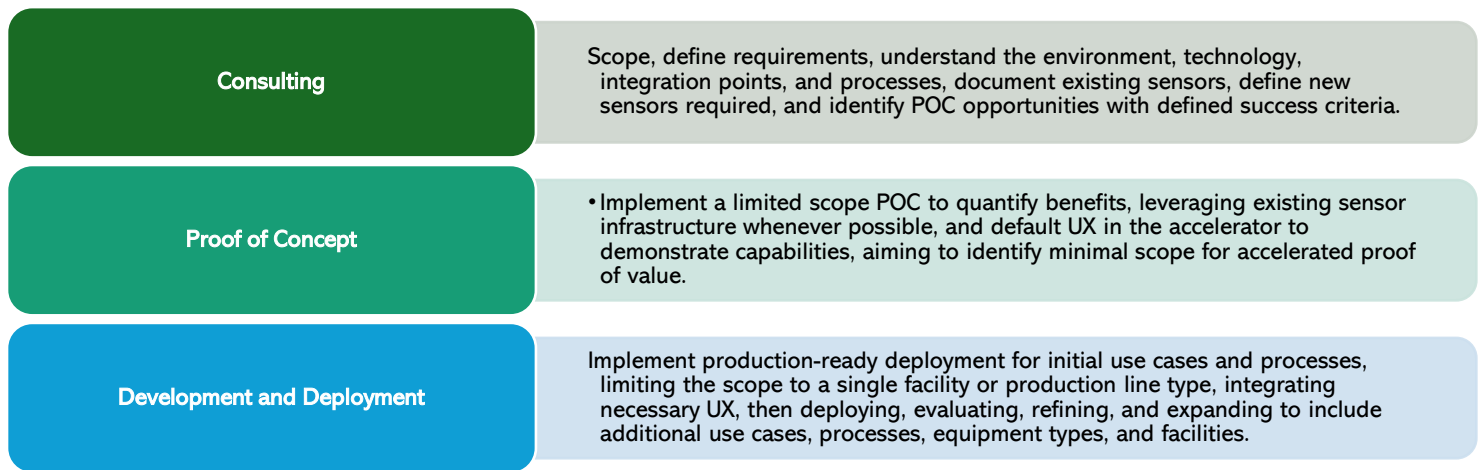
Architecture



Cloud Components



The Solution Delivery Approach:



Engagement Timeline



CASE STUDY:

Washington State Investment Board: Data Warehouse Re-Build

Company: Washington State Investment Board (WSIB)

Challenge:

WSIB relied on a legacy on-premises data warehouse (ANOVA) that was no longer meeting their needs, required high maintenance, lacked flexibility for reporting, and had expensive hardware reaching end-of-life.

Solution:

People Tech helped WSIB build a flexible, cloud-based reporting solution tailored for their agency. The new system provided a solid data foundation, greater reliability, availability, and capacity to accommodate WSIB's data growth and analytics needs.

Results:

- Enhanced data analytics and reporting capabilities with improved reliability, availability, and scalability.
- Reduced overall cost of ownership compared to the legacy on-premises system.
- Addressed limitations of the previous system, enabling better decision-making and operational efficiency.

Through this data warehouse modernization project, WSIB transitioned from its outdated legacy system to a modern, cloud-based solution better suited for its evolving data and analytics requirements.