Microsoft Azure IoT and Machine Learning Solutions.

By VENZO

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One Pager.

Modern IoT and Machine Learning.

We help companies automate, monitor, and plan future maintenance needs for key critical assets and components based on latest algorithms & cloud technology.

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Our approach to Modern IoT and Machine Learning.

01 Envisioning

– We help you to identity and prioritize the cases relevant for predictive manufacturing and maintenance.

– We work closely with technical specialists to translate their knowledge into data and IoT models.

02 Assessment

– We map your data setup and structure and work to understand your existing surveillance alarm software.

03 Model development

– We help set up data pipelines and data platforms to build & scale your future models.

– Together with you, we co-create 5 - 15 surveillance models based on historic, real-time data and IoT devices.
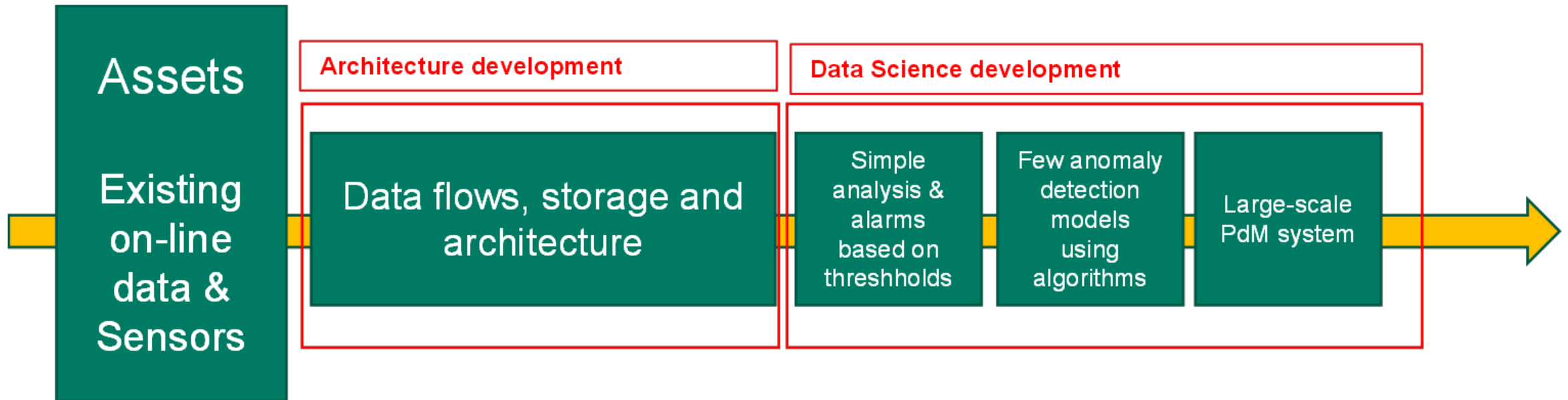
04 Training

– Together with you, we understand how your maintenance staff and engineers wish to interact with the new alarms & models – through existing tools or new webportal.

– We train staff to understand & manage surveillance models and ensure successful product take-off.

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VENZO's Approach

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Modern IoT and Machine Learning - Presentation.

Microsoft Azure IoT And ML solutions

Driving Business Objectives with Modern IoT

Whether you need help with smart facility management, to predictive maintenance, or make use of connected machinery, VENZO is ready to help realize your IoT ambitions.

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Sensor-based Data Models and Predictions.

Harvest Sensor Data

– As IoT has matured, more and more devices are connected and the ability to harvest sensor data and build predictive models is easier than ever.
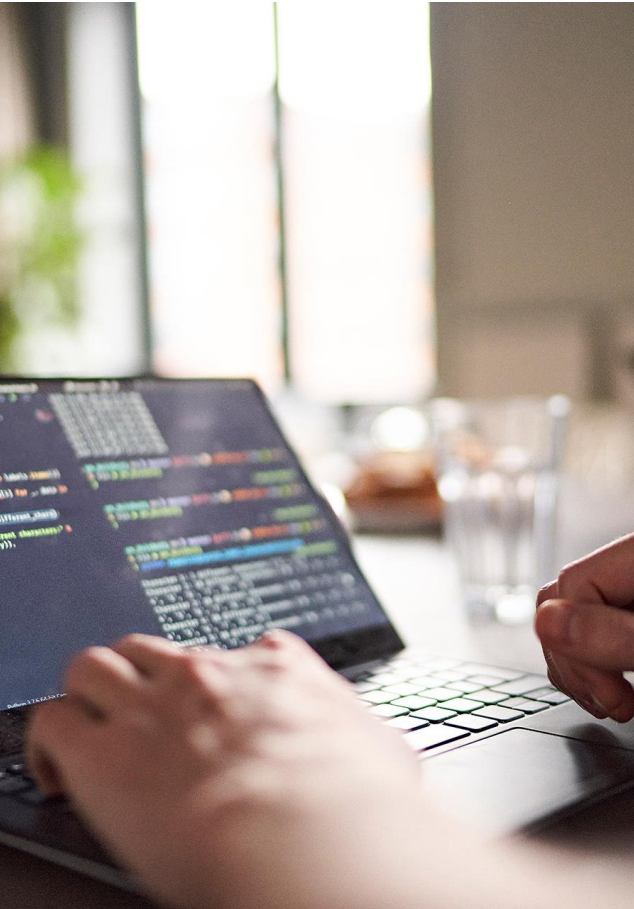
Reduce Time to Value

– Reduce time to value dramatically by leveraging the device connection, data ingestion, data storage with machine learning methods.

IoT Scenarios

– Facility management / smart buildings

– Connected vehicles

– Predictive maintenance in manufacturing and heavy assets

– Connected health using wearables

– Smart agriculture

– Supply chain

– Future retail

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IoT and custom surveillance models.

Models designed specifically for manufacturing and production

– We help companies automate & plan surveillance needs such as predictive maintenance solutions for key critical assets and components based on the latest algorithms, cloud technology and our client's domain knowledge.

– We help effectively combine engineering knowledge with the application and understanding of latest cloud technology.

– By harvesting existing cloud services and cloud technology, we can quickly, and cost effectively create surveillance tools.

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Using predictive maintenance models, VENZO helps you to leverage existing IoT devices and real-time data to monitor and predict abnormal behavior of your assets and machinery.

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Benefits of asset surveillance with IoT.

Safeguard

– Helps safeguard against production downtime by alerting you on potential forthcoming breakdowns before they occur

– Understand your asset behaviour with the help of cloud technology and custom algorithms

Optimize

– Increase performance and up-time of assets

– Reduce the need to hire additional staff to do asset surveillance, planning and maintenance

Drive Opex

– Reduce the cost of repair before real damage sets-in

– Be better to forecast your maintenance budget and asset production time

Thank you.

We are looking forward to the next meeting!

For questions about our services or approach, please reach out to hello@venzo.com or your Microsoft Account Manager.

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