



# RealSIGHT

*IoT Governance for your production plant*

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# Centralize data collection & gain real-time insights on production processes inside a unique web portal

*Use a universal data acquisition, analysis and visualization tool to monitor, study and implement proactive & reactive actions on production process, quality & energy management, and maintenance procedures*



## CHALLENGES

*The hurdles manufacturing plants are facing are varied: starting from gaining real insights on huge quantities of data and the interconnection between legacy and IoT devices, to maximizing process improvements with the help of advanced analytics and ML tools.*

## IDEAL SOLUTION

*The ideal solution should provide powerful data ingestion & processing components able to manage high frequency data streams, support daily production processes while exploiting the full potential of AI technologies and advanced analytics tools inside a collaborative and secure environment.*

## DESIRED OUTCOMES

*beanTech's RealSIGHT harmonizes data coming from all sources (both field automation & enterprise Systems) in one unique ecosystem. The Solution conveys Users a unified experience in a unique and highly secure web portal and is completed by dedicated Products focused on Process, Quality, Energy & Maintenance.*



## RealSIGHT

*Adopt a highly scalable and secure infrastructure to centralize data from a wide variety of sources.*

1

### SELF-SERVICE BI

*Intuitive UI for dashboards and analytics creation with no technical knowledge required*

2

### INTEGRATED VERTICAL MODULES

*Transform the collected data into concrete advantages for your business with predictive models & advanced analytics tools*

3

### SCALABLE INFRASTRUCTURE

*Based on Microsoft Azure Services, the Solution components can be either be kept on-prem or live in the cloud.*

# BeanTech Srl presents RealSIGHT based on Microsoft technologies

*RealSIGHT technological stack is deeply linked to Microsoft state-of-the-art technological components: from data collection and big data streams management to ML algorithms deployment and native Cloud services Microsoft and beanTech can help your production plant to get one step above competition, by giving your business the right tools for high scalability, best adaptability and maximum flexibility.*

## SCALABILITY

*beanTech RealSIGHT's infrastructure can be kept on-prem or live in the Cloud thanks to Azure HCI Stack and Azure Cloud Services.*

## ADAPTABILITY

*beanTech RealSIGHT adapts to a wide variety of data sources thanks to its native integration with Microsoft Azure IoT Edge.*

## FLEXIBILITY

*beanTech RealSIGHT is powered by Azure Synapse Analytics to extract added value from your data through ML model management.*



# Customer success: Volteco Spa – Plant end-to-end governance with RealsIGHT

*A unique product, a unique plant and very delicate raw materials represent a truly remarkable complexity.*

*Given the variables involved, we realized that an approach based solely on traditional skills and our know-how was not enough to achieve our goals. We needed a paradigm shift by leveraging all existing information to govern the production process, sensing that new digital technologies would enable us to overcome certain critical issues and greatly accelerate the learning process.*

*We needed a technological partner capable of implementing these new technologies by adapting them to our business. Thanks to beanTech we found a strategic partner able to guide us on this path. We joined forces and integrated our skills with theirs and created a plant supervision system that, thanks to the adoption of AI, allows us to understand where to intervene in advance both to control the final quality of the product and for the maintenance of critical plant components.*

*Alberto Fedalto – ICT & Digital Transformation Manager, Volteco Spa*

## TECHNOLOGICAL ENABLER

*“We needed a technological partner capable of implementing these new technologies by adapting them to our business”*

## PARADIGM SHIFT

*“We needed a paradigm shift by leveraging all existing information to govern the production process [...]”*

## APPLY AI TO YOUR PLANT

*“[...] thanks to the adoption of AI, allows us to understand where to intervene in advance both to control the final quality of the product and for the maintenance of critical plant components.”*

# Collect your Data with beanTech's RealsIGHT

*For more information:*

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