DTWay
DIGITALIZING BUILDINGS

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DTWay is a company focused in the digitalization of buildings and generating value from it's data to their owners and users. We use IoT technology and big data tools to find insights from the data, increasing the sustainability of the building and related business and preparing the infrastructure that will enable future digital processes to occur.

Issues Faced

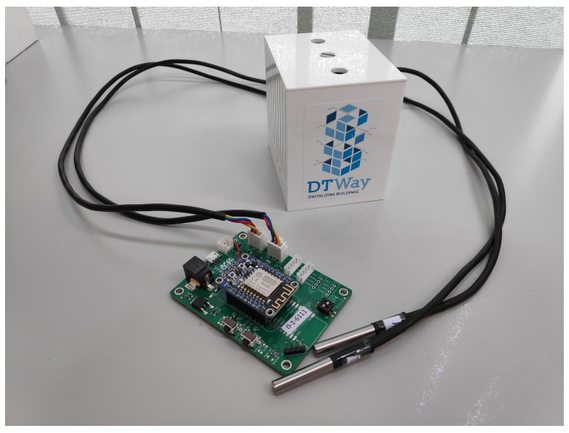
Lack of interoperability of data sources and inadequate sensor network.
Poor management and processing of the data produced inside a building.
Lack of a strategy for providing a digital framework for future digital processes to occur within a building.
Difficulty quantifying operating and life-cycle costs for systems

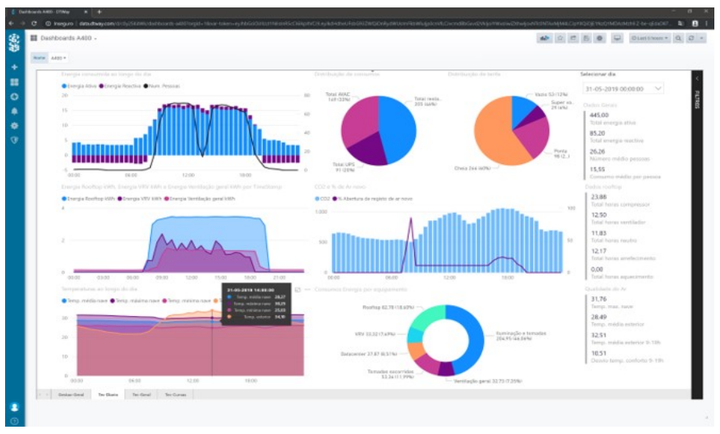
Key Objectives

Provide a building digitalization service organizing and processing the data gathered.
Extracting value from the data gathered to ensure return on investment for the required digital infra-structure.
Prepare a digital twin of the building that can be used for existing and future digital processes

Main Results

Development of a cloud based data and building control management system
Development expanded sensor network for air quality and energy monitoring.
Delivery of a energy management service that uses static data (Building information modeling), telemetry (BSM and sensors) and bussiness (ERP) that generates value to support the digitalization of the building.





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