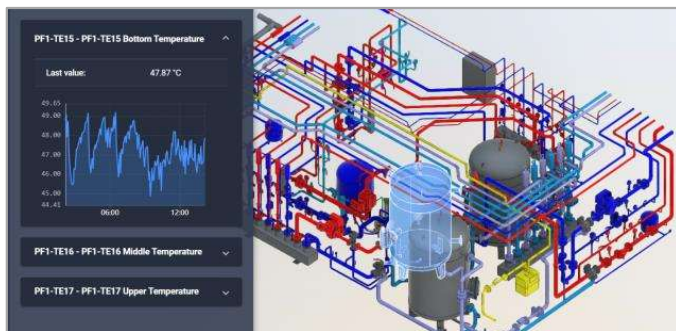# HiPerWare: Addressing the Modern Challenges in the Real Estate Industry

The industry is evolving rapidly, focusing on 4 key initiatives:

- Reduce operational costs, energy consumption and make buildings "green"
- Achieve transparency and manageability of building operations - transforming a building from a "black box" to a "transparent" one
- Collect and analyse granular big data for reporting, ESG and Sustainability initiatives to comply with the industry regulatory requirements, e.g., European Sustainability Reporting Standards (**ESRS**), Corporate Sustainability Reporting Directive (**CSRD**)
- Create a digital trail of building operations – similar to a car's "service log book", which also increases the property value by 10-15%

HiPerWare - an end-to-end IIoT platform that combines hardware, software, BIM, digital twin, and big data analytics. Solutions based on HiPerWare ensure energy efficiency and high-performance operations, as well as making budlings fully transparent and manageable.

HiPerWare addresses the current industry challenges

Affordable, quick, and non-intrusive big data collection of building's processes, even in old and "not shiny" buildings

Advanced deep analysis (ML, rules and expert-based) of behavioral patterns to prevent equipment failures and inefficient processes
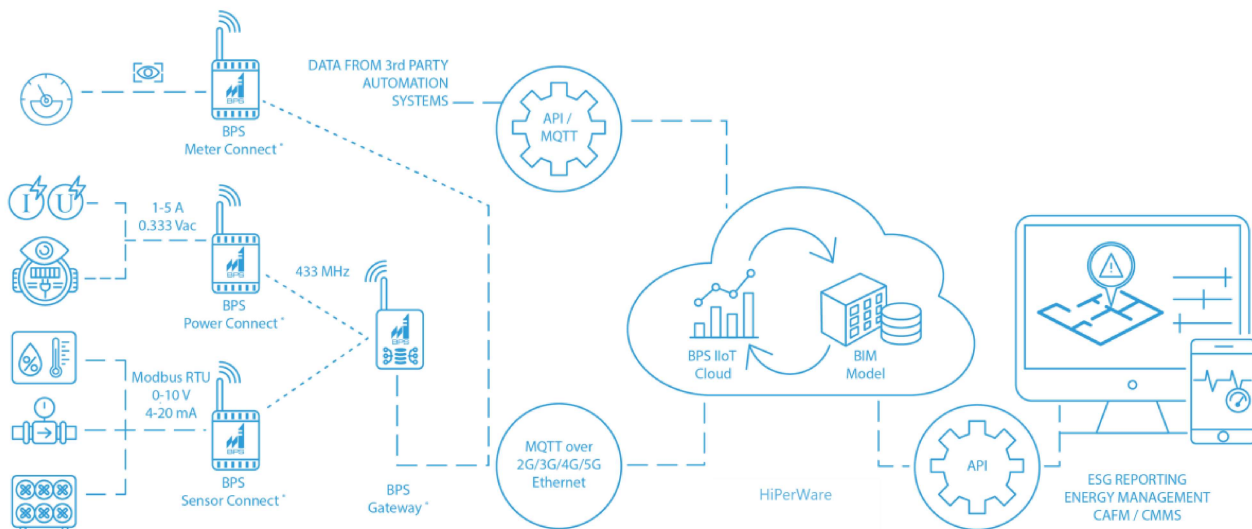
Complete digital twin of the building for in-depth analysis, process optimization and streamlined navigation to reduce costs and energy consumption

Detailed digital trail of technical operations and granular reporting for effective management of real estate asset

The HiPerWare platform enables

- ✓ Simple and non-intrusive Big Data collection, including import and export, in any existing building with hours instead of days or weeks
- ✓ Creation of digital trail of operations for analysis and reporting by means of data visualization and data collection from various utility systems
- ✓ Early problem notification based on big data operations patterns. Identified anomalies can be found at www.hiper-it.com/content-hub
- ✓ Integration with BIM, 360 photo panoramas, P&I and single-line diagrams for simplified analysis and on-site navigation

HiPerWare's hardware allows non-intrusive data collection from any utility system