

Press Release

aedifion Whitepaper: Digital Transformation as a Strategic Success Factor for the Sustainable Preservation of Asset Value

- Whitepaper presents digital strategies for resilient and value-stable real estate portfolios
- Participation of renowned partners: Deepki, Drees & Sommer, Green Fusion, ROM Facility Solutions, German Facility Management Association (gefma), and PHOENIX CONTACT

Köln, 11/20/2025 – Cologne-based PropTech company aedifion has published a new white paper titled “Securing the Future, Preserving Value – How Companies Are Turning the Digital Transformation in Existing Buildings Into a Strategic Success Factor.” The document shows institutional owners, investors, and asset managers how to purposefully deploy digital technologies in light of rising energy prices, tightened ESG requirements, and new regulatory mandates to make their real estate portfolios more sustainable, efficient, and resilient. In this context, efficiency gains through digitization are not just an added advantage, but a critical factor for profitability, sustainability, and regulatory compliance.

Digitization as an Enabler for Sustainable Building Performance

The whitepaper examines the digital transformation of buildings from three perspectives: WHY – why it is indispensable, WHAT – which technological prerequisites it entails, and HOW – how it is already being successfully implemented in practice. aedifion first systematizes the central technological fields of action for digital building intelligence: from IoT connectivity and data availability to cloud architectures and AI-based building operations. The focus is on an integrated digital building ecosystem, in which real-time data and advanced technologies interact seamlessly via a central cloud platform.

Interdisciplinary Expertise United

The whitepaper was created in collaboration with partners Deepki, Drees & Sommer, Green Fusion, ROM Facility Solutions, German Facility Management Association (gefma), and PHOENIX CONTACT. Their perspectives broaden the scope of the topic, providing hands-on insights into sustainability, operational efficiency of existing buildings, digital facility management, and the energy optimization and flexibility of buildings in the future energy system.

Dr.-Ing. Johannes Fütterer, CEO of aedifion GmbH:

“In our white paper, we demonstrate with leading partners that digitizing existing buildings is a decisive factor for sustainable, valuable real estate that generates stable returns. Our goal is to provide owners, investors, and asset managers with strategic guidance and technological knowledge in this highly relevant and currently feasible field.”

The whitepaper is now available for download at:

<https://www.aedifion.com/en/whitepaper>

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About aedifion

Based in Cologne, aedifion is a PropTech company with more than 100 employees and operates Germany's leading software solution for optimizing building operations. At the core of this technology is an AI-based cloud platform that reduces energy consumption, CO₂ emissions, and operating costs of buildings by up to 40 percent. The plug-and-play solution collects real-time operational data, identifies malfunctions, provides clear recommendations for operational optimization, and autonomously regulates building operations based on live data such as weather forecasts and user behavior. An additional solution for dynamic electricity cost optimization connects buildings to the energy market and adjusts energy procurement from the grid or on-site generation according to current electricity prices. The company combines engineering expertise with a comprehensive portfolio of solutions for optimizing building operations, targeting asset managers and asset owners who seek to increase the value of their properties and quickly and easily align their portfolios with ESG requirements.

More information: <https://www.aedifion.com/en>