

TPEX International

Welcome to TPEX International, where innovation meets efficiency in the realm of smart building operations. As a leading Digital Building Operator, and subsidiary of EDGE Technology one of the most innovative real estate developers in the world, we are dedicated to transforming buildings into high-performance assets that are sustainable, secure, compliant and efficient. TPEX was the first building operator to recognize the need for a changed approach to smart building operations.

While at the core of our business for long, building operations for modern smart buildings require a different skill set and approach to building management. Building management needs to change from a time based and keep the light working approach to a fully transparent data driven and predictive approach. Our approach is supporting continuous optimization in energy performance and tenants' comfort, as well as disclosure of data for all European compliance and ESG reporting.

We offer more than the traditional building management, which is primarily focused on the systems that come by default with a building. Think about systems for power distribution, light, HVAC for heating, cooling, air quality and elevator systems. In the common approach these are primarily management by individual third parties, in which the overall management of those parties is organized through asset management companies.

Modern buildings include all of those traditional systems as well as many additional technologies. IoT networks that provide more sensors than ever, including those for extensive air-quality, people counting, occupancy and dispenser systems. Power distribution that is now a much more complex system than it was ever before. Power distribution now includes several sources, like the grid, PV systems, maybe battery as well as many other drains, like the building, EV chargers, power storage etc. Other than a few main power meters, now each floor and specific functions, like a kitchen, lab's etc. may have their own metering. Such modern buildings require a digital building operator like TPEX.

Our Vision

At TPEX, we envision a future where buildings are not just structures but self-maintained intelligent ecosystems that are grid interactive (autonomous buildings) that enhance productivity, comfort, and sustainability. Our mission is to turn every building into a high-performance building through cutting-edge technology and unparalleled service, whereby TPEX provides the autonomous building infrastructure based on real time digital twins, control and self-learning technology.

Smart Building Operations

TPEX offers a complete suite of smart building technologies and services, designed to meet the diverse needs of building owners and asset managers. Our solutions include:

- ✓ Robust system integration and management of daily operations.
- ✓ Our Smart Control Room provides round-the-clock active monitoring of all building systems, including sensors, IP backbone, and building management systems, security management systems and access control.
- ✓ This proactive approach guarantees optimal performance and lower operational costs.
- ✓ Leveraging AI and autonomous systems, we optimize building operations in real-time, enhancing energy efficiency and occupant comfort, building security and employee safety.
- ✓ Our intelligent systems analyze data to drive predictive maintenance and energy optimization.
- ✓ We help businesses digitally transform their buildings using IoT, digital twins, and smart tagging systems.

Benefits of TPEX Smart Building Operations

Choosing TPEX means embracing a future of smart, sustainable, and efficient building operations. Our business case is strong as it earns itself back, by reducing your add-hoc maintenance and energy costs, over ours. Our services offer numerous benefits:

- ✓ **Energy Efficiency:** Reduce energy consumption and operational costs through intelligent energy management and optimization.
- ✓ **Sustainability:** Increase sustainability and well-being scores, contributing to a healthier environment and improved occupant satisfaction.
- ✓ **Security and Compliance:** Ensure building security and regulatory compliance with our comprehensive management services.
- ✓ **Wellbeing and Enhanced Productivity:** Create a comfortable and productive environment for occupants, leading to higher productivity and satisfaction.

Why TPEX?

TPEX stands out in the industry due to our commitment to excellence and innovation. Our holistic approach to smart building operations ensures that all technology within a building works together seamlessly to achieve long-term objectives. With TPEX, you can expect:

- ✓ **Expertise and Experience:** Our team of experts brings years of experience in smart building technology and operations.
- ✓ **Collaborative Partnerships:** We work closely with maintenance parties and technology providers to deliver integrated solutions.
- ✓ **Customer-Centric Approach:** We prioritize the needs and goals of our clients, offering tailored solutions that drive success.

Conclusion

Join TPEX International in revolutionizing the way buildings operate. Embrace the future of smart building technology and experience the benefits of a high-performance building. Contact us today to learn more about our services and how we can help transform your building into a smart, sustainable, and efficient asset.