



MEDIA KIT

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Introduction

At ProptechOS, we've been guided by the belief that the internet's evolution already addresses many real estate challenges. Early on, we recognized that the Internet of Things (IoT) could transform buildings into intelligent, self-organizing systems that communicate and collaborate in real time. This vision led us to develop ProptechOS, a platform that redefines how buildings interact with each other and the wider smart city, making them active participants in a dynamic, sustainable urban ecosystem.

About us

Vision: Our vision is to change the world of proptech, creating a dynamic and integrated ecosystem where users can seamlessly merge applications, hardware, and data with their buildings. In essence, we envision a future where buildings are not just structures but intelligent platforms in harmony with the larger platform of the city.

Mission: " Make buildings good inhabitants of the smart city. "

The story behind ProptechOS

ProptechOS emerged from our deep experience in data platforms and collaboration with Vasakronan, Sweden's largest property owner. They faced challenges managing and utilizing their data effectively within their existing systems. Our founders, experts in semantic technology and machine learning, recognized the potential to create a universal platform that allows buildings to self-organize and communicate, much like the internet's nervous system. This led to the development of RealEstateCore, an open-source platform that empowers property owners by giving them control over their data and enabling large-scale connectivity.

In 2019, ProptechOS was founded to further this vision. ProptechOS enables buildings to interact with each other and the broader smart city infrastructure, making them integral components of a sustainable and efficient urban environment. Our platform is designed to support the seamless integration of applications, hardware, and data, creating a future where buildings are not just structures but intelligent platforms that contribute to the well-being of their occupants and the city.

The smart city

The smart city is made of a stack of intelligent applications, systems, and devices. Each layer unlocks the one above, and all need to escape their siloed status quo.

- All devices and applications in a building will interact and collaborate.



- Buildings will interact and collaborate. Across property owner portfolios, buildings will transact with each other.
- Buildings will interact with and serve people to improve work, play, and well-being.
- Buildings will interact and collaborate with other parts of the city: the energy grid, transportation, waste, water, public safety, government, and policymakers. We envision the smart city as an ecosystem for sustainability, quality of life, and productivity, with buildings intelligently interacting with each other, people, and the different layers of the future city.

Get to know us:

For a closer look at ProptechOS in action, check out our content and [discover ProptechOS in just 59 seconds here](#).

FAQ

What is ProptechOS?

ProptechOS is a cloud-based platform that integrates real-time data from building management systems and IoT devices to optimize building performance and energy efficiency.

How does ProptechOS improve energy efficiency?

By collecting and analyzing data from HVACR systems and other building operations, ProptechOS identifies opportunities for energy savings and implements optimization measures.

Who can benefit from ProptechOS?

Property owners, facility managers, and real estate developers looking to enhance building performance, reduce costs, and comply with sustainability regulations.

Team Bios

Dr. Erik Wallin, Chief Ecosystem Officer:

Dr. Erik Wallin, the Chief Ecosystem Officer and founder of ProptechOS and RealEstateCore, is a pioneering figure in the development of Building Operating Systems (BOS) aimed at creating smarter buildings worldwide. He holds both an MSc and a Ph.D. in Media and Computer Science from KTH Royal Institute of Technology.

Dr. Wallin's work focuses on transforming real estate portfolios into dynamic platforms for



innovation, analysis, and optimization, all while contributing to the advancement of data-driven smart cities. His active research in semantic technologies underscores his commitment to integrating technology into the fabric of urban development.

Per Karlberg, CEO:

Per Karlberg is a seasoned technology executive with deep expertise in the intersection of real estate and technology. Holding a Master of Science in Industrial Engineering and Management, specializing in Mathematical Modeling and Statistics, as well as a Master of Science in Business and Economics with a focus on Innovation and Strategic Management, both from Lund University, Per brings a unique blend of technical and business acumen to his role.

As the CEO of ProptechOS and a co-founder with five years of experience leading the company, Per has been instrumental in developing the platform's capabilities in optimizing real estate portfolios through advanced data mapping and IoT technology. He is also a co-founder of RealEstateCore, an open-source domain ontology that enables better control of buildings and the creation of new services, contributing to the advancement of smart buildings and smart cities.

Testimonials

Peter Östman, Communication Director, Vasakronan:

"We need these kinds of solutions to get our buildings talking to each other and to create the kinds of smart solutions we want without being locked into someone else's system," says Peter Östman.

"ProptechOS enables us to become part of the smart city of the future."

Egil Brækken, CIO, KLP Eiendom

"Using a few central data sources to analyze our full portfolio for each region gave us fast results of several hundreds of MWh in potential savings yearly with minimal effort – we didn't have to start large-scale integration projects for each building. Instead, we took the data from the source, which is the same data for which we are invoiced."

Additional Resources

For more information, download our logos, product sheets, and [other media assets here](#).



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