

2024 COMPANY PROFILE

GLOBAL AWARD-WINNING BUILDING
INNOVATION IN ENERGY-EFFICIENCY
AND MATERIAL TECHNOLOGY

VIDEN
VAREN+



GET IN TOUCH

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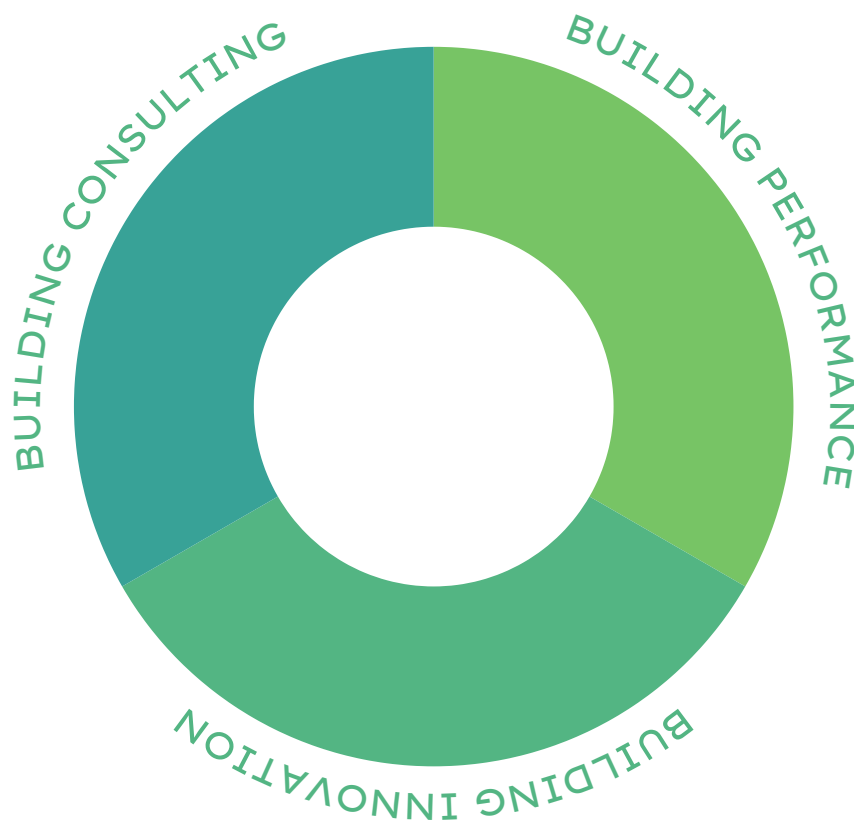
VIDEN
VAREN+



ABOUT VIDENVAREN+

TRANSITIONING TOGETHER TO BETTER FUTURE

Videnvaren+ is a specialist in green buildings and building technology. Our focus extends to assets management, building performance design, monitoring, and assessment. We also engage in Research and Development for greater thermal dynamics, passive design, and the exploration of building materials. Through an integrated approach to architectural solution design, we are dedicated to spearheading the industry's transition towards climate-resilient solutions for the built environment. We are committed to enhance all aspects of building efficiency, contributing to a sustainable future.





VIDENVAREN+ STORY

THE BEGINNING OF BETTER BUILDING

Videnvaren+ was founded by brothers Kolatat and Kongphat Phaiboonnukulkij with a mission to shape a sustainable future for the built environment. By integrating energy and building solutions, we address global challenges such as energy efficiency, climate change, and decarbonization.

Our innovative approach aims to provide building efficiency and sustainability. Recognized as innovator specialists, Videnvaren+ is poised to meet the growing demand for efficient and resilient development in the construction and real estate sectors.

WITH EXPERIENCE FROM INTERNATIONAL COMPANIES

**CORSTORPHINE
+WRIGHT
ARCHITECTS**

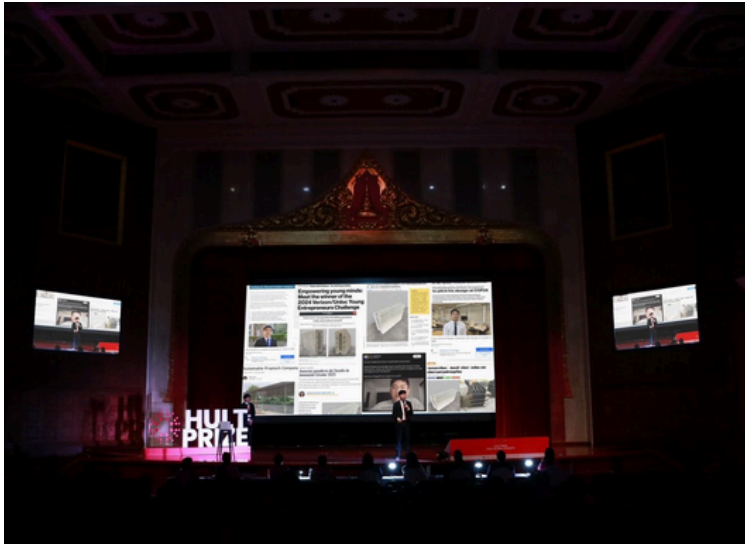
**THE CROWN
ESTATE**

**Schneider
Electric**

 *Passivhaus Institut*

 **CORAL
LIFE**

 **lawray architects**



VIDENVAREN+ SERVICES

ELEVATE YOUR PROJECTS WITH VIDENVAREN+

Offers a comprehensive range of services aimed at enhancing building performance. We are offer to designed and address various aspects of building efficiency, sustainability, and innovation.



BUILDING PERFORMANCE SURVEY

Conducts detailed assessments to evaluate the performance of buildings, focusing on several key aspects.



BUILDING PERFORMANCE CONSULTATION

Provides expert advice and tailored recommendations to improve the performance and sustainability of buildings.



BUILDING INNOVATION RESEARCH

Invest and develop on creating new technologies, materials, and methods expand the boundaries of building innovation.



BUILDING INNOVATION COMMISSIONING

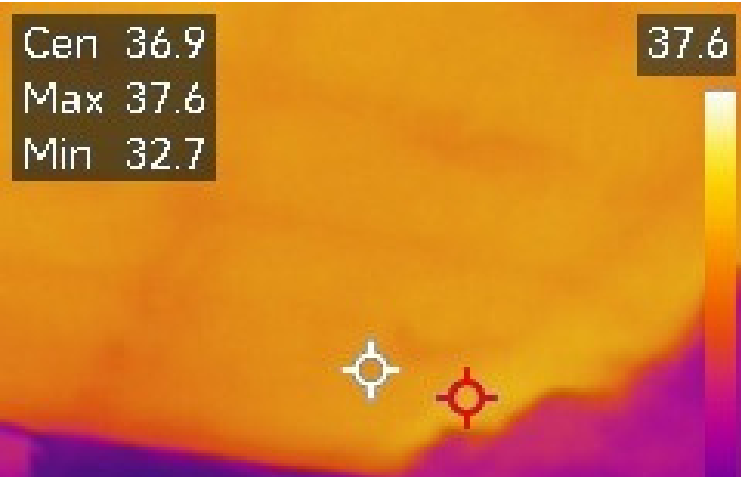
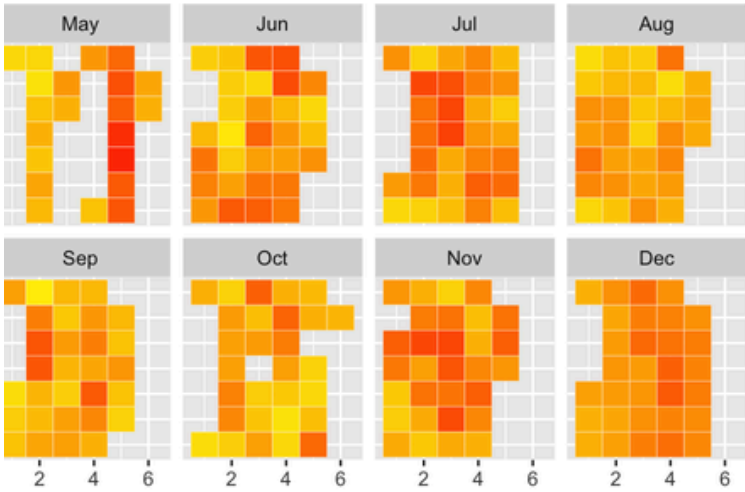
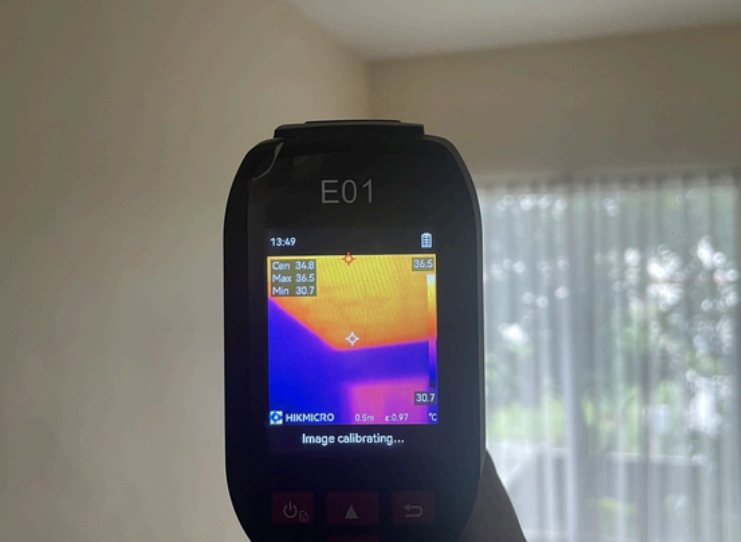
With leading technology providers to integrate advanced systems and technologies into buildings.



BUILDING PERFORMANCE SURVEY

Building Performance Survey encompasses a comprehensive range of performance evaluations and with precise measurements to ensure optimal building performance and occupant well-being. The survey includes advanced monitoring and detection technologies to assess various environmental and structural factors within a building.

| PACKAGE A | PACKAGE B | PACKAGE C |
|--|---|---|
| <ul style="list-style-type: none">• Room-By-Room CO2 Level Monitoring to Check Ventilation.• Detection Of Dust Particles (PM2.5 And PM10) In Every Areas.• Detection Of Volatile Organic Compounds (VOC)• Comprehensive Air Quality Index (AQI) Calculation.• Detailed Report with Test Data and Charts/Graphs | <ul style="list-style-type: none">• High Resolution Infrared Images to Detect Problematic Insulation, Air Leaks, And Humidity.• Identify Thermal Defects in Walls, Ceilings, Floors, Pipes.• 24-Hour Monitoring in Key Rooms with Hygrometer.• Identify Moisture Sources Such as Leaks, Condensation, And Moisture Dissipation.• Measure The Air Flow from The HVAC Vents Using an Anemometer.• Calculated To Indicate the Appropriate CFM For the Room Size.• Included Package A | <ul style="list-style-type: none">• Assess Light Quality Problems Such as Reflections, Shadows, And Temperature.• Sound Level Monitoring to Assess Internal/External Noise Problems.• Test Audio Such as Reverb Time, Reverb, And Transmission Path.• Multi-Metric Soil Test for Ph, Moisture, Temperature, Sunlight Levels.• Identify Problematic Soil Properties That Impede Plant Growth.• Included Package A and B |

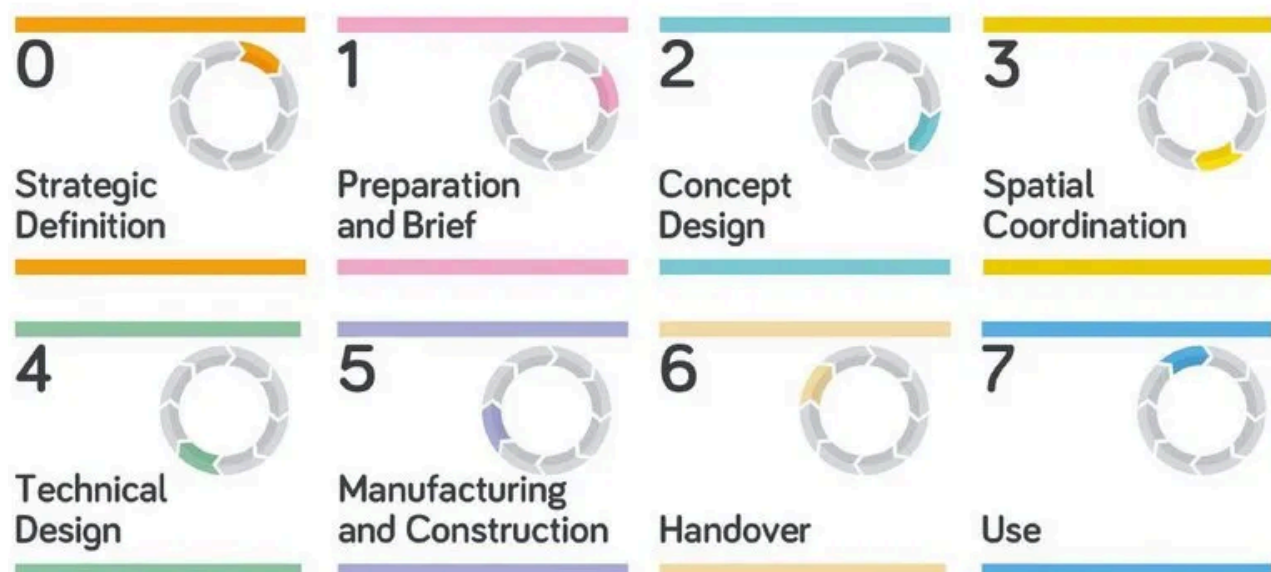


BUILDING PERFORMANCE CONSULTATION

Videnvaren's Building Performance Consultation offers comprehensive support for your building project from start to finish, priced at 10% of the construction cost.

Begin with strategic definition and preparation, working closely with you to define clear objectives and set the foundation for your project. During the briefing phase, VIDENVAREN+ gathers detailed information and develops a comprehensive plan to ensure smooth project progression. Throughout the construction phase, they provide continuous support and oversight, addressing issues promptly to keep the project on track. Upon completion, we will manage the handover process, conducting inspections and testing to ensure all systems meet performance standards. Post-handover, Videnvaren+ continues to monitor building performance, providing ongoing analysis and recommendations to maintain optimal performance.

VIDENVAREN+
BE WITH YOU FROM START
OF YOUR JOURNEY





BUILDING INNOVATION RESEARCH

At Videnvaren+, we are dedicated to pioneering Research & Development and driving innovation within the company. Our ambition is to create a future where buildings are smarter, greener, and more efficient, reflecting our commitment to sustainability and technological advancement. Through Building Innovation Research, we are exploring cutting-edge technologies, sustainable materials, and innovative design approaches that push the boundaries of what's possible in the built environment and property technologies. By continuously innovating, we aim to set new standards in building performance and contribute to a more sustainable future.

WITH SUPPORT
AND COLLABORATION



Component #1

Component Number 1 serves as a pivotal architectural element within an assembly of Interlocking Thermal Bricks. It is designed to be positioned atop a series of these bricks to facilitate the stratification of the structure.



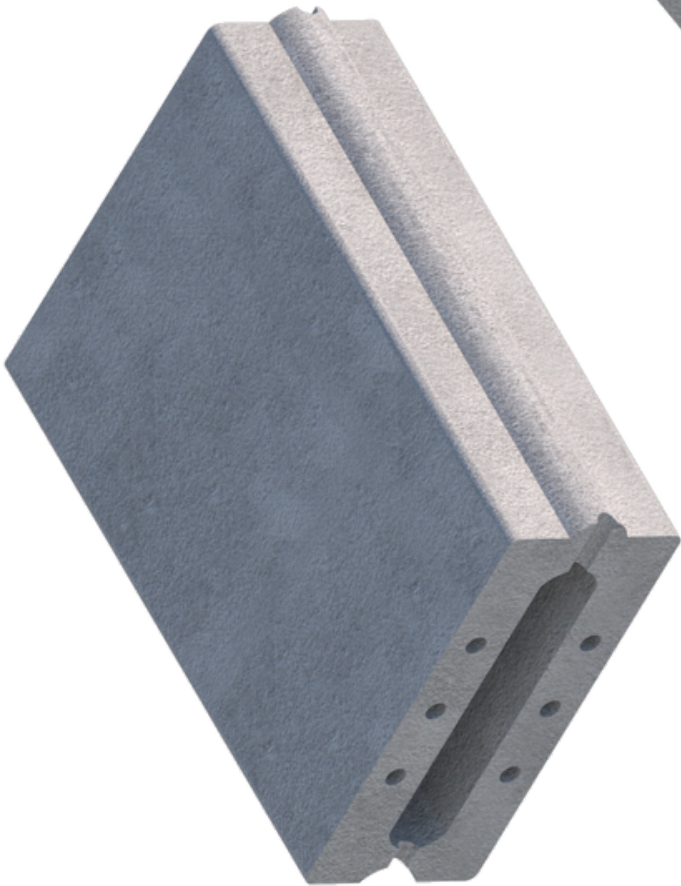
Component #2

Component Number 2 serves as crucial second architectural assembly parts in the set of Interlocking Thermal Brick incorporates a concave semicircular indentation at both its upper and lower regions, serving a dual purpose in enhancing thermal performance.



Component #3

The inventive design of the Interlocking Semi Calcite Passive Brick Component is founded upon principles of fluid dynamics, notably thermal convection. This design strategically places the central airgap and symmetrical semi-circular airgap to create an environment conducive to enhanced convective heat transfer.

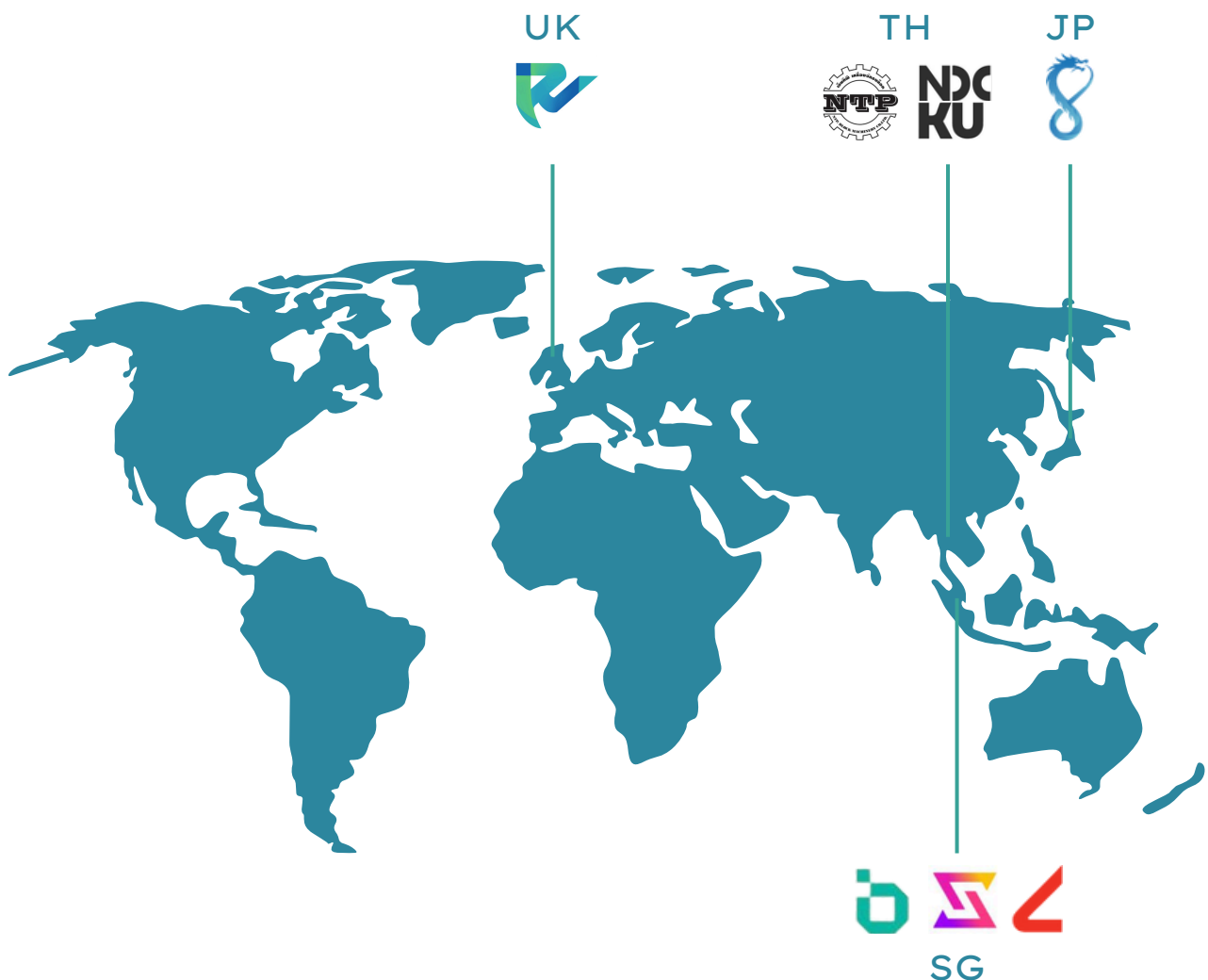


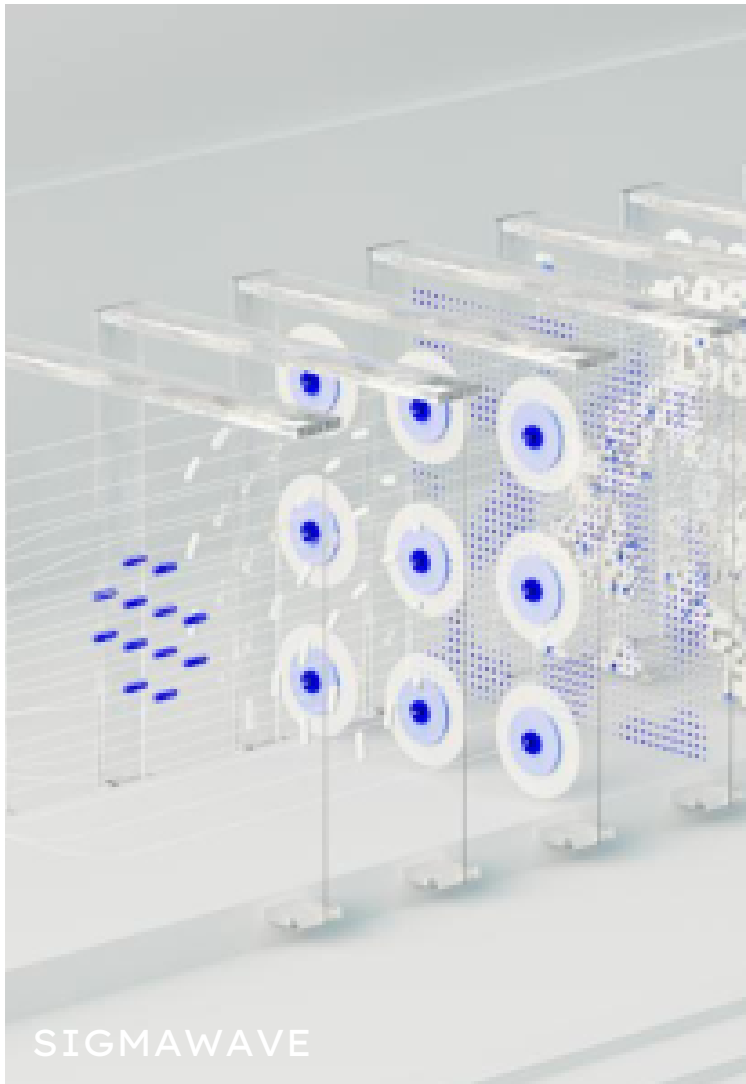
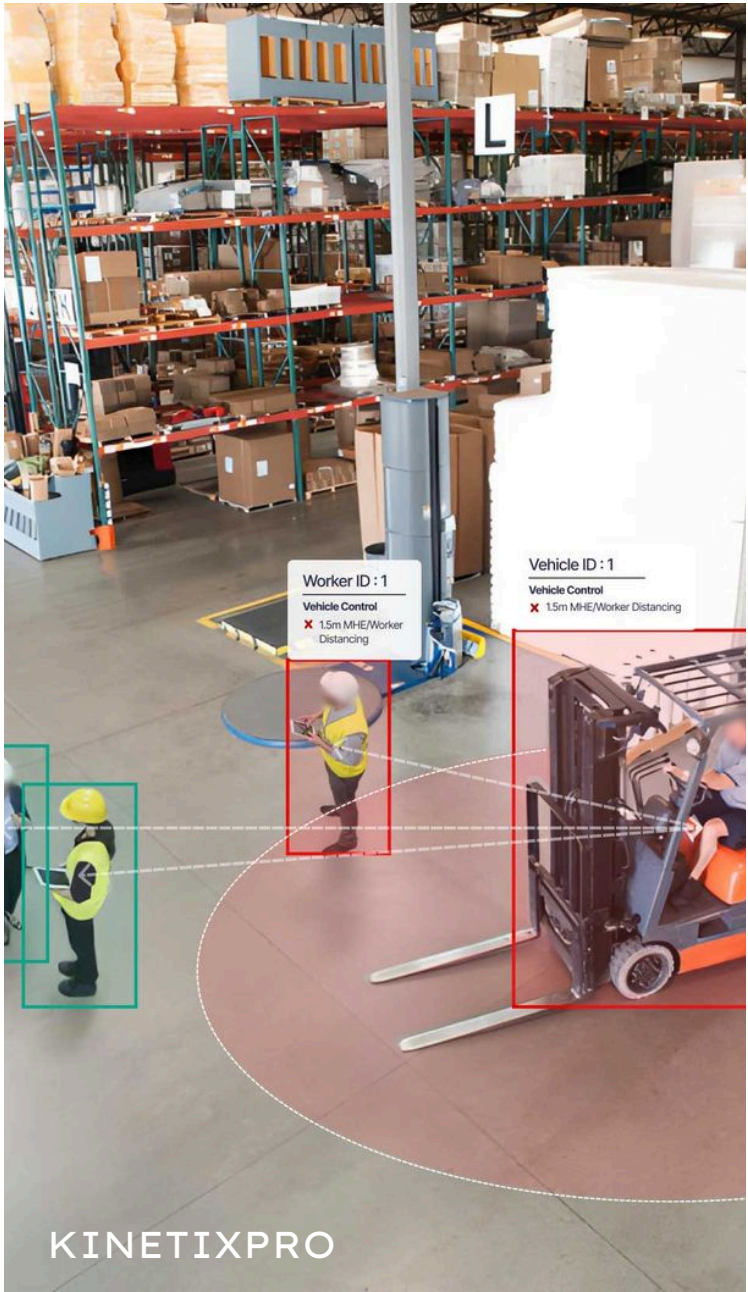
ENDORSED PARTNERS

"ACHIEVE EXCELLENCE
BY COLLABORATING WITH EXCELLENCE."

For Videnvaren+ Innovation and technology to thrive, essential parameters and expert partnerships are crucial elements ensuring the success and longevity of our solutions.

Our endorsed partners bring innovative solutions across various industries: Phytavaren Technology leads in building thermal dynamics R&D; KinetixPro offers AI-powered, 24/7 risk monitoring through existing CCTV networks; Blue Silo revolutionizes facility management with a 5G Digital Twin Platform; Sigma Wave delivers dynamic action detection and real-time tracking; Watasumi provides advanced wastewater treatment using microbial communities; and Nodoku ensures cleanliness in high-risk areas with professionals using international standard tools.





VIDENVAREN+ BENEFITS

MAKE BUILDING THAT HAS MORE TO OFFER

Our approach ensures certainty in achieving required Energy Performance Certificates (EPCs), saving time and funds. With integrated services, projects are completed faster, enhancing returns. Strategic recommendations add value, while improving EPC, ESG, and AI-BMS to drive higher rents and smoother transactions, benefiting both investors and tenants with reduced costs and environmental.



CERTAINTY

Our integrated process ensures the achievement of required energy performance and protecting from uncertainties.



SPEED

By offering combined services, projects are completed swiftly, allowing for quicker execution of business plans.



VALUE

Our strategic recommendations consistently maximize upside potential while offering cost-effective solutions.



ENVIRONMENT

Through reduced energy consumption & improved working environments contribute to sustainability goals.



HOW WE WORK AND PROCESS

At VIDENVAREN+, we pride ourselves on working closely alongside our clients, guiding them through the intricate landscape of building performance. Our collaborative approach ensures that we understand your unique challenges and goals, allowing us to tailor our services to meet your specific needs effectively.



BUILDING PERFORMANCE SURVEY

For an effective Building Performance Survey, we require a building floor plan. If you don't have one, we can create a new plan for an additional fee. The survey typically takes 1 to 3 days to complete, followed by a week of detailed analysis.



BUILDING PERFORMANCE CONSULTATION

In our Consultation service, we oversee the entire project as coordinators, ensuring smooth progression through all stages. We bring our expertise in building performance and energy efficiency to the table, offering specialized advice and solutions.

BUILDING TOMORROW'S
CITIES TODAY
TRANSFORMING THE WORLD
FROM THE GROUP UP

VIDENVAREN+

