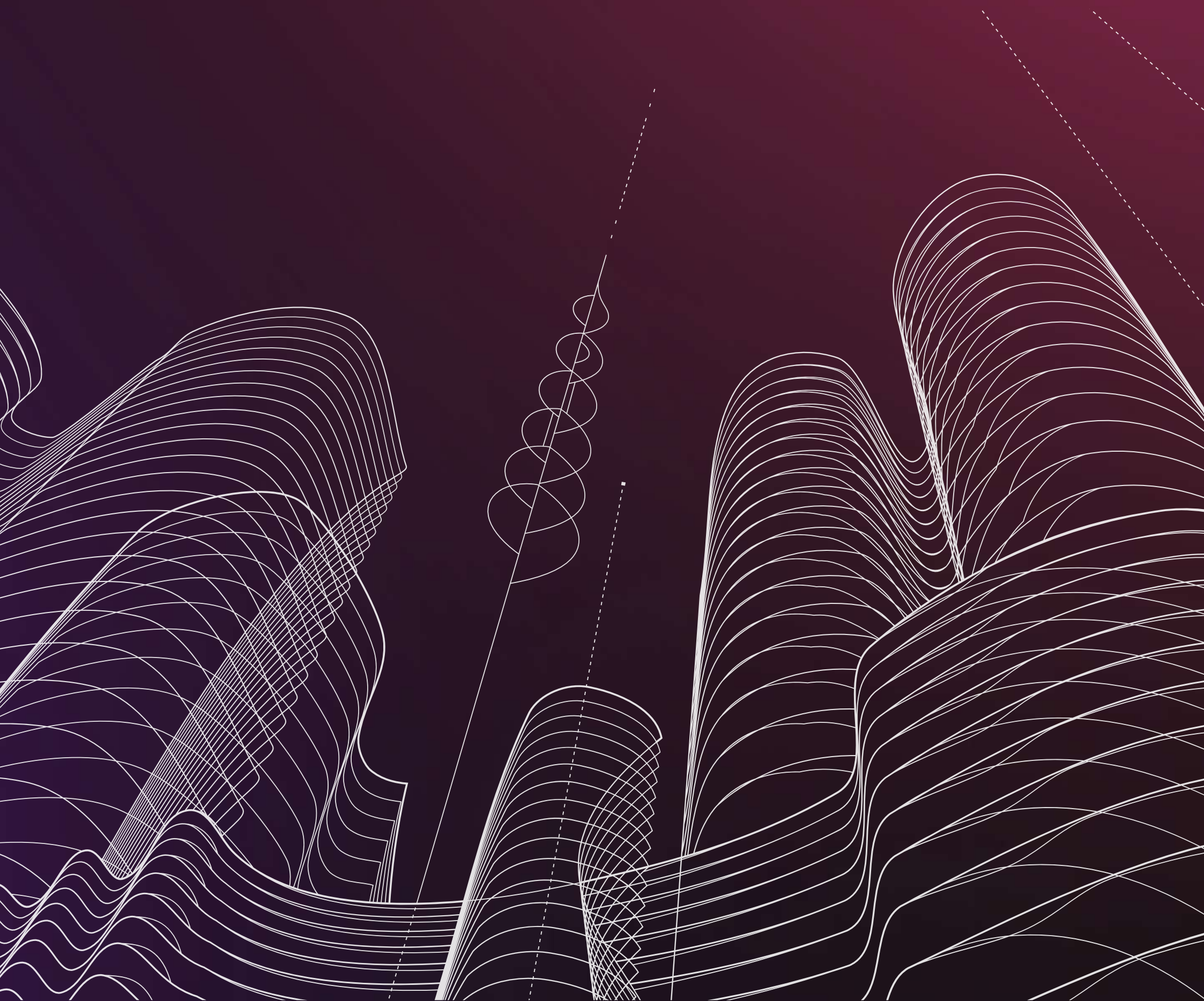


SMART OFFICE ECO-SYSTEM

Creating a more productive, efficient, and
sustainable work environment.





ARE YOU LOOKING TO TRANSFORM YOUR WORKPLACE?

In today's fast-paced business world, organizations need to be agile and adaptable to stay ahead of the competition.

Companies are facing a wide range of challenges in the office, from net zero targets to wellness initiatives to managing a hybrid work environment. At En-trak, we understand these challenges and we are committed to providing solutions that help you thrive in this dynamic landscape.

Whether you are looking to optimize your use of space, reduce your environmental footprint, or improve your overall efficiency, we can help you achieve your goals and succeed in this new era of agile work.



IMPORTANCE OF SMART OFFICE

MORE THAN EVER

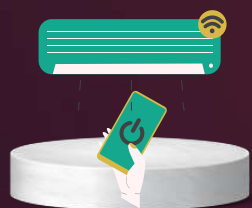
En-trak™ Smart Office can help you unlock a new level of productivity and wellness, while ensuring energy optimization and efficiency.

OUR AWARD-WINNING SOLUTION INCLUDES:

- **Real-time Energy Management** to track energy use and share results with key stakeholders,
- **A/C and Lighting On-demand** to enable personalized control for optimal efficiency and comfort,
- **Room/ Desk Booking** to suit the agile work model, and
- **Indoor Air Quality** monitoring to enhance employees' wellness and health.



INTEGRATED SMART OFFICE ECO-SYSTEM



A/C On-demand

Personalizes workplace A/C for optimal comfort. No more feeling too hot or too cold. No more cooling empty spaces.



Energy Management

Know where, when and how you are spending your energy dollars. Identify inefficiencies. Reduce carbon footprint.



IAQ Monitoring

Create a healthy workplace with real-time air quality monitoring to enhance wellness



Daylight Sensor

Detects natural light levels and adjusts lighting for optimized energy usage



Visitor Management

Create world-class experience for your visitors. Notify host and pre-cool room for seamless experience



Smart Lighting

Control any light in your office using your smartphone, ensuring energy is used only where it is needed.



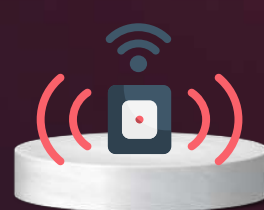
Hot Desk Booking

Allows users to reserve available desks on-demand, optimizing workspace utilization and providing flexibility.



Room Booking

Eliminate double bookings, reduce cancellations. Seamless integration with A/C & lighting



Occupancy Sensor

Selected applications in private offices and special areas to activate A/C and lighting



BENEFITS OF SMART OFFICE ECO-SYSTEM

Reduce Energy Waste

Pre-set schedule for turning off the AC + lighting automatically when not in use and save energy.

Lower Operational Cost

Directly save on electricity bills by optimizing energy usage through energy-efficient solutions.

Drive Productivity

Smart Office enhances better employee experience at the workspace, resulting in better productivity.

Improve Monitoring

Use real-time data to monitor and keep track of energy consumption while making informed decisions.

Optimal Space Utilization

Streamline office space with smart systems integrating meeting rooms and hot desk bookings.

WHAT SETS OUR SOLUTION APART?

Unlike other solutions in the market that tend to operate in silos, En-trak™ Smart Office is a fully integrated solution where your A/C and lighting system works seamlessly with your other office systems such as access control, meeting room/desk booking, visitor management, and more.

Imagine when you tap your card to enter the office and your workstation A/C and lights automatically turn on.

You can also book meeting room and/or hot desk via the system anytime, anywhere for maximum convenience and productivity.

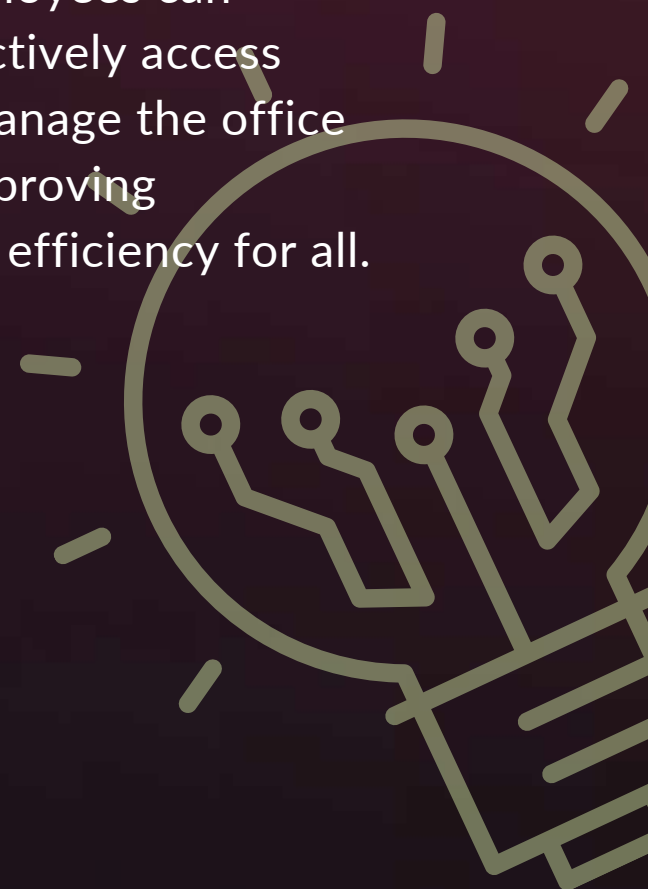
Not only that, the meeting room will automatically pre-cooled 10 mins before your meeting starts. And when you leave the room /office, the system automatically turns off the A/C and lighting. No more cooling and lighting empty rooms!

When you are feeling hot or cold, simply tell the system and it will give you 10 mins of relief. Our machine learning and AI algorithm will learn your preference over time. No more feeling too hot or too cold in the office!

To ensure your employees can work in a healthy environment, the IAQ system will continuously monitor critical indoor air quality indices.

You can also easily manage and optimize your office energy spending and carbon emission via our Energy Management system - all in one single dashboard.

En-trak™ Smart Office is the ultimate solution you need to ensure your employees can quickly and effectively access resources and manage the office environment, improving productivity and efficiency for all.





WHY EN-TRAK?

At En-trak, we recognize that every organization has unique needs and goals when it comes to digital transformation to drive sustainability, productivity and wellness. Since 2013, our team of talented software developers and engineers has been designing and developing our IoT solutions in-house. This ensures you can enjoy the best-in-class support for your ever-evolving needs.

Our solution has been used and proven by over 450 world-class clients all across Asia-Pacific, including Hitachi, AIA, Savills, Chow Tai Fook and many more. En-trak is a venture funded by Alibaba and CLP Group.

Embrace the future of office automation with En-trak today!





PROJECT GOALS

Alibaba is a multinational technology company specializing in e-commerce, retail, internet, and technology and provides services via its various subsidiaries' companies.

Managing cooling settings in multi-tenant buildings has been a challenge for landlords as it is difficult to cater to individualized thermal requirements, often resulting in occupants experiencing discomfort. In this project, Alibaba worked with Wharf to address this challenge by enhancing occupant comfort and reducing energy consumption by optimizing cooling.



SOLUTION DEPLOYED

En-trak™ solution was successfully deployed at Alibaba's office in Hong Kong, enabling staff to request optimal temperature settings for the workspace. With its automated temperature synchronization capability, the system also ensures energy efficiency by reducing cooling when not in use.



OUTCOMES

The implementation of the En-trak™ Smart Office resulted in a reduction of temperature-related complaints from staff to building management by 100%.

The system is expected to generate significant energy savings in selected areas, with a projected reduction in air conditioning energy usage ranging from 4% to 8%.



FIT
SPACE

周大福
CHOW TAI FOOK



PROJECT GOALS

Chow Tai Fook Group is a well-known Hong Kong-listed company with businesses in jewellery, property, hotel, shopping malls, transportation, energy, telecommunications, port, casino and others.

CTF employs over 28,000 employees. As part of their sustainability and digital transformation journey, CTF wanted to embrace technologies to modernize their employees' digital experience as well as fulfill its sustainability goal to optimize their energy and carbon spending.



SOLUTION DEPLOYED

En-trak™ solution was deployed at their new agile-designed office to enable every employees to control and personalize their office thermal comfort and lighting usage.

The system was further integrated with the meeting rooms and desk booking system to provide a seamless experience and energy optimization.



OUTCOMES

With the deployment of En-trak™ solution, fully integrated with the meeting room and desk booking system, employees can now enjoy working in a comfortable and sustainable workplace.

This not only helps to boost employee wellness but also significantly reduces the energy cost and the carbon footprint to meet their sustainability objectives.



PROJECT GOALS

International Water Hub (IWH) is a joint-ventured project between Singapore Sembcorp and the PRC Nanjing Government. It is located at the Singapore-Nanjing Eco-Tech Island. It is a new iconic building designed to create the Future of Work.

The client wanted to create a smart and green office to attract and retain quality tenants.



SOLUTION DEPLOYED

The smart workplace consisted of a full suite of innovations including visitor management, room booking system, facial recognition access control, concierge robots, A/C and lighting on-demand, private meeting pods, cloud printing + tele-conferencing facilities.



OUTCOMES

Working with the leasing team, the office spaces were packaged with the smart solution and offered to prospective tenants.

With the ever-increasing focus on sustainability and agile workspace, it is no surprise since the project launch in Apr 2022, over 90% of the office spaces were fully taken up.

ABOUT US

At our core, we are a company that is passionate about sustainability. Since our founding in 2013, we have been designing and marketing innovative IoT software and solutions that help businesses drive sustainability. Our solutions are carefully crafted to achieve their sustainability goals by optimizing energy consumption and reducing carbon emissions, while balancing the importance of wellness and comfort.

We are proud to have served hundreds of world-class clients across Asia, including Hong Kong, Singapore, Thailand, Japan, and China.

Our commitment to excellence has been recognized by Forbes, who named us one of the Top 100 Companies to Watch in Asia.

CUSTOMER REFERENCES





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