



**A TAILORED SMART
SENSOR SOLUTION
FOR HEALTHIER,
MORE EFFICIENT
& GREENER
WORKPLACES**



SIMPLE



SCALABLE



SAFE



SUSTAINABLE

INTRODUCING **SARTORIAN** from iDACS

Imagine being able to support the wellbeing of your staff, save money, help save the planet, and ultimately work more efficiently and profitably – without the need for major investment or disruption to your business.

Introducing Sartorian – the Smart Sensor Solution from iDACS.



PEOPLE

The greatest asset to your business is your staff. Accommodating their need for flexible working and ensuring their health and safety in the workplace are paramount considerations.

By putting Sartorian's people-centric wellbeing and occupancy systems in place, not only will you improve employee wellness, but also increase their engagement & productivity.



PLACES

Working models are changing, and so are the expectations of your workspaces. To lure staff and visitors back to offices, and to nurture collaboration & innovation, they need to evolve to become more inspiring, more comfortable & more service orientated.

Sartorian does exactly this, and what's more, can help you to manage this remotely if you have satellite offices or cannot travel to the workplace.



PLANET

Sustainability & corporate responsibility are key factors for business metrics and Government compliance.

With Sartorian, you can reduce energy consumption & greenhouse gas emissions to help you achieve your green goals, improve your company's credibility as a responsible business and very importantly, lower your overall operating costs.

**WE CAN HELP YOU ACHIEVE ALL
THIS **SIMPLY, ECONOMICALLY**
& WITH THE **ABILITY TO ADAPT**
AS YOUR BUSINESS GROWS**



Sartorian is a suite of WiFi enabled sensors & control gateways that can be easily retro-fitted into your facility, either as a stand-alone solution or integrated with any existing building management systems.

Adding Sartorian to your premises will

- help to **keep your staff safe** and **promote their wellbeing**
- **optimise space utilisation**, with the potential for down-sizing or restructuring
- automate utilities, thereby **lowering your carbon footprint** & energy bills
- **Improve operational efficiencies & increase profitability**

So, Why Sartorian?

Sartorian, from iDACS, offers businesses an **economical path to workplace optimisation**.

It's **tailored to your needs**, so you can **scale as required** and choose from a range of sensors, which offer multi-functional monitoring for a lower cost than competing systems (no on-going license fees).



WELLBEING



AIR QUALITY



LIGHTING



HVAC



SECURITY & SAFETY



BMS INTEGRATION



DESK/ROOM BOOKING



SIMPLE

Sartorian WiFi Sensors can be deployed quickly & easily; allowing you to add more services as and when required. Plus, you only pay for the functions you need, making contracts simple and payment plans lower than many other solutions.



SCALABLE

Start with one area e.g. fit under-desk occupancy sensors. You can use these for desk-booking, to assess your real estate usage or to automatically turn off utilities in vacant offices. When you're ready, you can expand the system, with multi-sensors across your entire business to maximise the operational benefits & energy savings.



SAFE

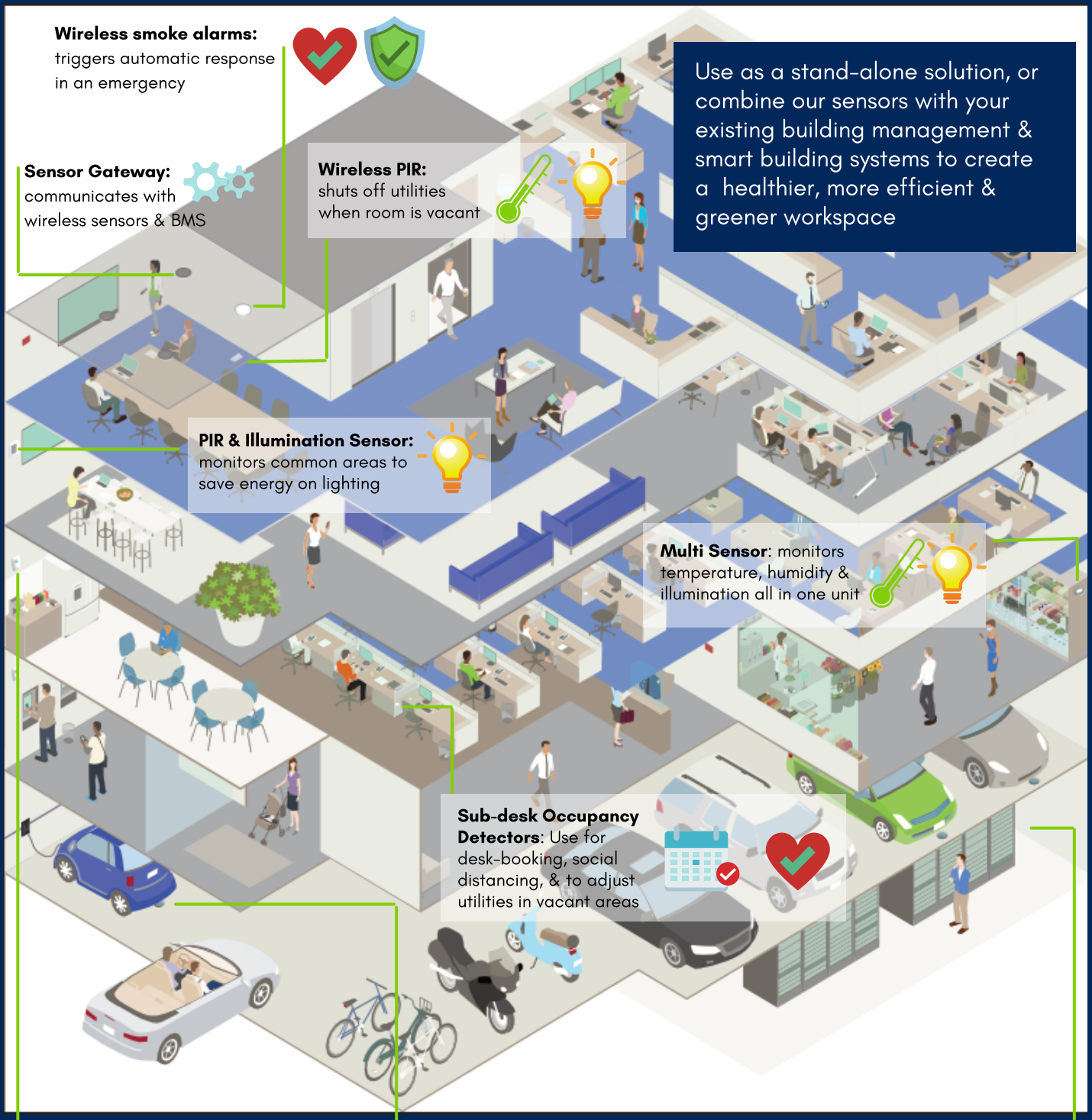
Sartorian sensors allow you to manage social distancing, monitor environmental conditions, fire safety & CO2; ensuring staff feel comfortable and confident to return to the office safely. Assets can also be protected by using door sensors for secure areas, data cabinets, etc



SUSTAINABLE

Integrating Sartorian with your other building systems will allow you to lower energy use by automatically adjusting smart lighting, HVAC etc when sensors detect vacant areas, resulting in significant building lifecycle savings & improving sustainability.

It can also be paired with iDACS Electric Vehicle chargers & parking sensors to allow for the impending switch to cleaner vehicles - which all companies must now consider.



**Environmental & wellbeing
sensors:** monitor air quality
and temperature to ensure
employee comfort & well-
being



Parking Detectors: pair with
Electric Vehicle charging
spaces, to offer as a bookable
service. [Ask about](#) iDACS WiFi
enabled smart EV chargers



Window & Door Sensors:
protect your staff & assets. Use
for access doors, windows and
other secure areas e.g. your
data centre or comms room



NOT SURE WHERE TO START? **WE CAN HELP!**

SO HOW DOES THIS ACTUALLY WORK IN PRACTICE?

USE CASE STUDIES

There are multiple applications for the Sartorian system in your business; whether you use one feature or a combination of many. Here are a few examples.



Identifies underutilised areas and potential for down-sizing

As a worldwide average, only 45% of desk space is used efficiently.* That means in an office with 500 desks, upto 275 are empty, but still **taking up valuable real estate**.

By monitoring desk occupancy in their customer service dept (using Sartorian sub-desk sensors linked to an IoT gateway in the ceiling) our client was able to determine how many desks were regularly in use. From this information, they were able to reduce the area of the department, while ensuring workspace availability through a hot-desk booking system, linked to the sensors and bookable via an App.

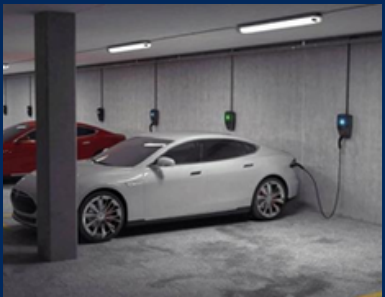


Reduces energy use in vacant or low occupancy areas

Energy costs account for approximately 32% of Life Cycle Costs of a building – with lighting making up over a 1/3 of that.

Smart sensors, along with management software and controllers, ensure that only areas being used will consume energy; reducing energy bills and lowering maintenance & replacement costs (e.g. lighting units & other hardware).

Our client combined our circadian smart lighting solution with Sartorian sub-desk sensors and PIR & illumination sensors to significantly reduce their energy bills (and carbon emissions).



Provides convenience & reassurance for staff returning to the office

With home-working becoming more accepted, it can be difficult to lure staff back to the workplace. However, many people (especially the under 35's) find collaboration and innovation more effective face-to-face.

To **encourage staff back to the office**, one business incorporated a desk-booking system, free EV charger booking (using Sartorian parking sensors & iDACS smart EV chargers) and improved environmental & air quality monitoring; to reassure employees and to make travel to the office more convenient.



Helps to support WELL Building V2 compliance

Sartorian can help to make working environments as pleasant and healthy as possible for staff. It also provides a valuable tool to demonstrate & report parameters required for WELL Building V2 compliance.

Increasing knowledge of the building workspace was achieved by fitting sub-desk occupancy sensors, communicating wirelessly with the I.O.T. gateway fitted above the ceiling, and a PoE powered environmental sensor. The system was **used to monitor a number of the WELL Building V2 Standard parameters** including temperature, humidity, CO2 and volatile organic compounds (VOCs).

If you could use some or all of these features, please get in touch. We'll discuss your requirements and propose a tailored **Roadmap for Change** – see following page for details.

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ROADMAP FOR CHANGE

HOW IDACS WORK WITH YOU

iDACS **collaborate** with you to deliver a smart sensor solution that's **tailored to your business requirements**. By discussing your objectives and reviewing your existing site & building management systems (or new build plans), we'll create a roadmap for your **workplace transformation that fits around your needs and budget**.



We'll discuss your drivers:

- staff safety & well-being
- lower operating costs
- lower energy use & CO2 emissions
- space optimisation
- occupancy and booking services
- other important factors to you



Then, **develop a roll-out plan**; including recommendations for which sensors are best for each zone / application, how the solution will integrate with your BMS & smart systems, and **a cost model for your project**.

We'll also **advise you of any complementary solutions** e.g. smart lighting systems, that would help you to realise even more operational benefits & savings.

We'll **connect** all the elements required to deliver your solution smoothly; offering advice, any required installation services (from our certified installers) and **technical support throughout every stage of the project - at no extra cost**.

YOUR ROADMAP FOR CHANGE



Applications
Specifications
Consultations

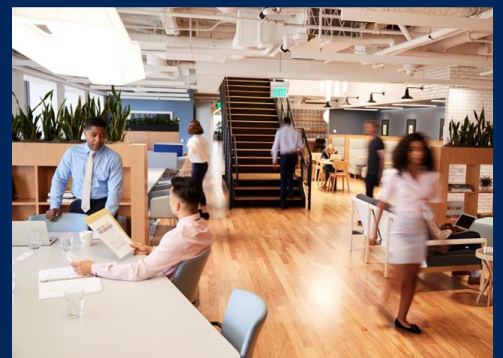
Site Surveys
Design
Training

Installation
Upgrades
Tech. Support

We'll **transform** your business into a more efficient, more productive and more profitable enterprise - capable of **evolving and adapting** to whatever the future holds.

Through the use of the Sartorian smart sensor system, you will be able to **continuously monitor and manage changes** to working practises and conditions, **ensuring your business continues to thrive**.

And **when you're ready to expand the** solution to other premises, or to add more smart sensors to your existing workspace - **we'll be there to help**.





IS SARTORIAN RIGHT FOR YOUR BUSINESS? **YES!** FIND OUT WHY WITH OUR FAQ'S

Can Sartorian improve my company's profitability?

YES!



Using the **3-30-300 Rule**, where \$3 is spent on utilities, \$30 for rent and \$300 on payroll, we can see the impact Sartorian could have on your bottom line.

- Using sensors to switch off lights, heating, etc in vacant rooms will significantly **reduce your utility bills.**
- Occupancy sensors will help you to determine space use, and potentially allow you to down-size (or let out part of your building) **saving on real estate costs.**
- Providing staff with a more comfortable, customisable environment & offering bookable services will **improve their productivity** - see below.

Can the system improve staff performance & attendance?

YES!



It's not all about savings... **Sartorian creates a better working environment.** With sensors monitoring everything from lighting to air quality and CO2, your employees will feel safe at work, healthier and their feeling of wellbeing will be enhanced (along with their performance).

According to industry reports, office workers in buildings using smart technologies to manage work environments experienced a **24% increase in job satisfaction** and there was a **28% reduction in absences due to sick days***

Can Sartorian make my building management system more efficient?

YES!



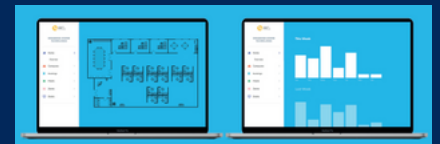
Sartorian can provide advanced inputs to a building management system to help optimise...

BMS integration	Desk/Room Booking
Lighting	Fire & Security
HVAC	Employee Wellbeing
Air Quality	

Can Sartorian provide comprehensive reports?

YES!

You can customise reporting to your specific requirements.
Data can be overlaid and associated with your floor plans.



Can Sartorian devices be installed without special training or certifications?

YES!



The Sartorian system utilises a range of wired and wireless sensors that can be powered by PoE, solar or long-life batteries.

The system can be installed by any competent facilities staff, using the appropriate installation guide. However, iDACS have certified installers who can help with this process if you prefer.
Any eligible cabling done by our installation partners will be covered by a system warranty.

Can Sartorian communicate with existing software and 3rd party apps?

YES!



Is Sartorian more cost effective than competing solutions?

YES!



Have more questions?
Please get in touch with our technical sales team

02380 279999
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SIMPLE



SCALABLE



SAFE



SUSTAINABLE

**CONTACT US FOR DETAILS OR
TO ARRANGE A FREE SITE SURVEY**



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WORKING SMARTER

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