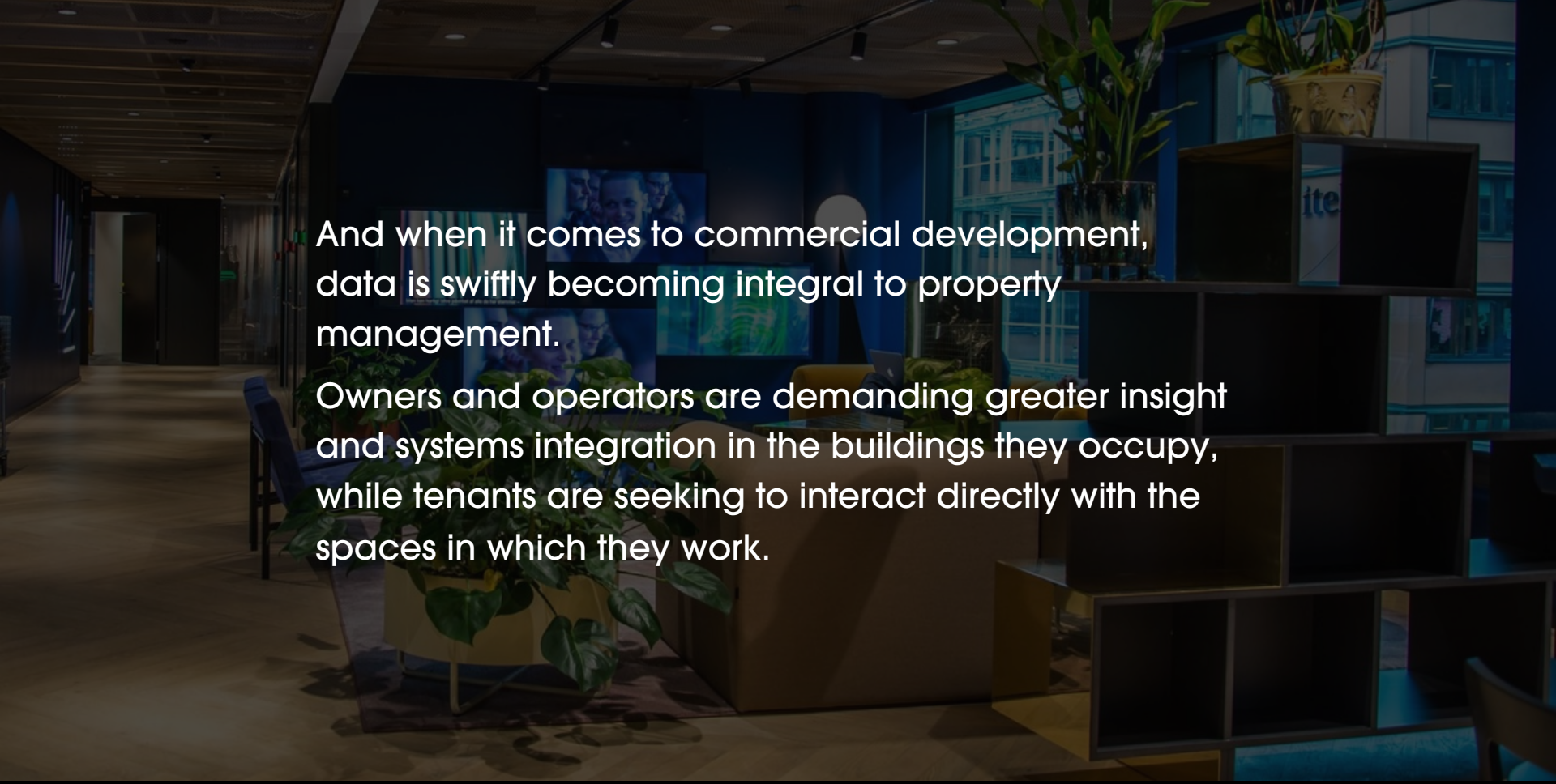
organic response
by ORTechnologies

Building a business case for wireless smart lighting control

The promise of intelligent lighting

Intro: the future is now

As society's demand for convenience has grown over time, technology has responded accordingly. We now have access to greater connectivity than ever before with the convergence of mobile, cloud and the IoT.



And when it comes to commercial development, data is swiftly becoming integral to property management.

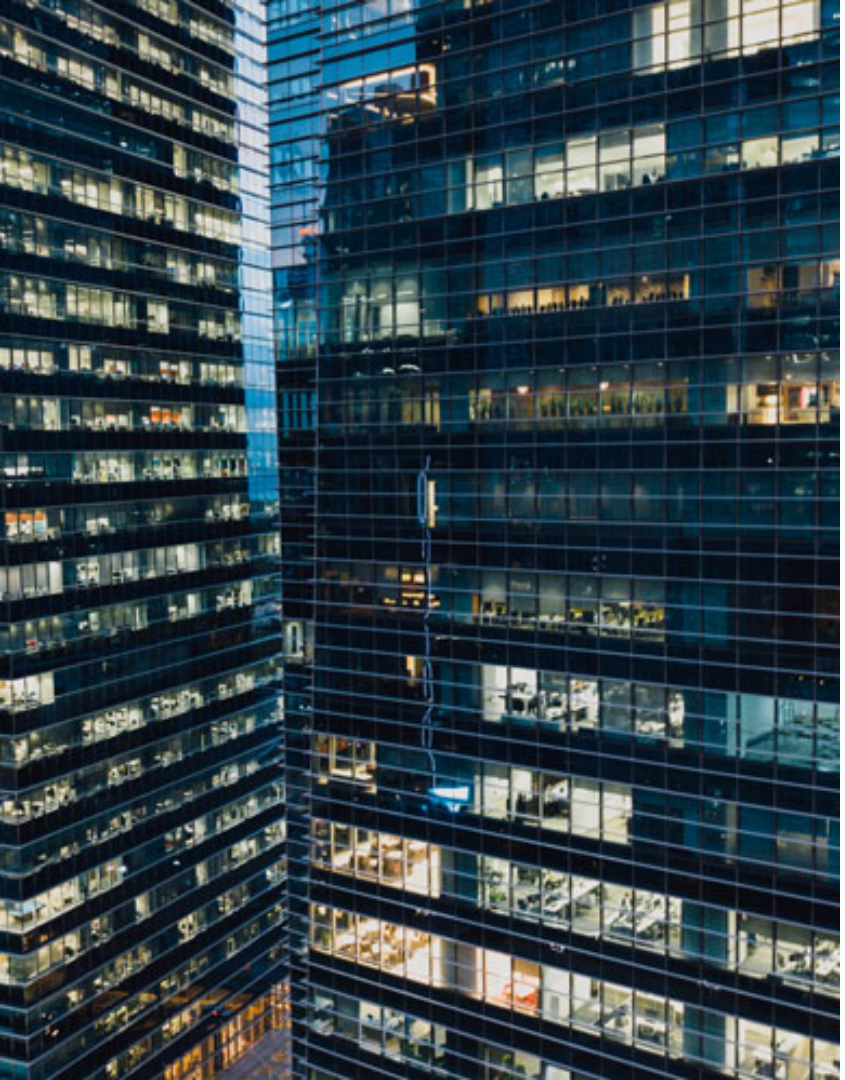
Owners and operators are demanding greater insight and systems integration in the buildings they occupy, while tenants are seeking to interact directly with the spaces in which they work.

Throughout commercial office spaces, sensors integrated into light fittings collect occupancy information that is able to be sent to connected internal and external ecosystems to optimise both building efficiency and the tenant experience.

The opportunities for smart buildings enabled by the IoT in conjunction with smart sensor technology, the cloud, Artificial Intelligence and API integration are endless.

Building the business case

The integration of smart lighting controls can solve a diverse range of business problems by improving safety, increasing comfort, lowering energy consumption, and reducing costs—not only for building owners, but also for tenants, developers, and contractors.



Developers

A smart building uses technology to reduce operating costs and serve up amenities. However by adding services and smarter energy management capabilities, developers are able to create intelligent assets that save money while catering to the needs of both owners and occupants.

Developer benefits include

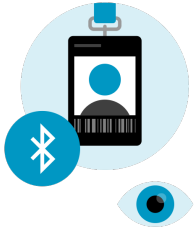
- Meeting the demands of landlords and tenants while adding value for both
- Improved building efficiency and systems integration
- Establishing a reputation as an industry leader
- Fast roll-out with reduced installation costs (no control cables)
- Installation of upgradeable smart technology enables the delivery of future features and benefits as the building ecosystem grows over time

Landlords

Converting a commercial development from a traditional model to a modern smart building can require significant investment from building owners. But as technology costs reduce and the use cases for delivering value on data increases, the return on investment for landlords is becoming apparent.

Landlord benefits include

- Reduced energy consumption, resulting in lower energy costs and reduced carbon footprint
- Automation of administrative processes, requiring less resources
- Smart buildings that attract higher rent prices and are in high demand
- Predictive maintenance that allows action to be taken before repairs become costly or impose on tenants
- Greater understanding of how the building is being used through occupancy data and analytics



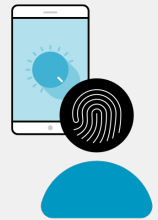
Tenants

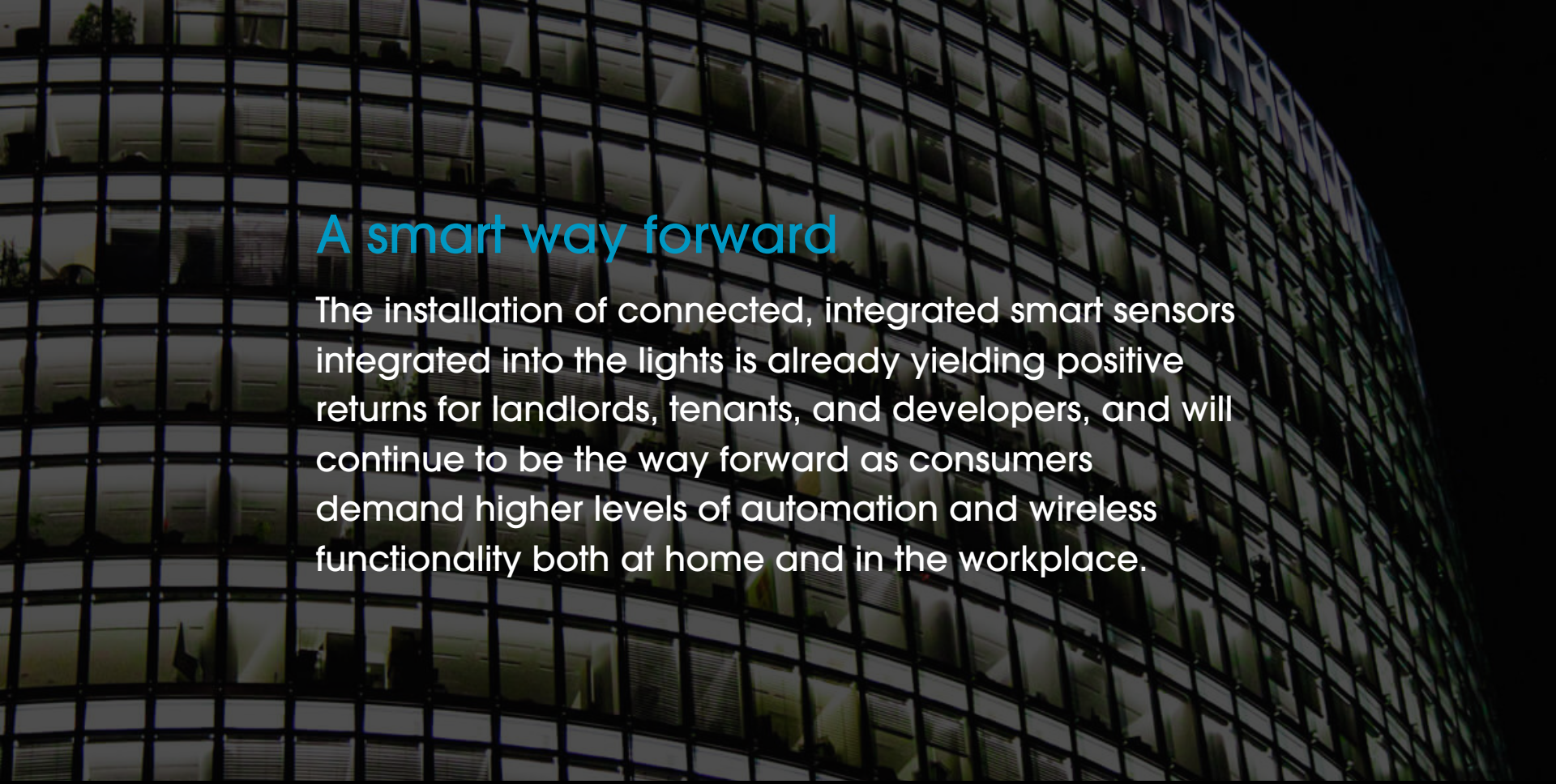
Tenants are now expecting increased connectivity and automation in the workplace. Smart buildings fitted with intelligent lighting controls provide exactly that.

In fact, best of breed smart buildings offer improved safety, security, operating efficiencies, and productivity.

Tenant benefits include

- A highly functional, flexible and productive workplace
- Automation of manual and administrative processes
- Better utilisation of space resulting in cost savings
- Energy efficiency through data consolidation
- Improved safety measures leading to a feeling of greater security
- Greater access controls via smartphone applications
- Over time, even more benefits will be realised, including asset tracking, beacons/wayfinding, and real time access monitoring





A smart way forward

The installation of connected, integrated smart sensors integrated into the lights is already yielding positive returns for landlords, tenants, and developers, and will continue to be the way forward as consumers demand higher levels of automation and wireless functionality both at home and in the workplace.

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About OR Technologies

OR Technologies provides world-class wireless lighting controls technology. We envision a future where all buildings are smart, allowing for significant improvements in the way high density commercial spaces are designed, built and occupied.

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