



interact

# Introducing Interact Pro scalable system – smart lighting for smart businesses

## How can businesses benefit from smart lighting?

Smart lighting can create workplaces that are more comfortable, more secure and more productive, all while boosting energy savings and meeting sustainability targets.

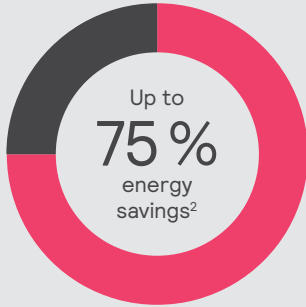
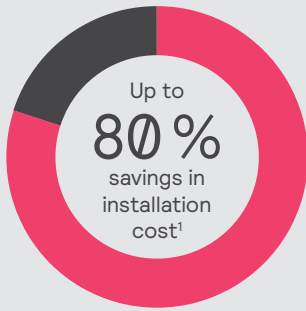
To make it easy for you to enjoy the benefits of smart lighting, we're introducing the new **Interact Pro scalable system**. It's a cost-efficient and wireless solution for every step of your customer's smart lighting journey. The system is fully scalable, so it can grow as business requirements grow – from smart to super-smart.

## Wherever you work, it works

- Perfect solution for projects of all sizes and scope
- No restriction on light points – ideal for offices, industrial sites, warehouses, schools and many more areas of application
- Wide range of Interact Ready lamps and luminaires, smart sensors and switches to cover all application needs

Fully compliant with all standard regulations to claim utility rebates (ASHRAE, Title 24, IECC, UL924, DLC)



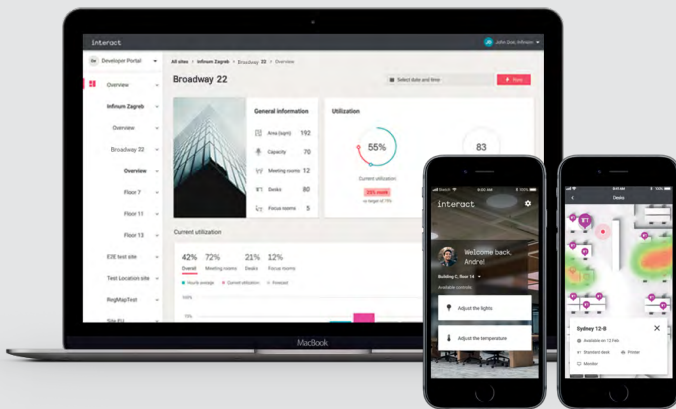


## Step 1: Start simple and lay the foundation

- Smart lighting with luminaire integrated occupancy and daylight sensor
- Simply connect the Interact Ready luminaires, retrofit kits and lamps with the intuitive Interact Pro app through a Bluetooth connection.
- Add sensors, switches, 3rd party 0-10V or phase dimming luminaires.
- Set-up is simple and straightforward, just like SpaceWise: no need for additional wiring or access to the building's internet connection.
- Save up to 80% on installation and material cost compared with more complex systems.<sup>1</sup>
- Boost energy savings up to 75% with the unique adaptive dimming and dwell time features.<sup>2</sup>

## Step 2: Scale up for more benefits by adding a gateway

- Instant access to cloud-based benefits and functionality such as scheduling, remote access, adaptation and energy monitoring, light point information regarding lifetime and health, as well as regular feature updates.
- Integrate with utilities for Open ADR based demand response strategy
- As your system grows, you can keep and build on all previously installed light points.



## Step 3: Tap the full potential of the IoT

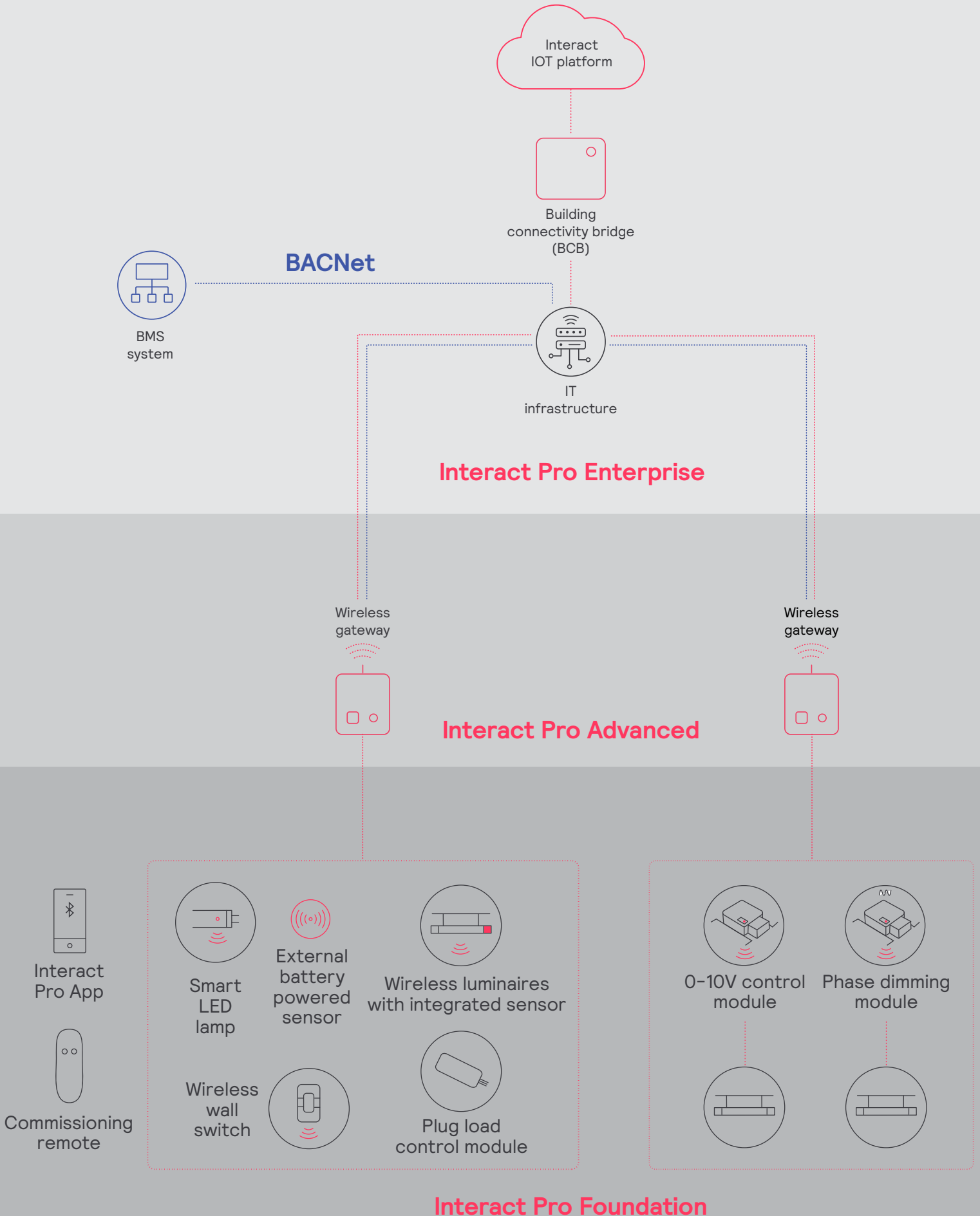
- Access to occupancy, asset health and environmental sensing data
- Optimize workspace quality, improve safety and productivity and boost employee engagement – even across multi-sites.
- Unlock more savings with BMS integration
- Minimize waste with real time way-finding and desk/room booking tools

Learn more about the benefits of Interact for SME at:  
[www.interact-lighting.com/interactproscalablesystem](https://www.interact-lighting.com/interactproscalablesystem)

<sup>1</sup> Compared to wired networked lighting control systems.

<sup>2</sup> Based on installation in the GSA-operated Metcalfe Federal Building located in Chicago, Illinois. This project was installed under the GSA Green Proving Ground Program. <https://www.assets.signify.com/is/content/Signify/Assets/philips-lighting/united-states/20201013-gpg-findings-integrated-with-alc.pdf>

# Interact Pro scalable system architecture



## Functionalities overview

		Foundation	Advanced	Enterprise
Meet building codes	Integrated occupancy and daylight sensing	✓	✓	✓
	Manual ON	✓	✓	✓
	Partial automatic ON	✓	✓	✓
	Multi-level continuous dimming	✓	✓	✓
	Automatic shut-off control	✓	✓	✓
	Automatic daylight responsive control	✓	✓	✓
	Dimming, daylight harvesting & occupancy controls	✓	✓	✓
	Automatic receptacle control (Plug load control)	✓	✓	✓
	UL924 Emergency	✓	✓	✓
	Automatic Demand Responsive controls (Open ADR)		✓	✓
Comply with DLC	Networking of luminaires and devices	✓	✓	✓
	Luminaire Level Lighting Control (LLLC, integrated)	✓	✓	✓
	High-end trim	✓	✓	✓
	Zoning	✓	✓	✓
	Individual addressability	✓	✓	✓
	Cybersecurity	✓	✓	✓
Maximize energy savings, rebates & comfort	Adaptive dimming (light when you need it, where you need it)	✓	✓	✓
	Dwell time	✓	✓	✓
	Bluetooth (BLE) connectivity	✓	✓	✓
	Scene control	✓	✓	✓
	Personal control	✓	✓	✓
	Energy reporting and export		✓	✓
	Scheduling		✓	✓
	Device monitoring/remote diagnostics		✓	✓
Beyond code	Multi-site management		✓	✓
	Floor plan visualization			✓
	Occupancy analytics (heatmaps)			✓
	BACnet integration			✓
	APIs (light control, occupancy, people count)			✓
	Physically swap/upgrade sensors			✓
IoT features	Room booking (e.g. meeting rooms)			✓
	Outlook and Google calendar integration			✓
	Desk booking			✓
	People Counting			✓
	Temperature & humidity sensing			✓
	Noise classification sensing			✓
	Wayfinding and Real Time Location Services (RTLS)			✓
	Indoor positioning SDK			✓
	Kiosk app, Space management app, Workspace app			✓

## Building blocks and luminaires

Foundation devices									
	Interact-ready wireless luminaires	Commissioning device (IRT9015)	Wireless scene switches (SWS200)	Interact Pro app	0-10V control module (SBZ10-CS)	Phase control module (SBELV-CS)	Plug load control module (RFSR10)	UL924 shunt module (ER100/00)	
Optional devices for Advanced									
	Wireless gateway (LCN 1840/05)	Battery powered sensor	Interact Pro portal						
Optional devices for Enterprise									
	Wireless gateway (LCN 1850/05)	BCB (LCN 1860/05)	Interact web software application	Space management and Workspace mobile apps					
Ledalite luminaires									
	ArcForm	BoldPlay	FloatPlane	Sona	SilkSpace				
									
TruGroove recessed	TruGroove suspended	TruGroove recessed micro	EyeLine	ModiFly					
Day-Brite luminaires									
	ClearAppeal	DualLED	EvoGrid	FluxGrid	SofTrace LED				
									
FluxStream strip	FluxStream industrial	FluxStream wraparound	LBX suspended	FBY, FBX, HBY high bays					
Lightolier luminaires									
	Calculite gen 3	LyteProfile	EasyLyte	Commerical retrofit downlight					
Philips retrofit kits and lamps				Any 0-10V and phase dimming luminaires					
	EvoKit Click	EvoKit gen 5	MasterConnect LED PAR and TLED	Any 0-10V and phase dimming luminaires		Track lighting	Decorative lighting		

## Currently supported maximum system size

To be able to design the lighting system correctly for the customer, it is important to know the prime characteristics of the system, its possibilities and limitations.

System level	
Total number of gateways	Unlimited
Total number of devices	200 per network
• luminaires with integrated sensors	150
• smart TLEDS	150
Total number of ZGP devices (sensors and switches)	50
• sensors	30
• switches	50
• zones and groups	64
Group level	
Number of lights	40 (recommended 25)
Number of ZGP devices	5
Number of scenes	16