



Unlocking the extraordinary
potential of light

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ignify

the world leader in lighting

We provide high-quality energy efficient lighting products, systems and services

No. 1

Connected, LED,
Conventional

32.000

people employed
in 70 countries

No. 1

Industry leader
Dow Jones
Sustainability Index

€6.2bn

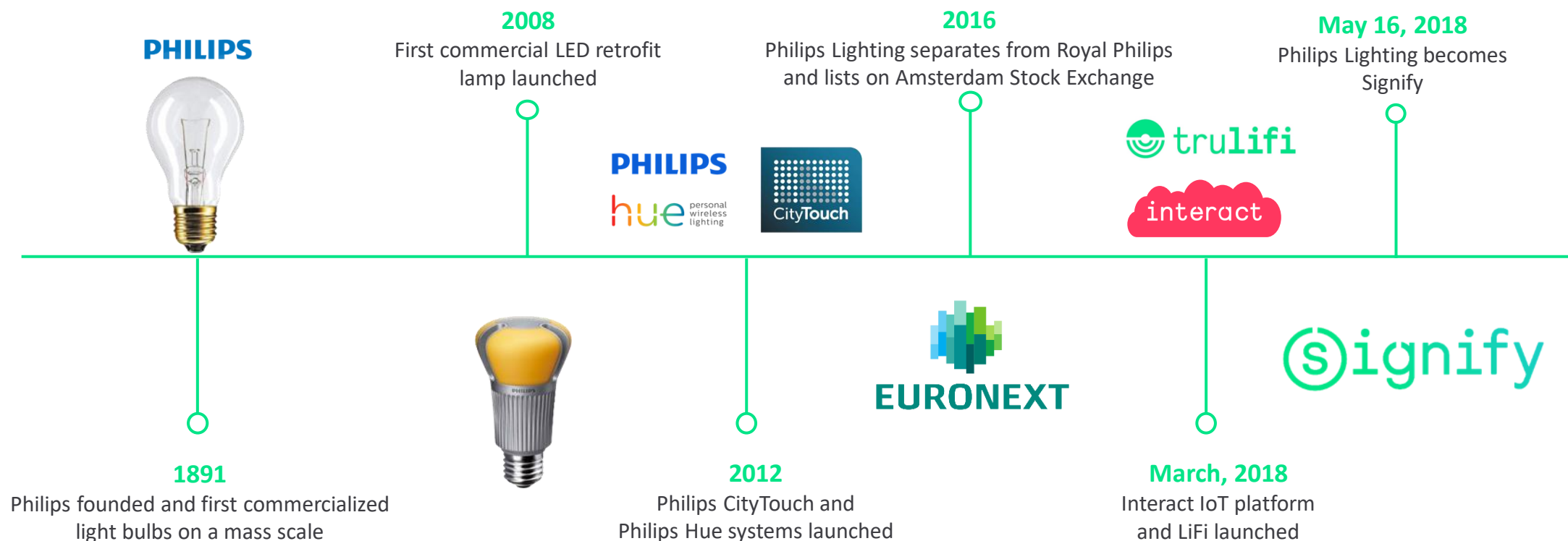
Sales in 2019
driven in ~ 75% from
professional branch

No. 1

in Lighting for
IoT

From Philips Lighting to Signify,

125 years of legacy



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Meet our global brands

PHILIPS

Our global brand for consumer
and professional lighting

PHILIPS

hue personal
wireless
lighting

WiZ

 **COLOR
KINETICS**

 **MODULAR
LIGHTING —
INSTRUMENTS**

interact

Our Internet of Things platform
and connected lighting systems

Our world is changing ...

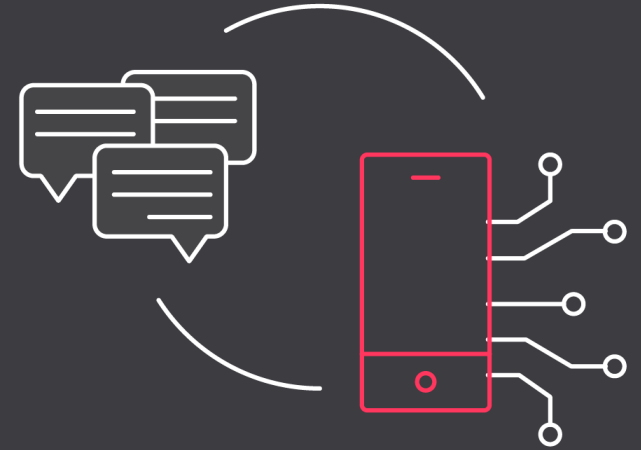
See how connected lighting can make a difference



Population growth & urbanization



Resource challenges

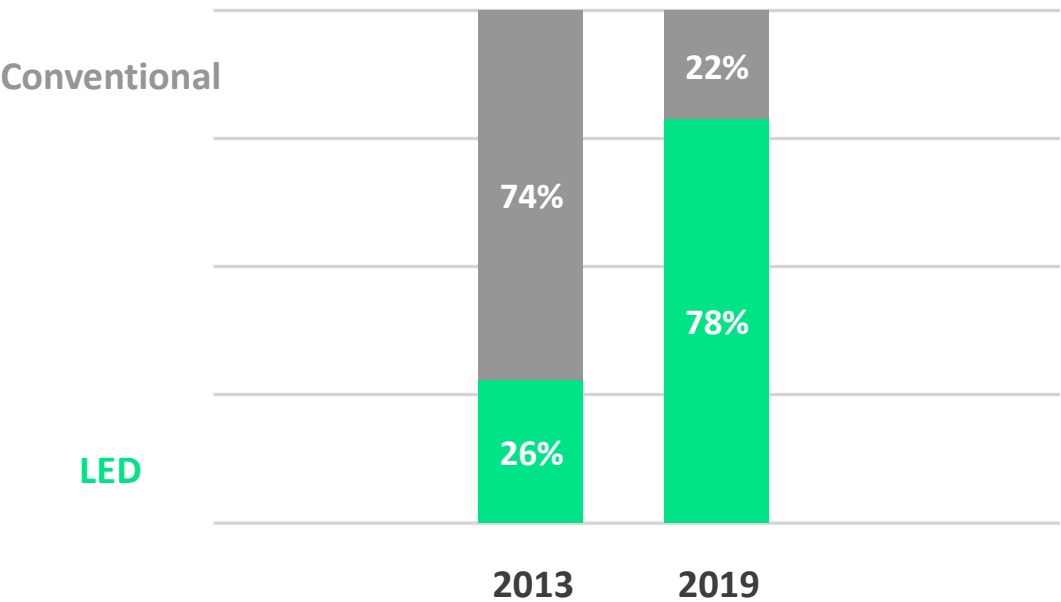


Digitization

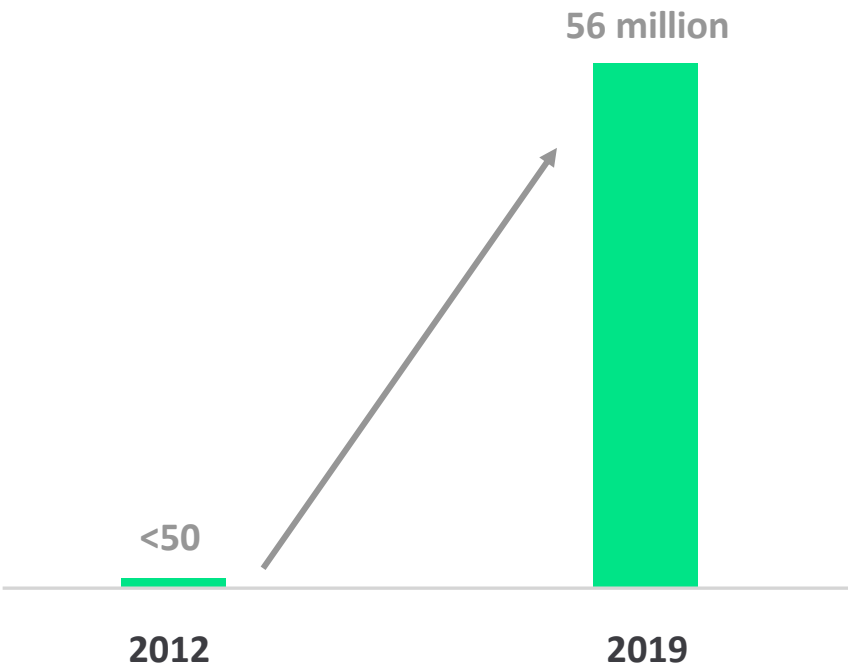
- Right light and safety
- Energy efficiency with performance
- Sustainable resource constraint
- Mobility
- New applications beyond illumination

We're transforming our business

Transition from conventional to LED-based sales (in % of total sales)



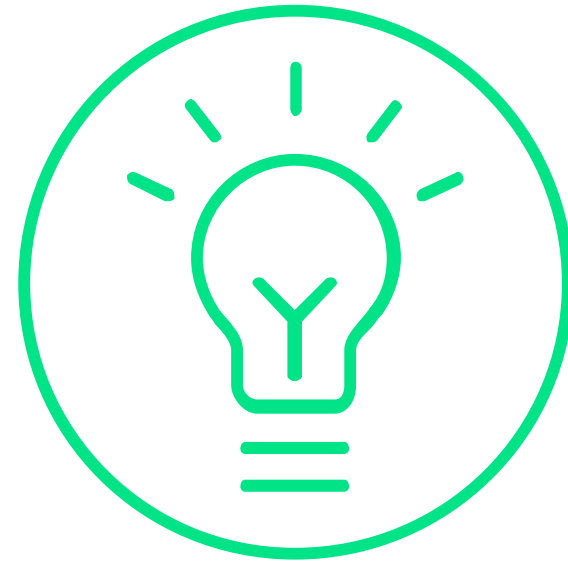
Number of connected light points



Connect to leverage LED benefits

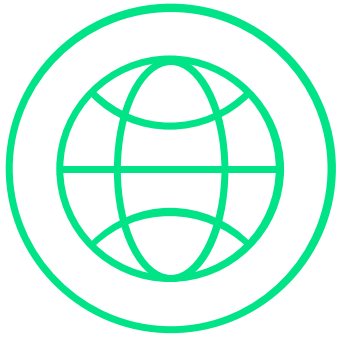


Up to 80% energy savings when coupled with smart controls



50-70% energy savings with LED

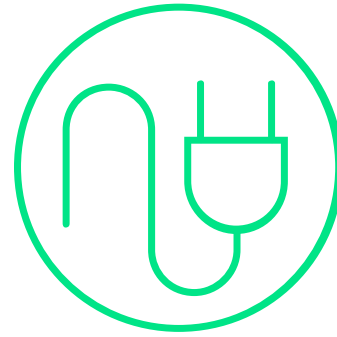
Public lighting is everywhere but connected lighting is not



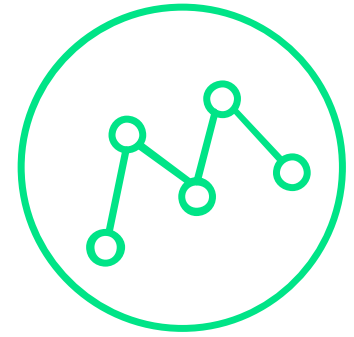
~**300 million** street
lights worldwide¹



On average, public
lighting is more than
20 years old³



Lighting can account
for up to **40%** of a
city's total energy
consumption²



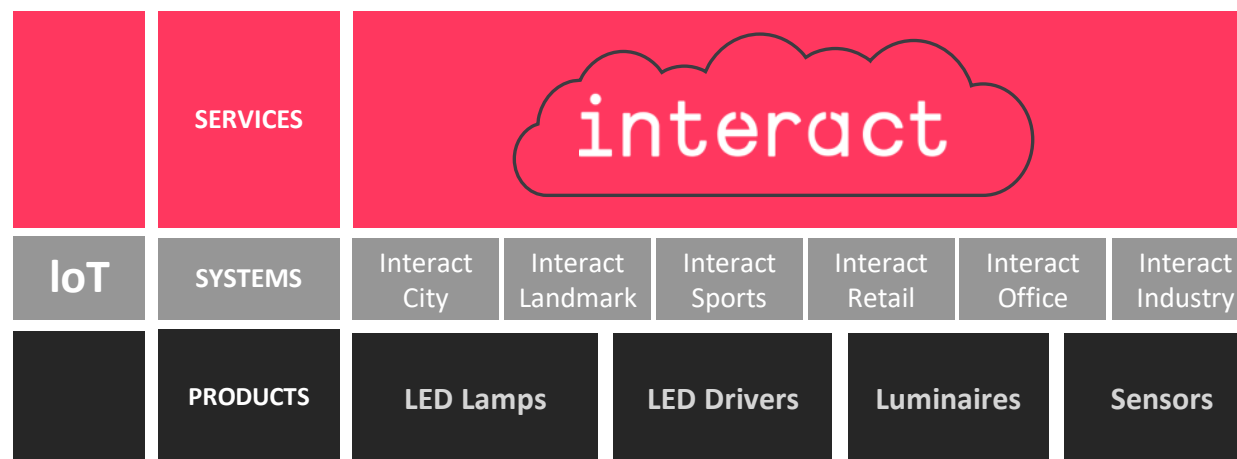
~**2%** of installed
systems are connected,
expected to reach
35% by 2025³

¹ Northeast Group, *Global LED and Smart Street Lighting Forecast 2015-2025*

² European PPP Expertise Centre (EPEC), European Commission, *Energy Efficient Street Lighting*, 2013

³ Philips market analysis

Interact Lighting connected



Interact
City



Interact
Landmark



Interact
Sports



Interact
Retail



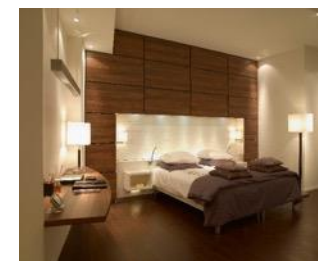
Interact
Office



Interact
Industry



Interact
Hospitality



Interact City



With Interact City, you can:

- Make your streets safer for citizens
- Remotely Control, Monitor and Program your Street Lights
- Manage all your streetlighting assets in 1 platform
- Optimize your energy consumption
- Better plan your maintenance personnel
- Visualize data through one dashboard
- Kick start your Smart City ambition with Public Street Lighting Central Management System
- Integrate with other software to control lighting
- Secure application designed to the highest Cybersecurity standards of IEC 62443 develop process

Reduced lighting energy consumption	Up to 80%
Achieve sustainable operations targets	Up to 80% Reduction of CO ₂ Emissions
Optimize operations	Improve efficiency by at least 50% with effective maintenance planning with in-depth knowledge of all asset information
Reduce down-time of luminaires	Less than 1% down-time with real-time fault detection and fast resolution responses
Reduced citizens' complaints	Track 100% of the issues and resolve them before complaints are reported
Improve traffic and pedestrian safety	Better lighting reduces up to 20% crime and 30% road accidents with injuries
Protect Data & against unauthorized usage	Signify is certified to IEC62443-4-1 Security Certification by Dekra

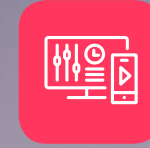
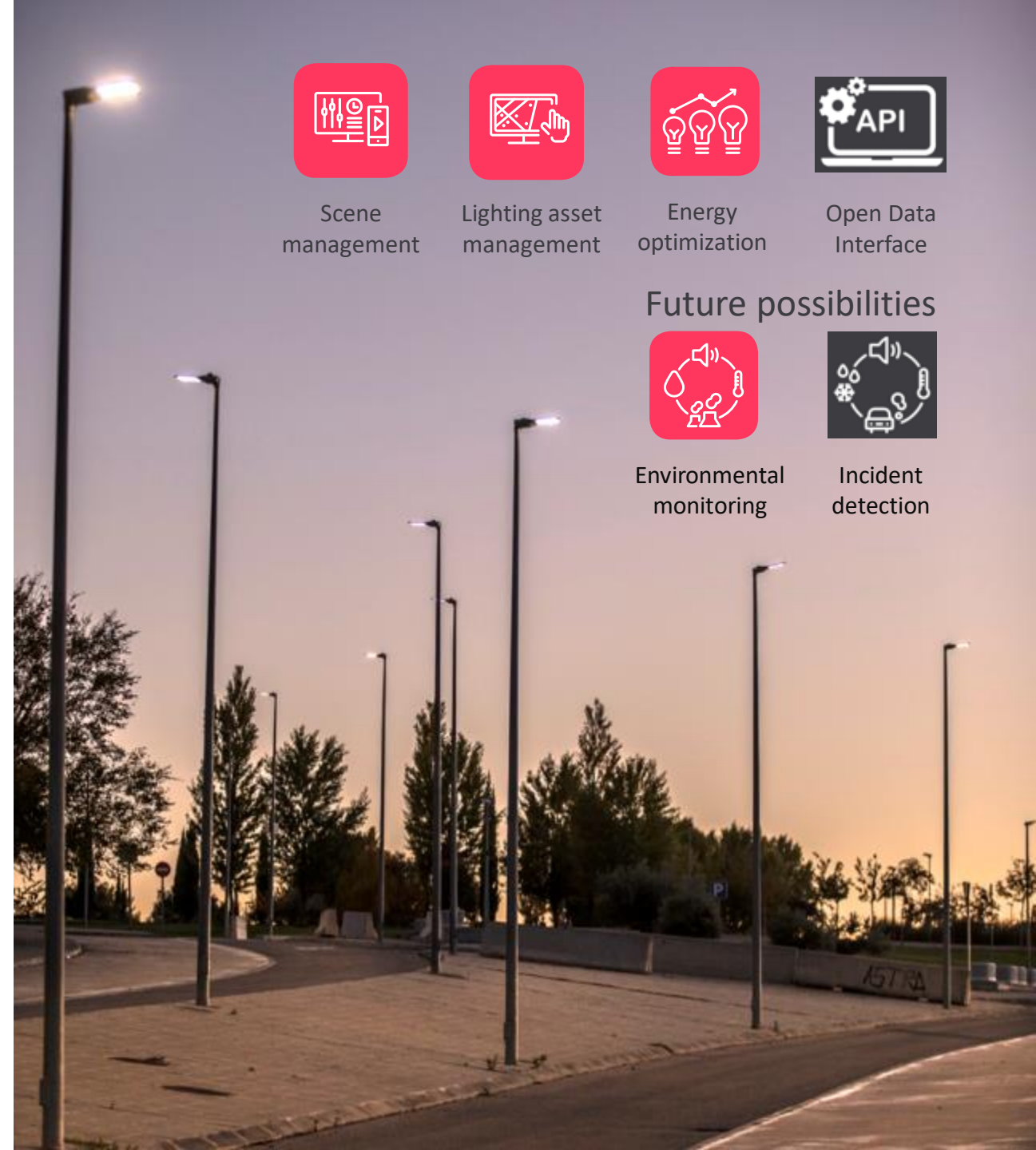
80%

Reduced lighting energy consumption

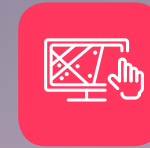
Interact City

With Interact City, you can:

- Improve operations – with remote control & real-time monitoring of all outdoor lighting
- Ensure uptime – immediately identify and rapidly respond to lighting failures
- Illuminate intelligently – deliver light when, where and as needed with flexible lighting schedules
- Enhance city safety – adjust lighting automatically to support first responders
- Minimize energy usage – automatically dim lighting at night when streets are quiet
- Gain insight to improve city liveability – use sensors to collect lighting and non lighting-related data
- Make your city a smart city – make your lighting infrastructure an enabling platform for smart city applications



Scene
management



Lighting asset
management



Energy
optimization



Open Data
Interface

Future possibilities



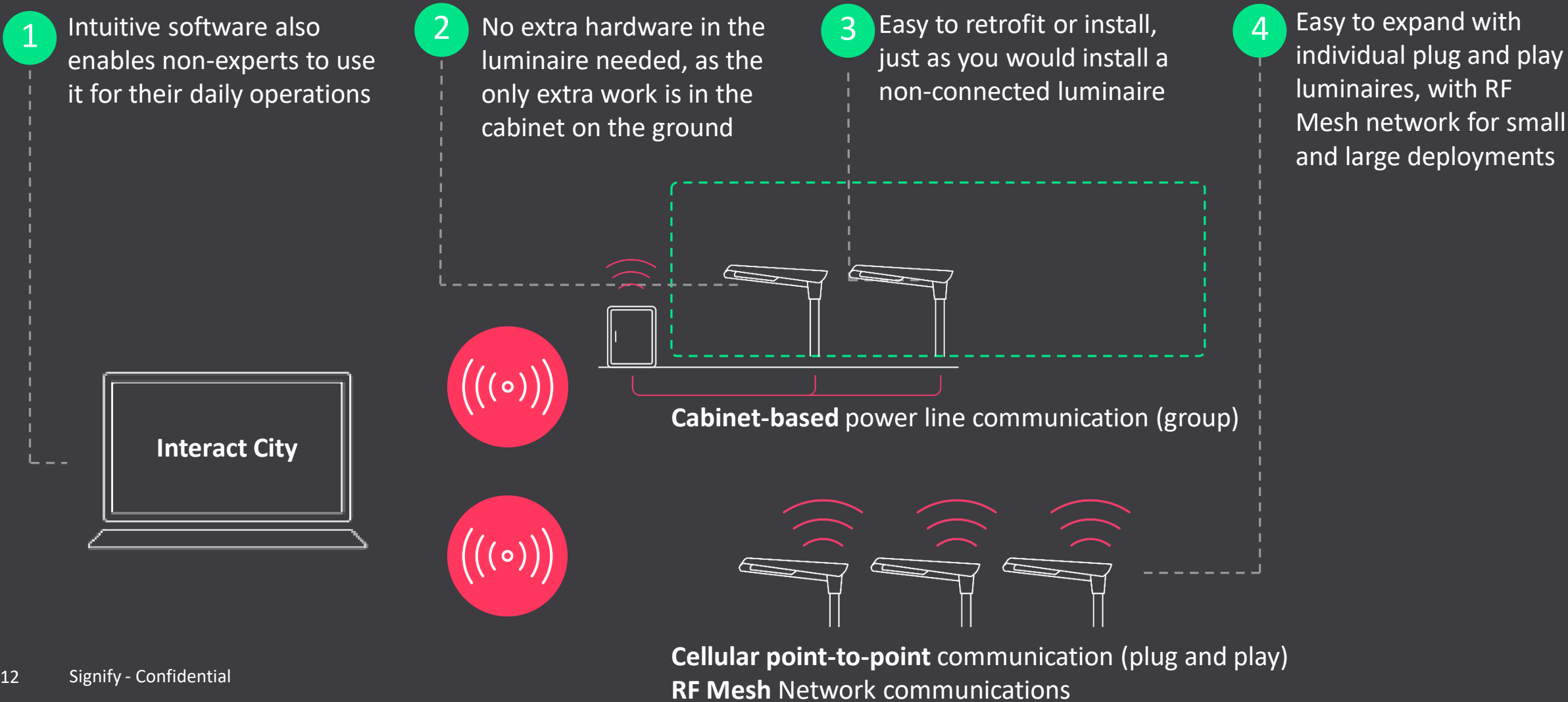
Environmental
monitoring



Incident
detection

Full End-to-End Lighting management application

Easy to install, use and expand



@signify