



OTOMO[®]

OPTIMIZED OFFICE AUTOMATION

OTOMO is a system designed to optimize comfort and energy saving in office buildings.

It works by **DETECTING THE PRESENCE OF A USER IN AN ENVIRONMENT** and consequently managing lights, energy saving, environmental parameters.

OTOMO is an innovative system designed to optimize a single target: the office.

OTOMO stands out in the market with a professional proposal: easy to install, scalable and affordable, it requires minimum programming skills for its setup, providing a new relationship between simplicity and efficiency.

The OTOMO logo is displayed in a stylized, white, sans-serif font against a teal background. The letters 'O' and 'M' are larger and more prominent, with the 'O' having a circular cutout.The OTOMO logo is centered in a white, sans-serif font against a blurred background of an office interior. The letters 'O' and 'M' are larger and more prominent, with the 'O' having a circular cutout.

is a network of bluetooth devices born to manage optimization, energy saving and office control through smartphone and mobile devices.

EFFICIENT

Fast installation, reliable products. No logic to be setup, we thought of everything for you.



TECHNOLOGY DRIVEN

Internet of Things, Domotics, Savings, Control, Company management. The added value, finally.



PROFESSIONAL

Driven from wide experience in building automation, designed from specialists for professionals.



COMPREHENSIVE

Everything you need, no hitches & glitches.

what it controls



LIGHTING / CONSTANT DIMMING



BLINDS/SHADES



GATES



SHUTTERS

AUTOMATIC AND/OR PRESENCE-DEPENDENT MANAGEMENT

- lux metering
- control and constant brightness dimming through lux meters installed on the work table / ceiling
- energy savings thanks to shading control
- activation of "favorite" settings for single user / environment
- automatic zones shutdown



OTOMO[®] is APP



Each automated function can be immediately changed, switching to manual control using the APP [iOs or Android] which can **DISPLAY**:



room brightness



and **CONTROL**

lights,



blinds,

shades,



gates.



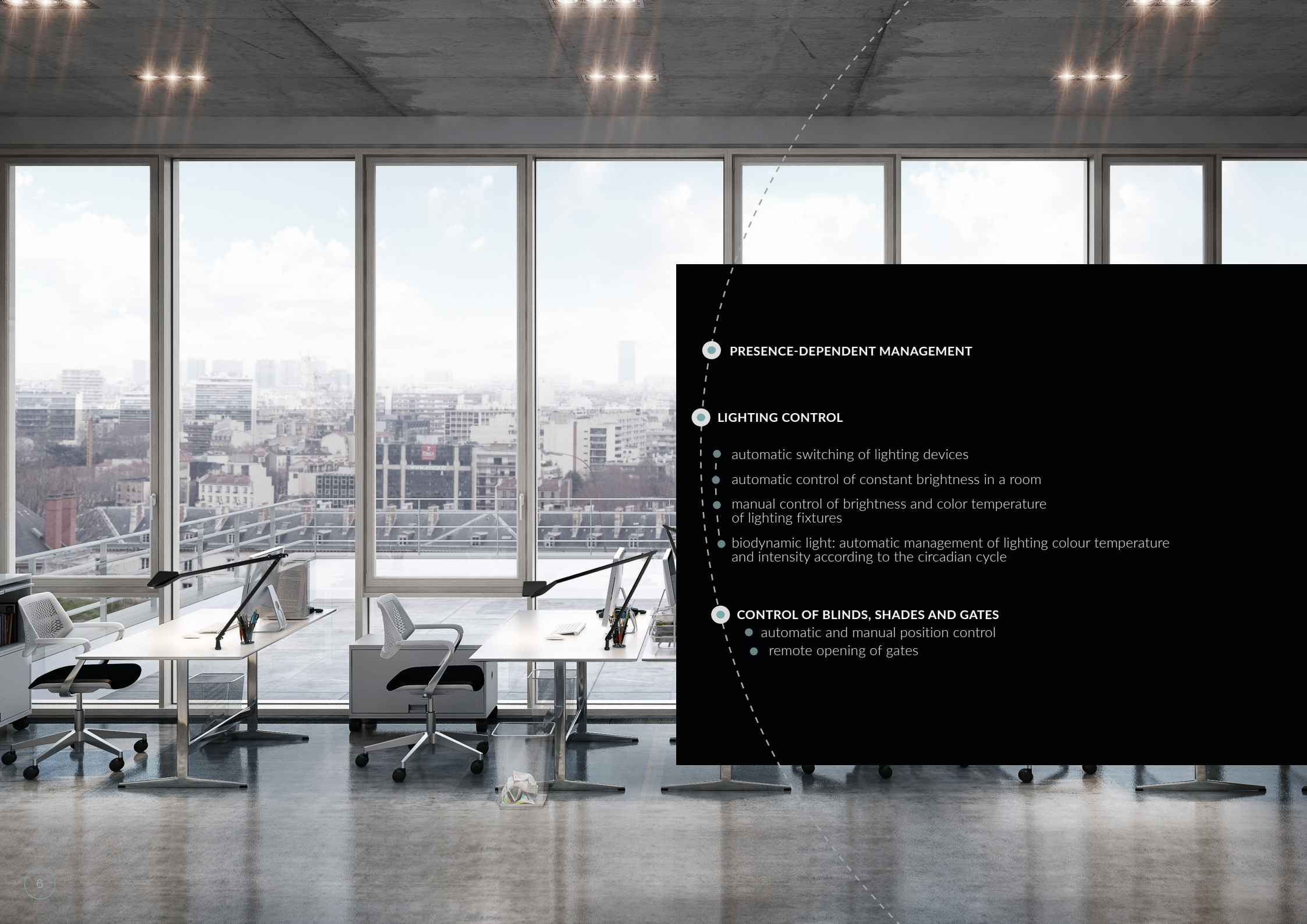
biodynamic light,



current state of all system elements,

favorite scenarios per user / environment.





● **PRESENCE-DEPENDENT MANAGEMENT**

● **LIGHTING CONTROL**

- automatic switching of lighting devices
- automatic control of constant brightness in a room
- manual control of brightness and color temperature of lighting fixtures
- biodynamic light: automatic management of lighting colour temperature and intensity according to the circadian cycle

● **CONTROL OF BLINDS, SHADES AND GATES**

- automatic and manual position control
- remote opening of gates



energy saving

OTOMO is compliant with the Efficiency Class A "High Energy Performance" of the European standard EN 15232.

OTOMO ensures savings to the office of

✓ **> 33% of lighting electricity** *

compared to office settings with traditional systems, without any automation control system (D class according to EN 15232).

* BACS efficiency factors



BACS - Building Automation and Control System

Sources:

- norm EN 15232 : "Energy performance of buildings - Impact of Building Automation, Controls and Building Management"
- Lighting Controls in commercial buildings. Williams A., 2012. Leukos.
- Politecnico di Milano - Laboratorio Luce - Dipartimento di Design: "Energy savings performance improvements with OTOMO installed compared to settings with traditional systems, without OTOMO" 2019 Prof. Maurizio Rossi



OTOMO matches different technologies, integrated to deliver Clients with uncompromised results.

Leading lighting, shades, shutters and sockets manufacturers have integrated **OTOMO** into their products, with the common goal of facilitating installation processes and add design value to technology.



JACKIE IoT ENZO PANZERI 2017

Extreme linear and simple design in a high technical constructive concept. Jackie's revolutionary innovation is its structure, characterized by extendable arms and a double junction mechanism that allows multiple head orientations enlightening the desired points.

Jackie is a family of LED lamps in die-cast aluminum alloy, available as table lamp -with base or clamp-, floor lamp, wall/ ceiling spotlight.



light intensity sensor

temperature sensor

The use of a table lamp embedded sensor is assuring *extremely accurate lux metering*, even in very clear spaces



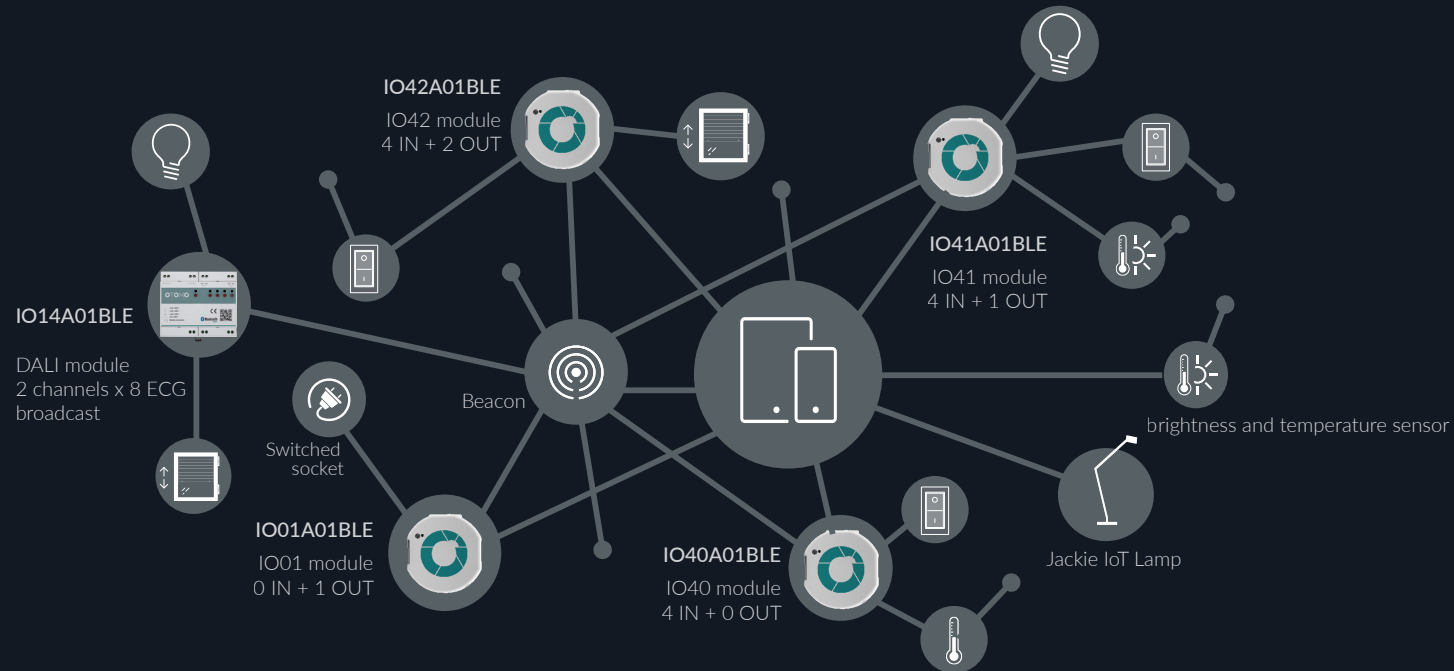
OTOMO
ENABLED

GIANO_IOT PANZERI

Modular extruded aluminum wall and suspension system. Light source made of LED module with direct and indirect light and separate switching ON/OFF or DALI/PUSH DIM integrated drivers. Finish in polyacrylic paint in white or black and smooth front finish of the profile.

Ideal for offices, corridors, stairways.

OTOMO[®] system components



All devices can be easily installed using the mobile App through direct import of QRcode parameters and automatic device recognition





IO14A01BLE



DALI Module
2 channels x 8 ECG Broadcast - Integrated Circadian Cycle - Power supply 230Vac



The brightness of the DALI lamps is driven by OTOMO SENSOR connected to the IO42A01BLE device or from the brightness sensor integrated in the Jackie IoT lamp.

Inputs

1 digital INPUT (dry contact)
e.g. to connect a conventional presence sensor

Outputs

2 OUTs - 16A relays
to drive 1 blind / 2 on-off lights / generic loads
2 channels x 8 ECG Broadcast



IO42A01BLE



IO42 module (4 IN + 2 OUT)
Power supply 230Vac



2 Digital INPUTs can be configured as: 2 single channels (e.g. On-Off command, excluding light dimming) directly connected to 2 lights/ loads or 1 coupled channel driving 1 remotely installed blind / load using a 2 way switch



Inputs

2 digital INPUTS / 2 analog INPUTS for BT01A01OTO SENSOR (temperature and brightness)

Outputs

2 OUTs - 10A RELAYS
to drive 1 blind / 2 on-off lights / generic loads



IO41A01BLE



IO41 module (4 IN + 1 OUT)
Power supply 230Vac

2 Digital INPUTs can be configured as: 1 single channels (e.g. On-Off command, excluding light dimming) directly connected to 2 lights/ loads or 1 coupled channel driving 1 remotely installed blind / load using a 2 way switch

Inputs

2 digital INPUTS / 2 analog INPUTS for BT01A01OTO SENSOR (temperature and brightness)

Outputs

1 OUT - 10A RELAY
to drive 1 on-off light / generic load



IO40A01BLE

IO40 module (4 IN + 0 OUT)
Power supply 230Vac

2 Digital INPUTs can be configured as: 2 single channels (e.g. On-Off command, excluding light dimming) directly connected to 2 lights/ loads or 1 coupled channel driving 1 remotely installed blind / load using a 2 way switch

Inputs

2 digital INPUTS / 2 analog INPUTS for BT01A01OTO SENSOR (temperature and brightness)

Outputs



BT01A01OTO SENSOR

Brightness & Temperature sensor

OTOMO brightness and temperature sensor provides the measurement of temperature and illuminance (lux) that are visible on OTOMO APP.

OTOMO sensor in an accessory of IO42A01BLE and is used to manage and dimming DALI lamps.



PD02X01CON PRESENCE SENSOR

Presence & light sensor 2 channels Inwall mounting

is a ceiling flush mount PIR detector. The load will be switched on automatically when the movement is detected and the ambient light level is below the Lux setting value. Until there is no movement detected and the pre-set delay time has been expired, load will be switched off automatically.



BE01AXXACC BEACON

Allows the recognition of the presence of a user in an environment in place/in lack of mobile devices.

Performance and low power, an available time for 5 years or more

- 01 white
- 02 black
- 03 red
- 04 yellow
- 05 green



OTOMO APP



User + Manager APP

OTOMO App is the application for Android & iOS devices that allows you to easily and intuitively control your office with OTOMO.

Thanks to OTOMO App you can control and manage the status of lights, blinds, curtains and gates in manual mode or according to the recognition of the presence of a user in an environment. You can also display the temperature and the lux level in an environment. With OTOMO App, you control your office with an automation experience tailored to your needs.



Eelectron S.p.A. is a Italian company that manufactures hardware and software of electronic devices compliant with **worldwide KNX standards**.

For more than 20 years Eelectron is, in the national scene, a role model of technological leadership in the application of the international protocol for home and building automation, KNX.

Eelectron, with its branch offices in Belgium, China, Dubai and Hong Kong, distributes its systems **in over 75 countries worldwide**.



HVAC



BUILDING CONTROL



LIGHTING



REMOTE CONTROL



ENERGY MANAGEMENT



BLINDS & SHADES

OTOMO®

OPTIMIZED OFFICE AUTOMATION

otomo.cloud

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