interact Landmark

Interact Landmark software enables dynamic light shows

The City of Namur in Belgium spectacularly illuminated its Citadel, originally built in 937, while reducing costs, engaging citizens, and attracting tourists.

“The LED technology enables us to lower our energy costs and significantly reduce the amount of light pollution.”

Arnaud Gavroy, Elderman of the City of Namur

Customer challenge

As a part of a wider beautification project, the city of Namur was interested in increasing tourism at one of its most important landmarks, the historic Citadel. In order to meet their sustainability targets, while also saving on energy costs and improving operational efficiency, the city wanted a flexible software-based solution that would enable remote management and control of the dynamic lighting on the façade.

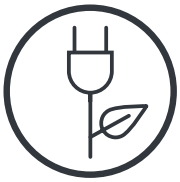
Solution

With extensive grounds measuring 80 hectares, it was important that the new lighting system respect the native fauna and flora.

“As one of the most beautiful historical sites in Europe, the recently restored Citadel of Namur deserved attractive and dynamic lighting that emphasizes its architectural splendor and the beauty of the area,” said Arnaud Gavroy, Elderman of the City of Namur and responsible for the Citadel.

Interact — Making it happen

The connected LED lights can be remotely dimmed and controlled using cloud-based Interact Landmark lighting management software. The new system supports the city's sustainability and economic goals by reducing energy costs up to 75% as compared to conventional lighting. The new installation has contributed to economic growth in the city by attracting tourists, many of whom stay overnight and enjoy all the city has to offer.



Green and beautiful

The City of Namur asked for an economically and ecologically sustainable lighting system for the illumination of its Citadel as part of Namur's city beautification strategy. The new lighting system was completed in October 2017.

Effective partnerships

For this project, we partnered with Genetec (installation) and Radiance35 (lighting design), as well as with subcontractors Keystone Technologies (system integration) and Painting With Light (lighting effects programming)—demonstrating that effective IoT applications rely on effective partnerships.

Lighting asset management

Easy commissioning plus remote monitoring of lighting performance, energy consumption, and fault detection. Know exactly what's happening and take action through real-time, data-enabled views. With cameras, you can visually verify light show performance via a cloud-based dashboard.

Scene management

Attract attention and create memorable experiences with dynamic LED connected lighting and programmable light shows. Align to time of day, season, festivals, or special events. Easy-to-use software lets you program and synchronize shows remotely over a cloud-based software dashboard or app on a mobile device.

Project details

- 80 ColorReach Powercore RGBW and 150 ColorReach Compact Powercore RGBW LED floodlights from Philips Color Kinetics
- All floodlights remotely monitored and managed by Interact Landmark
- Partner ecosystem for delivering highly integrated IoT lighting applications

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