



**Sensors**



**Switches**



**Controls**

## Application notes



**Application Note: January 2023**

**Industry: Energy and building efficiency**

**Product: UWP 4.0 + DLI-MCG**

**Customer: System integrator**

**Subject: BEMS integration for management of hotel lighting and temperature control systems**

### CUSTOMER ISSUE :

A system integrator needs to implement both lighting and temperature control systems to manage zones in hotels.

Zone sub-systems have to communicate with the hotel's BEMS through a BACnet® standards backbone.

### OUR SOLUTION :

The combination of the UWP 4.0 controller and gateway with the DLI-MCG DALI-2® sub-master, allows customers to build flexible lighting control solutions, based on a solid standard (DALI-2®) and easily integrate them into BEMS (Building Energy Management Solutions) thanks to the certified BACnet® features.

The UWP 4.0 also includes the necessary temperature control functions.

### BENEFITS :

- Modularity is important to organize the full architecture into interacting sub-systems using a common standard backbone. The UWP 4.0 is the right controller for managing a zone under BEMS supervision
- The UWP 4.0 also includes an integrated Web-Server for deploying customised dashboards profiled on specific user needs and permissions, allowing system integrators to add a redundant layer to increase the system's resilience