

## Press Release

### UWP 4.0 MONITORING GATEWAY AND CONTROLLER + DLI-MCG DALI-2 SUB-MASTER

EDGE solution for energy and building efficiency applications;  
powerful gateway/web-server/controller, for deploying both monitoring and active control systems in  
commercial, public and, industrial buildings.

Lainate, March 2023 - Carlo Gavazzi Automation, the international electronics group with activities in the design, manufacture and marketing of electronic equipment, today presents its new core for the UWP Ecosystem.

In its 2 DIN compact size, the UWP 4.0 provides a comprehensive solution for gathering information from meters and sensors, storing data into its secure database and exchanging it with the local Building Management Systems (BMS) via standard protocols like BACnet® and MODBUS, or remote Energy Management Systems (EMS) with Internet protocols like MQTT, FTP, SFTP,FTPS.

“The set of tools for this “Swiss-army-knife”, targeted at energy and building efficiency, is completed with embedded Web-server for custom dashboards, secure MaiaCloud VPN solution for remote access to the installation, powerful functions to manage monitoring data and alarms, setting control functions and sending reports to the user”, Alessio Costantini, International Product Manager says.

Given that lighting is an important part of the overall energy consumption in any commercial/industrial building, leveraging the DALI-2® to provide lighting control functions by means of a robust and mainstream market standard is a “must” when dealing with building efficiency: the new DLI-MCG024 module extends UWP 4.0 capabilities letting it operate as a complete lighting control system in a DALI-2® based installation, or as a part of a bigger DALI-2® architecture, thanks to BEMS (Building Energy Management Systems) functions available through BACnet®, MODBUS or Rest-API.

#### Main technical features

- **Compactness:** a comprehensive data and building automation controller in a 2DIN size
- **Scalability:** flexible and scalable solution, it can be extended via the huge ecosystem of compatible devices
- **Security:** developed with cybersecurity in mind; SE security enhanced version with official certification to be available in 2023
- **User experience:** software tools designed to smoothen the user’s learning curve
- **IIoT ready:** certified compatibility with standard fieldbuses like BACnet®, MODBUS, DALI-2® and internet protocols like FTP,SFTP,FTPS,SMTP,MQTT is the key for easy IIoT integration
- **Lighting control:** by either using the Dupline® ecosystem of devices or the DALI-2® certified support, users can match the needs of any lighting control system
- **MaiaCloud:** secure remote access to installations via an encrypted tunnel allow the saving of time and money while setting up or maintaining a pool of systems

#### ABOUT CARLO GAVAZZI AUTOMATION

Carlo Gavazzi Automation is an international electronics group with activities in the design, manufacture and marketing of electronic equipment targeted at the global markets of industrial and building automation.

Carlo Gavazzi Automation provides customers with technologically innovative, high quality and competitive solutions, in compliance with their requirements and expectations through its 22 National Sales Companies in Europe, the Americas and Asia & Pacific, operating with its production sites in Denmark, Italy, Malta, Lithuania and China.

#### For further information:

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