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Botanic Building - Brussels/Belgium Intelligent cross-application integration



Introduction

The prestigious Botanic tower is an iconic building in Brussels. It was constructed in 1965 and renovated in 2004, then the building has been extended in 2004 by adding a round tower.. It is an excellent example of how demand in renovation of building automation is increasing due to EOL systems and installations (End-of-Life) and how this can be combined with an intelligent functionality upgrade.

Requirements

The existing system reached its end-of-life and needed to be replaced by a modern alternative. The downtime of the building had to be minimized, so the old installation was running next to the new one. The field work had to be done floor by floor so the building was still accessible and running. Another requirement which is important for the owner is energy management. Various sensors had to be placed to gather and send data. Also, the various (existing) systems needed to be integrated in one BMS platform and had to be remotely accessible from any device with internet access (HTML5).

Centraline Products

Solution

Centraline Partner DTplan installed 22 EAGLEHAWK NX controllers and 1220 MERLIN NX BACnet room controllers. Thanks to the connection with the Building Management System everything can be supervised on any device with internet access, such as smartphones, PCs and tablets. The collected data is sent to an external company which analyzes the usage and adjusts the settings if necessary.

Customer value

“Our decision for Centraline-Partner DTplan was based on the fact that they have a very strong experience in system integration and especially the integration of open-source systems. This solution also suits in our long-term vision, thanks to the open-source system we can modify or easily replace, in case of broken parts”, says Patrick Dumont, business manager at PROgroup.



EAGLEHAWK NX



MERLIN NX