



Grip on Well-being and Performance for Koraal
Various locations in Noord Brabant and Limburg

HEALTHCARE & LIFE SCIENCE RESEARCH

PROJECT DETAILS

Location

Limburg: 16 locations in Heel and Maastricht. Noord-Brabant: 7 locations in Boxtel

Building type

Residential complexes and multi-functional service centers

Delivery

Control technology for central control of the climate installations from 23 locations

Version

Renovation

End user

Koraal

Contract period

2021 – today

BUILDING AUTOMATION SOLUTION

Hardware

A custom programmable Optiflex™ BACnet Building Controller, type OF1628, including multiple universal IO modules.



Software

The web-based platform WebCTRL® Premium. This premium version does not limit the number of devices that can be connected and the number of users.



Control over the performance of climate control systems across an increasing number of locations

Koraal provides care, education, and employment for people of all ages with severe intellectual disabilities and complex behavioral and/or psychiatric challenges. Clients and students receive the support they need at specific moments in their lives. To optimize the management, comfort, and costs of the climate control systems across its various locations, Koraal sought a partner and solution. They chose Risto Regeltechniek, a partner of Carrier Building Automation Solutions.

“We have full confidence in the WebCTRL® platform, which will bring greater insight and coherence across our schools, offices, and care locations.”

Kenny Rovers, project Leader at Koraal



Currently, Koraal has connected 23 locations for care, education, and employment, with this number continuing to grow. The connected installations at these locations are climate-related. The central organization aims to improve control over these systems and gain better insights into their costs and benefits.



Challenge

Koraal operates numerous locations with individual climate systems. The organization seeks a centralized solution to manage these systems efficiently and to gain more transparency in their operational costs and outcomes.

There is a need for **uniformity** in management and maintenance, leading to improved system performance and reduced energy consumption and costs. Additionally, end-users and maintenance companies should be able to access the central management system **regardless of location**. **Enhancing comfort** for clients, students, and employees is also a key priority.

Looking ahead, the central solution must be **flexible** enough to integrate new locations seamlessly.

An added value is the global service we provide and the fact that the newly supplied hardware and software are compatible with older versions, ensuring that investments are never wasted.

Solution

Delivered is the web-based WebCTRL® Premium platform for centralized control of all technical systems. This premium version places no limit on the number of devices or users that can be connected. The central organization gains insight into the costs and benefits of climate systems at the connected locations. Through the platform, malfunction reports can be forwarded to maintenance companies.

Risto Regeltechniek trains users to take full advantage of the platform after the software system's implementation. When a new location is connected, users can be trained through online courses.

Results & benefits

The WebCTRL® platform contributes to reduced energy consumption, cost savings, uniform management, flexible system access, and enhanced comfort for building users. The platform facilitates data-driven decisions to realize these benefits.

Thanks to the flexibility of WebCTRL® Premium, Koraal can connect all their

locations to the platform. An increasing number of building users are experiencing positive impacts on health and well-being.

Please contact your local representative for further information.

