

Realizing The Worlds Smartest Airport, Zurich Airport, Circle

Boasting some 180,000m² of floorspace, Zurich Airport's new headquarters and trailblazing innovation centre Circle, is set to enhance Zurich's attractiveness well into the future (Opening 2020). Where business meets lifestyle Circle offers a variety of spaces from offices, hotels, health, shopping, and restaurants facilities. bGrid provides the smart

building backbone to Circle's H12 building. Using products such as Microsoft Azure & Power BI, we deliver valuable data and insights to both the owner, managers and end users. They gain insight into the utilization of the various rooms and workplaces, the air quality, temperature, light, crowdedness and other values.



CIRCLE
AT ZÜRICH AIRPORT

At-a-glance:

Customer: Flughafen Zürich AG, Zurich Airport

Website: <https://www.thecircle.ch/en>

Customer Size: 1,400+ employees

Country: Zurich, Switzerland

Industry: Aviation

Products and Services: Microsoft Azure

Customer challenges

The bold vision to have one interconnected small city that provides a frictionsless digital experience across the brandhouses, restaurants, conference center, workplace, healthcare and eventually also the airport core services. One experience that connects people to each other and to the different services offered across Circle. The ambition goes beyond the end user experience, but very much about the more facility-centric topics to save costs on energy and facility management. To realize one connected experience, one consistent smart building platform across the building is needed that connects to the different sensors, beacons and building assets.

Partner Solution

Integrated into the architectural design, bGrid sensors are subtly incorporated into the open plan ceilings of Circle. Collect usage data via Microsoft Azure which can then be displayed in a Power BI dashboard for administrators. bGrid combined with Microsoft tools also enables the facilities team at Zurich Airport's H12 building to control the use of space in the building. Monitoring temperature, humidity, lighting and occupancy levels across the entire building. Delivering customized data direct to Zurich Airport's management allows for accurate measurement of Circle's footprint and the effectiveness of the use here-of.

Customer Benefits <https://www.thecircle.ch/en>

The partnership with bGrid allows Zurich Airport to develop one consistent smart building platform across the H12 building at Circle that connects the different sensors, beacons and building assets. bGrid's openness and flexibility allows third-party apps to utilize the bGrid enriched data to improve the user experience. Users of the H12 building can, for example, easily find locations and free workplaces, or find a space with their comfort and health preferences. In addition the bGrid data can be used to optimize facility management. Zurich Airport can thus offer bGrid as a Smart Building Service to their future colleague tenants.



Thanks to the close support of bGrid, a unique experience of a Smart Workplace could be realized for the user. The provision of information about the utilization of work areas and localization data will make a significant contribution to the efficient use of the office environment.



Collect data on building usage, effectiveness, performance and air quality for an optimal return to the office. Create an automated perfect climate.



Invest in the future, make sure your building is adaptable to the unknown future, have your real estate grow with your own organization.

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 <https://bgrid.com/>

