



### Bank of canton Basel-Stadt (CH)

- 1 The air was heavily exposed with different odors from kitchen exhaust, chemical plants, waste gases and sewers. Today, the smell is neutralized with the help of Varionix ionization and disinfects the air simultaneously. Thus, the climate is brought to an optimal air quality. The building has a ventilation system with air circulation of 28'000m<sup>3</sup> / h



### Varionix System Solution

- 2 Eight Varionix ionizers Varion type KHF5 installed in the air channels and mono block. A Varionix Convar ACU1 with an air quality sensor controls the complete system.
- 3 An air quality sensor type Varionix Convar AQS1. This sensor monitors the air quality of organic and inorganic units (VOCs) in the air and thereby controls the ion production on the Varionix regulator. The nominal / actual value can be set manually.
- 4 The control cabinet of the HVAC system switches on the ionizers by monitoring the Air Fans (V-belts and safety). The ionizers are running only when a certain amount of air is circulated.

