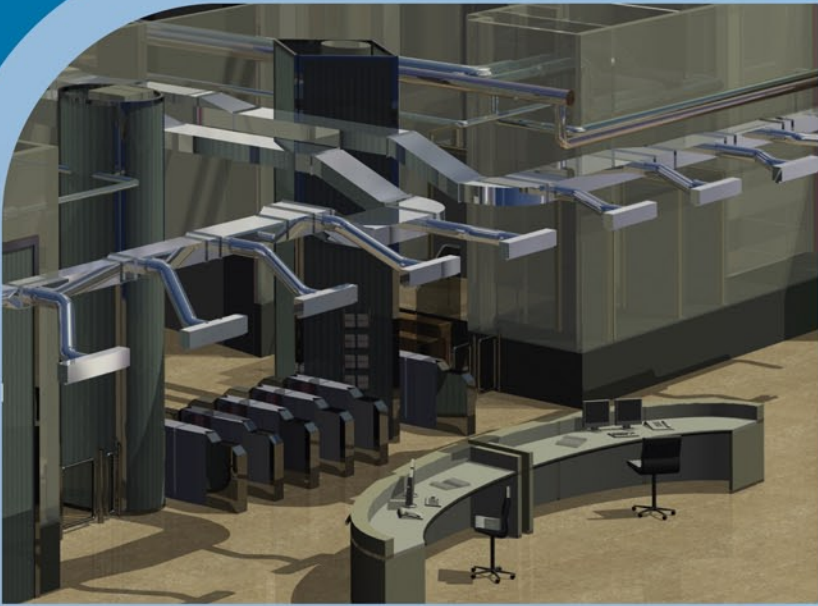


# BUILDING WINNER

BE AWARDS  
OF EXCELLENCE



## BIM FOR SUSTAINABLE DESIGN

Due to the glorious past of the buildings constructed in the 17th century, strict legal and urban constraints are defined for these classic buildings. The Kanselarij Cluster Restructuring project includes nearly 800,000 square feet of renovation, rebuilding, and refurbishment on King Street in Brussels' Royal Quarter. Many of the buildings in this sector date back to the 17th century, and there are strict constraints regarding their modification. A multifunctional atrium, connecting five technically and functionally independent and flexible buildings with outstanding architectural exposure and high performing technical targets, is at the heart of the project cluster. The renaissance of two classical buildings integrated in the 21st century cluster is a challenge for both designers and engineers.

The firm opted for a 100 percent site survey using 3D laser scanning. To capture and manage the native data and produce MicroStation DGN files, the firm used Bentley CloudWorx, MicroStation V8 and the TriForma extension for MicroStation, among other applications.

### Kanselarij Cluster Restructuring Project

Fortis Bank