

Revizto Unlocks International Collaboration on CERN's Building 777 Project for Artelia

In the heart of CERN's groundbreaking research campus, a new landmark is rising: Building 777. This architectural marvel, crafted from eco-friendly timber and boasting a minimal carbon footprint, stands as a testament to sustainable construction practices. The Artelia Group, a global leader in multidisciplinary consulting, has partnered with Revizto to orchestrate the construction of this pioneering structure, harnessing the power of collaboration to bring this vision to life.

The Project

Spanning an impressive 12,000 m², Building 777 will house a vibrant mix of offices, cutting-edge electronics laboratories, a 500-seat restaurant, and ample parking space for 270 vehicles. This ambitious project presents a unique challenge: its intricate design and the involvement of numerous international stakeholders demand seamless communication and coordination to ensure its successful completion.

The Challenges

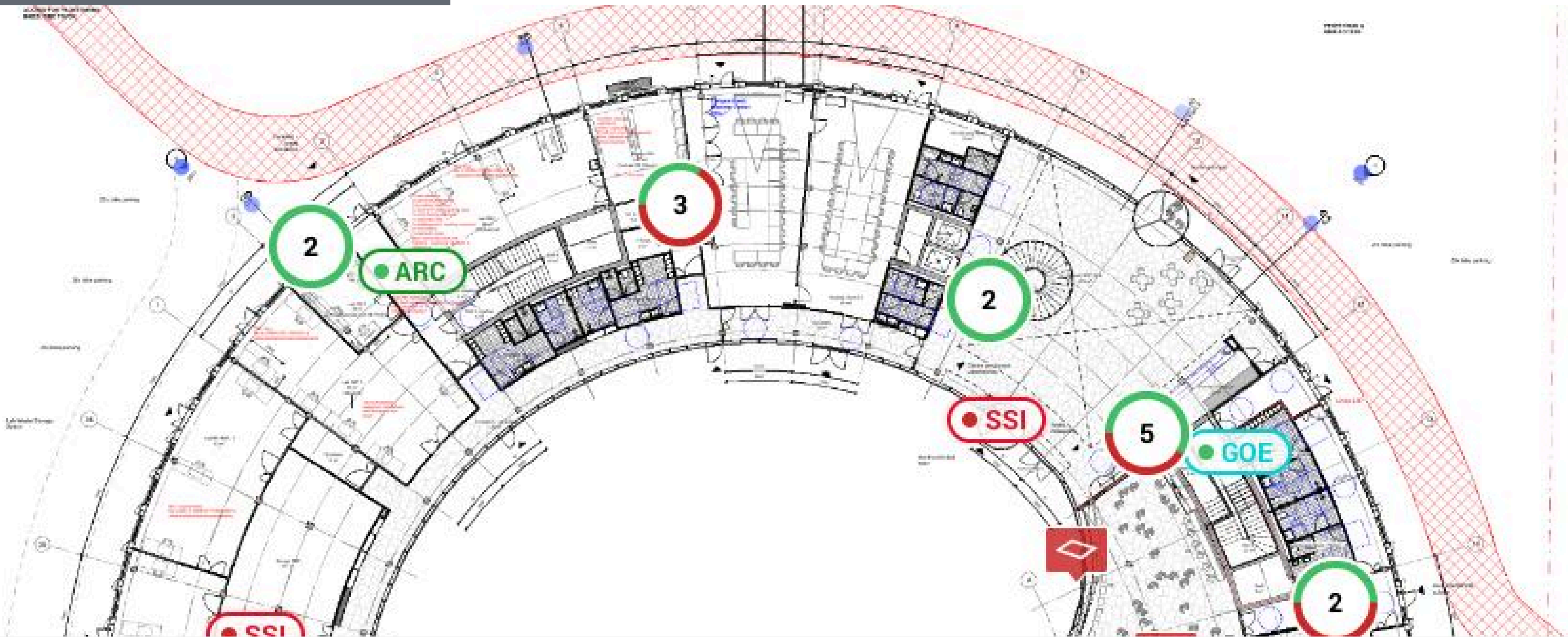
Before using Revizto, Artelia faced several obstacles in project management:

- **Lack of Centralised Access to Models:** Making models and associated graphic documents available and viewable in a planned and organised manner was a challenge.
- **Absence of a Review Platform:** The lack of a single environment for reviewing and discussing project details complicated communication and coordination.
- **Change Tracking:** Managing changes and issues throughout the project was time-consuming and inefficient.

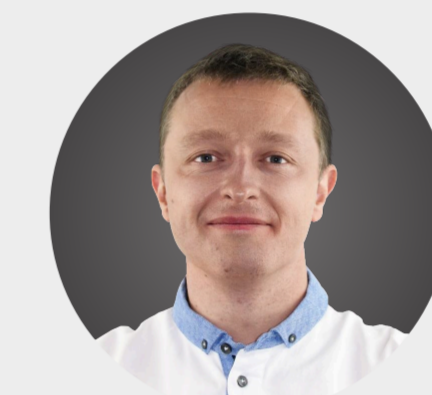
The Solution

Integrating Revizto into the project significantly addressed these challenges:

- **Centralisation and Accessibility of Information:** Revizto provided a centralised platform for visualising models and graphic documents associated with geometric, graphic, and alphanumeric information.
- **Improved Collaboration:** The platform enabled real-time collaboration, a single information flow in a common environment, reducing misunderstandings and delays.
- **Efficient Change Tracking:** With its change and issue management features, Revizto enabled accurate tracking, from change detection to resolution.



“ The use of a large number of tools within the same project is a real challenge in our sector. Revizto offers a homogeneous solution in the form of a shared and common environment, with functionalities that meet our daily challenges.

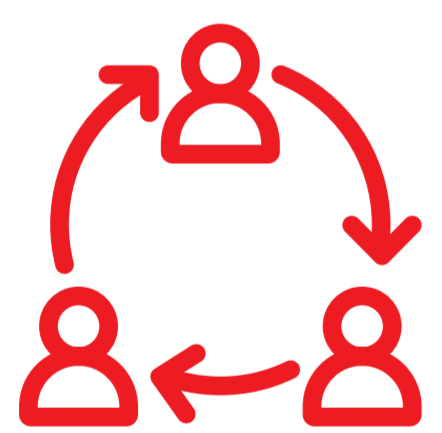


Julien Blachere
Senior BIM Manager

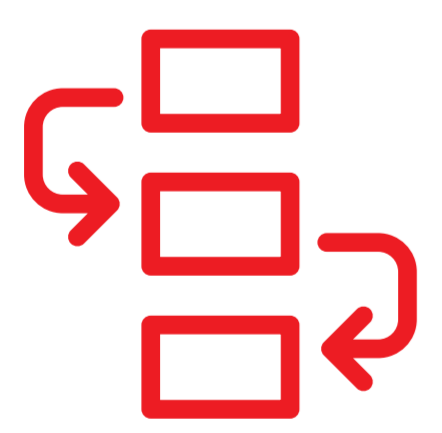


Major Benefits

Adopting Revizto generated tangible benefits for Artelia's teams:



Increased Collaboration: By connecting teams in a shared space, Revizto improved communication and coordination, facilitating decision-making.



Enhanced Efficiency: Workflows were optimised, and manual, tedious tasks were reduced, increasing overall project productivity.

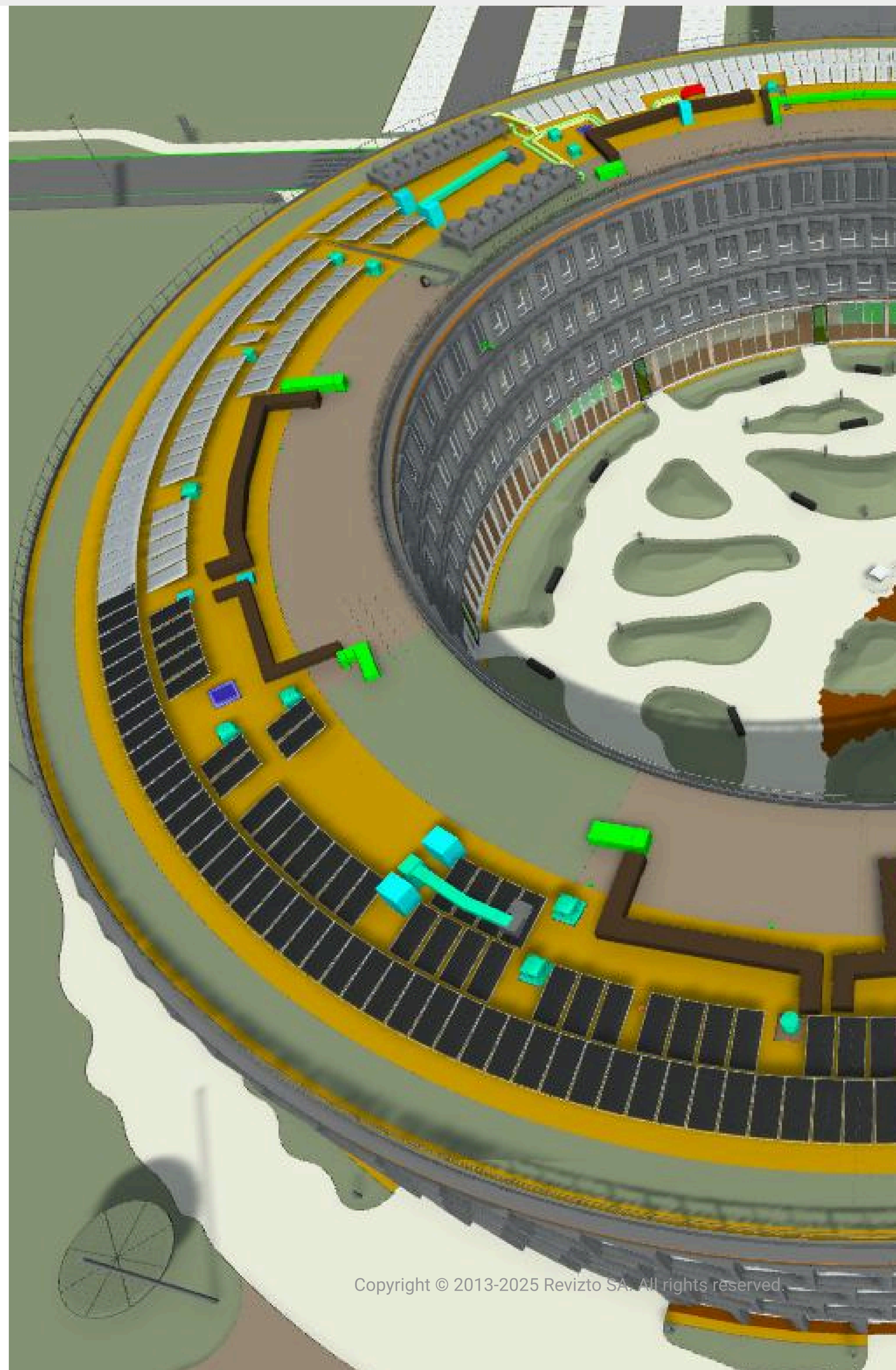


Improved Quality: Rigorous change tracking contributed to better quality control and reduced on-site errors.



Cost Reduction: By minimising errors and optimizing processes, Artelia saved time and money.

For Artelia, adopting Revizto not only standardised the work environment within the project framework but also considerably reduced repetitive tasks by automating, for example, the publication of model updates via the Revizto planner.



Perspectives

Artelia is committed to continuing its exploration of digital technologies to further innovate in its core engineering field. The group seeks to maximise the efficiency of future projects while maintaining the highest level of quality. For Julien Blachere and Artelia, the future of digital construction lies, for example, in the development of a dynamic Digital Twin, initially static in Revizto, which will allow efficient and fluid information sharing throughout the phases of a project or even the life of a building.

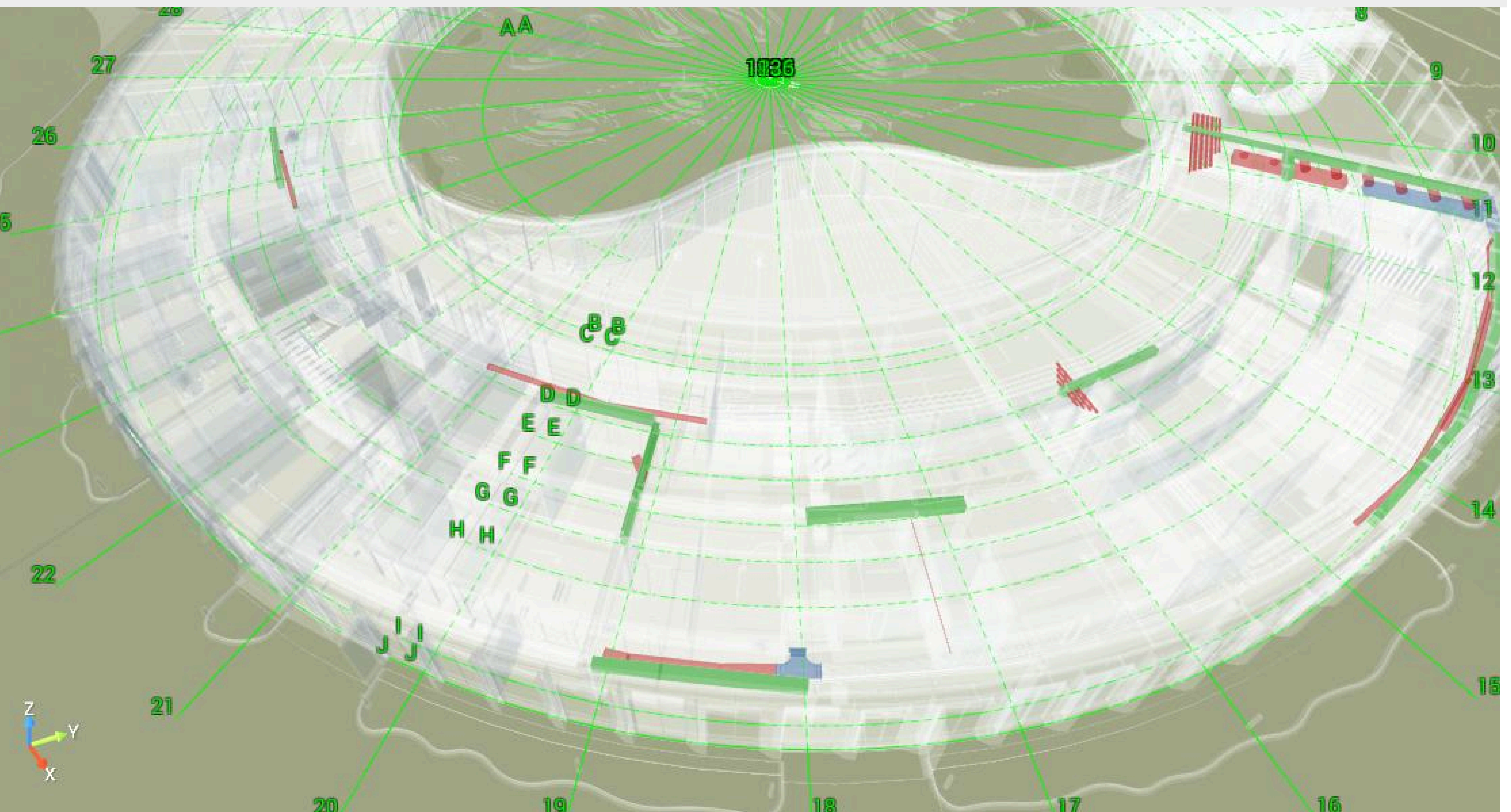
Conclusion

In the construction of CERN's Building 777, innovation wasn't just in the building's design, it was also embedded in the processes. Revizto provided the collaborative backbone, enabling Artelia to break down communication barriers, optimise workflows, and deliver a project that exemplifies the future of construction and collaboration on an international scale.

“ Revizto's collision detection is the best on the market, its functions are comprehensive, and its power allows it to be imagined on very large industrial-type projects.



Julien Blachere
Senior BIM Manager



For more information and to request a demo, visit revizto.com