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Michael Lubkoll, Manager,
Volkhausen+Lubkoll



Exhibition Planning at the Museum of German History, Berlin

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Exhibition Planning at the Museum of German History, Berlin

The dimensions of the permanent exhibition at the Museum of German History in Berlin speak for themselves – 8,000 exhibits, several hundred glass cabinets and display walls located across an area of 7,500 m². Not surprisingly, the architectural firm Volkhausen+Lubkoll faced unusual challenges during the technical planning phase for the permanent exhibition. The goal was to complete technical planning for all of the 540 glass cabinets and 208 display walls on time and free of conflicts. The architects used Allplan to represent the exhibition architecture as a component-oriented building model. This allowed them to coordinate the complex requirements and individual designs required for project successfully.

The detailed 3D renderings made it possible for the client to visualize the exhibition well in advance. The client was so pleased with the professionalism of the visualization, Volkhausen+Lubkoll were asked to put the video sequences together and thus created a virtual tour of the exhibition for public visitors. The existing building was enhanced in 3D for that purpose and images of the exhibits were integrated in the model. Through the use of professional renderings, even lighting with shadows and reflections could be visualized which created a comprehensive impression of the exhibition long before its opening day.

Volkhausen+Lubkoll felt they benefited greatly from their ability to smoothly implement design changes as they were encountered by the architects during the course of the project. Having centralized data management was a significant advantage as exhibits were dropped or made newly available up until shortly prior to the exhibition's opening and dynamic planning was required. Given the many changes during the planning process, the architects found it extremely helpful that they could use Allplan to manage a very large volume of information centrally and transparently and easily transfer the information to other software solutions. A direct result was that the exhibition was able to open on June 2, 2006 on time. Since then, interested visitors have been able to learn about 2,000 years of German history in the historic armory building in Berlin.

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Products/Solutions

- Allplan Architecture
- Allplan Engineering
- Allplan Building Services
- Design2Cost
- Round-Trip Engineering
- CINEMA 4D

Project Data

Client
Federal Office for Construction and Zoning, Berlin

Planning and Construction
Volkhausen + Lubkoll, Berlin

Construction Period
October 2004 – June 2006

About the Architects

Volkhausen+Lubkoll was founded in 1996 by its managing partners Franz Volkhausen und Michael Lubkoll and covers the entire performance spectrum involved in the architectural design process. The Berlin-based company has many years of in-depth experience in museum and exhibition construction, with a particular emphasis on projects involving existing buildings that are subject to historic preservation protection. Homepage: www.volkhausen-lubkoll.de