

NEW CAR PRODUCTION PLANT FOR JAGUAR LAND ROVER DESIGNED IN BIM



End 2018, Jaguar Land Rover has opened its new car production plant in Slovakia; the company's first luxury car production plant in continental Europe. VCES/Bouygues as a general contractor, involved Bilfinger Tebodin to design the paint shop building, including a warehouse with a total floor area of approximately 53,000 m².

Bilfinger Tebodin engineers executed the architectural and structural design for cast-in-place structures, as well as overall project BIM coordination within all involved disciplines. Project Manager Martin Klepetko on the project: 'As many of the designed parts are executed by a variety of subcontractors, this project was quite complex. We therefore agreed at the beginning of the project with VCES to use BIM'.

With BIM procedures, requirements, clash detections and design reviews limit mistakes. It coordinates design between all involved different parties and avoids reworks on the construction phase, saving time and money. BIM experts from Bilfinger Tebodin's Lviv office in Ukraine supported the design phase.

Market industrial
Client Jaguar Land Rover
Location Slovakia

Scope of work

- Architectural design
- Structural design
- BIM coordination

Lyubomyr Veselivskyy: 'We provided the drawings and oversaw its services performance. These days, more and more clients specifically ask for BIM, knowing the advantages it offers'.

BILFINGER TEBODIN

