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## NEW CAR PRODUCTION PLANT FOR JAGUAR LAND ROVER DESIGNED IN BIM

At the end of 2018 Jaguar Land Rover 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 m<sup>2</sup>.

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 mistakes are limited. 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. 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'.

Watch the video to learn more about the usage of BIM technology.

**For more information about engineering in BIM, have a look at our services.**

