

SENSOR FUSION PLATFORM

X2BIM

The future of data processing for innovative, more efficient handling of infrastructure projects

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X2BIM data platform

The X2BIM platform, developed jointly with DB Engineering & Consulting is used for the multidimensional data acquisition of large infrastructures. It bundles high-quality data from multicopter flights, mobile mapping systems, terrestrial laser scanning and other data sources.

Point clouds, orthophotos and panoramic images are analyzed and evaluated in X2BIM and refined using AI-supported object recognition and GDPR-compliant anonymization. High-resolution 3D point clouds are used for as-built modelling and as a data basis for digital terrain models (DTM), BIM models and the digital infrastructure twin.

Who benefits from X2BIM?



Railroad engineer



Geodesist and surveyor



Project manager

One platform - many perspectives and possibilities

Orthophotos

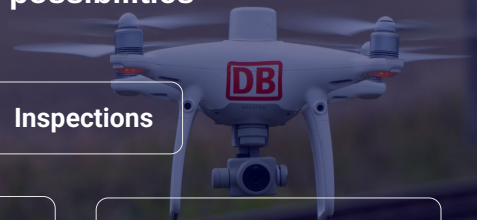
Object recognition

Inspections

3D Data models

3D point clouds & panoramic images

Cooperation with BIM



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Our added value

- 1 Cost-efficient project management
- 3 Single Sign On (User Management)
- 2 Intuitive look & feel
- 4 New sensors and formats