



the **NEW**
digital

**BIM2FM MIT
PIT - CAD ULTIMATE**

Valentino Scopece, pit – cup GmbH

12.11.2021, Online-Event

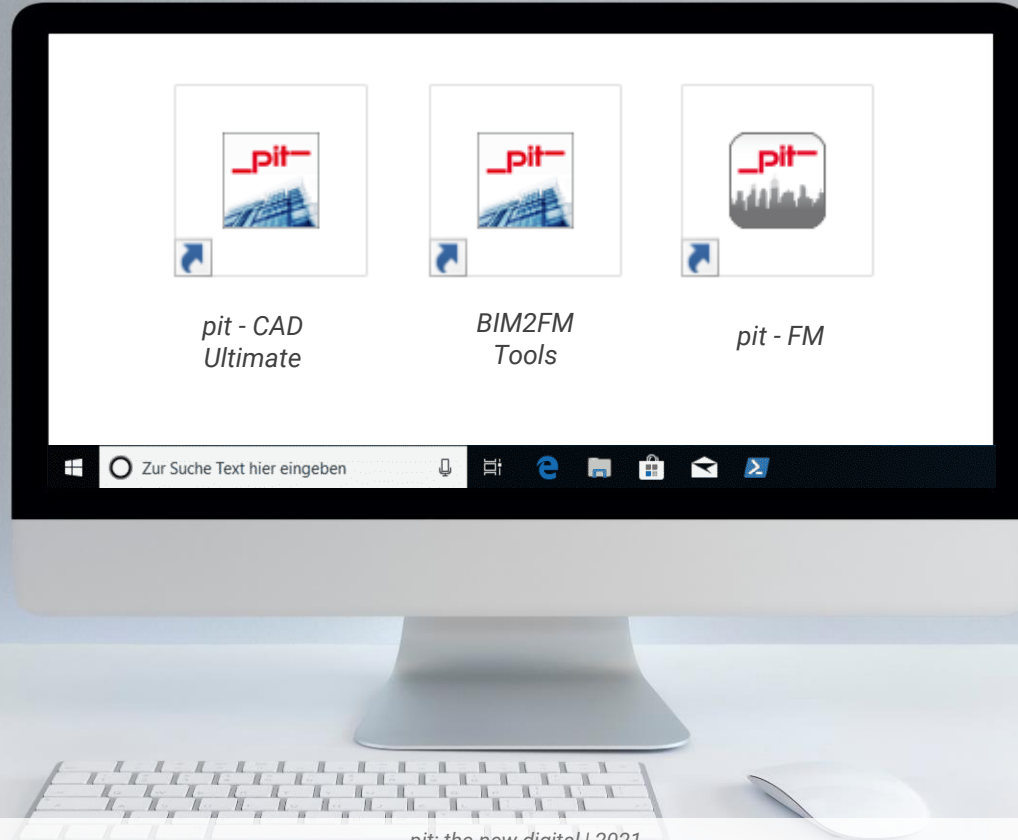
AGENDA

- 
- The background of the slide is a blurred image of a black pen lying on a spiral-bound notebook, which is resting on a reflective surface. The image is in a cool blue color palette.
- 01** *Toolset und Datenfluss*
 - 02** *Übersicht im BIM-Prozess*
 - 03** *Live Vorstellung*

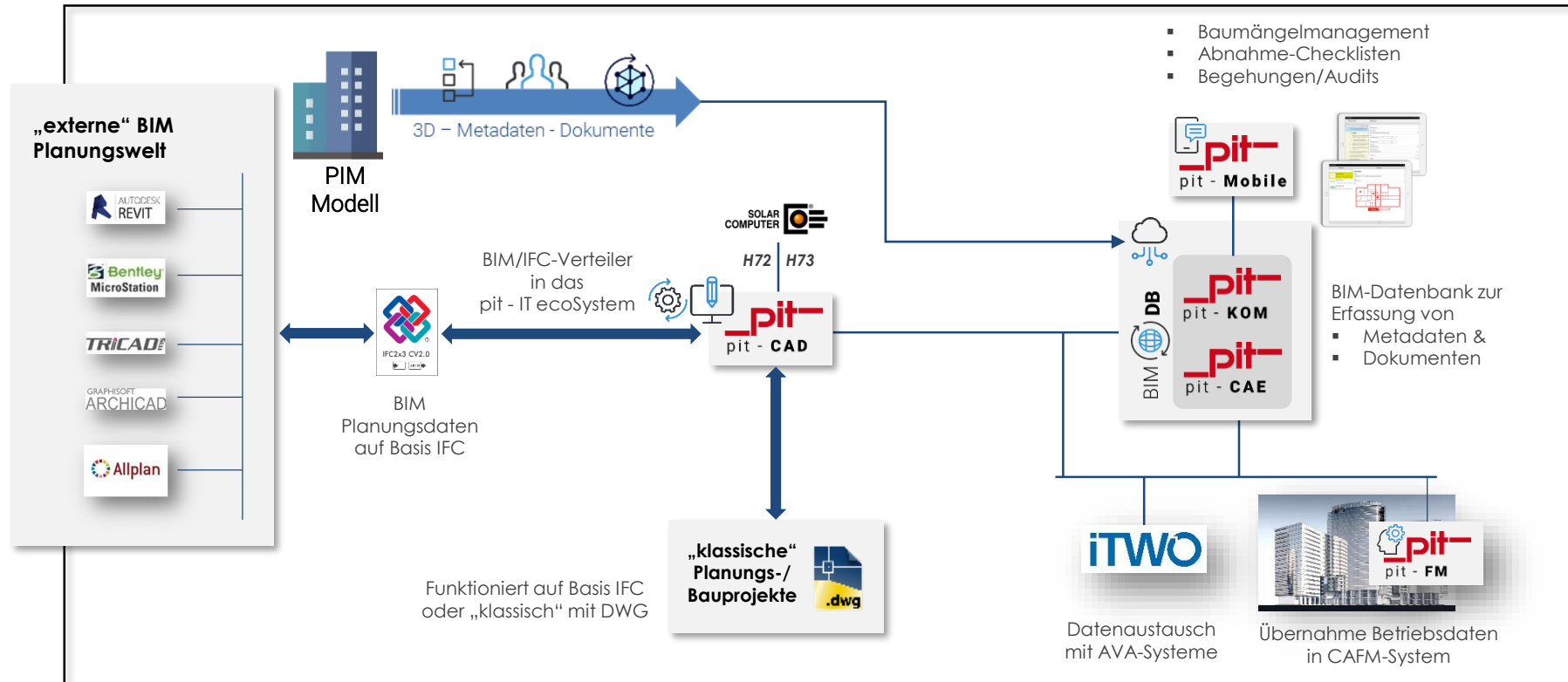
01

Tools im BIM Datenfluss

*Unserer Produkte im IT ecoSystem der
BIM-Methodik*



pit - ecoSystem Datenflussdiagramm

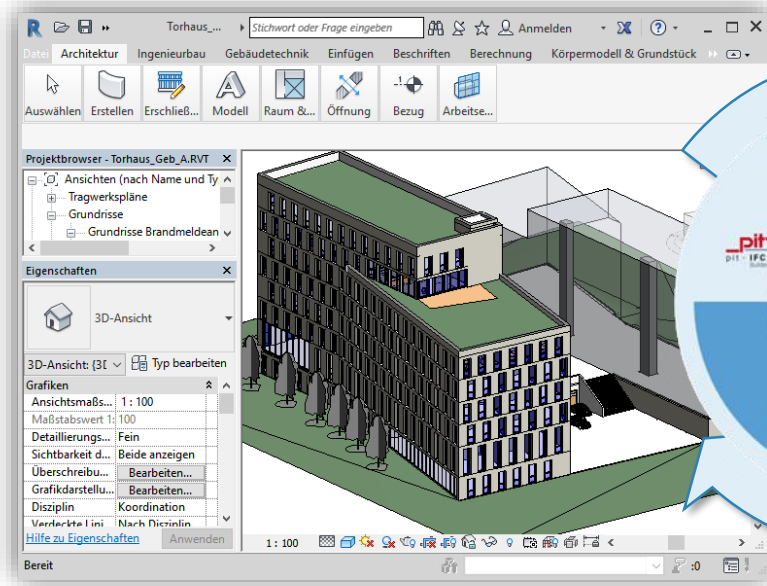


02

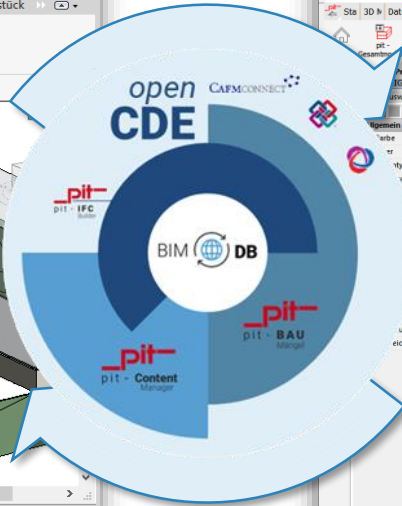
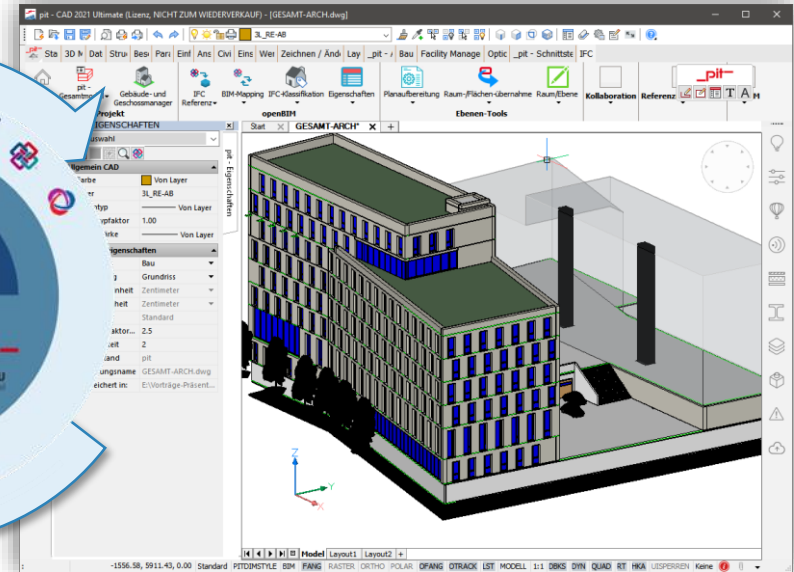
Übersicht: von BIM zum „pit - digital TWIN“

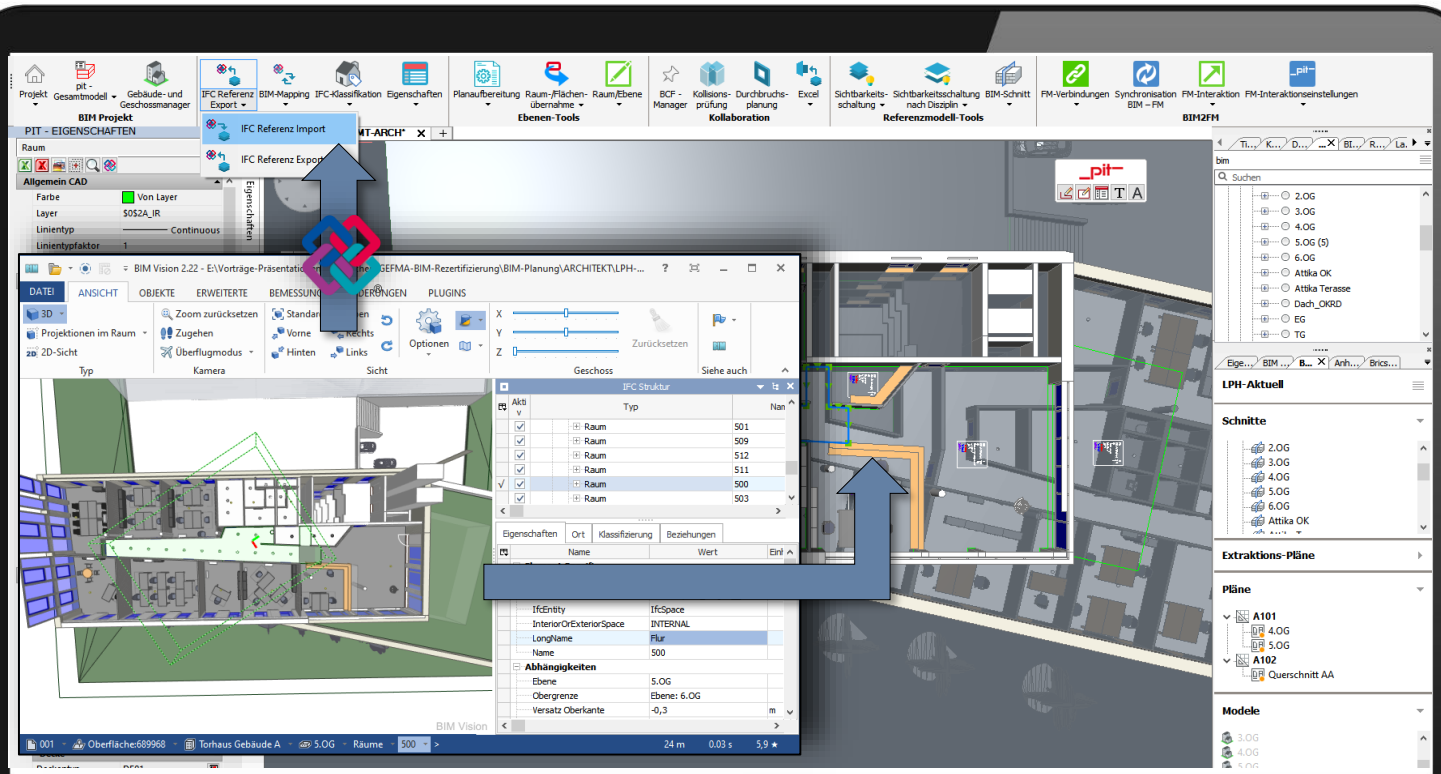
*Anwendung unserer Produkte in den BIM Phasen
Von der Planung bis zum digitalen Zwilling*

■ Interoperabilität in den BIM Iterationsphasen

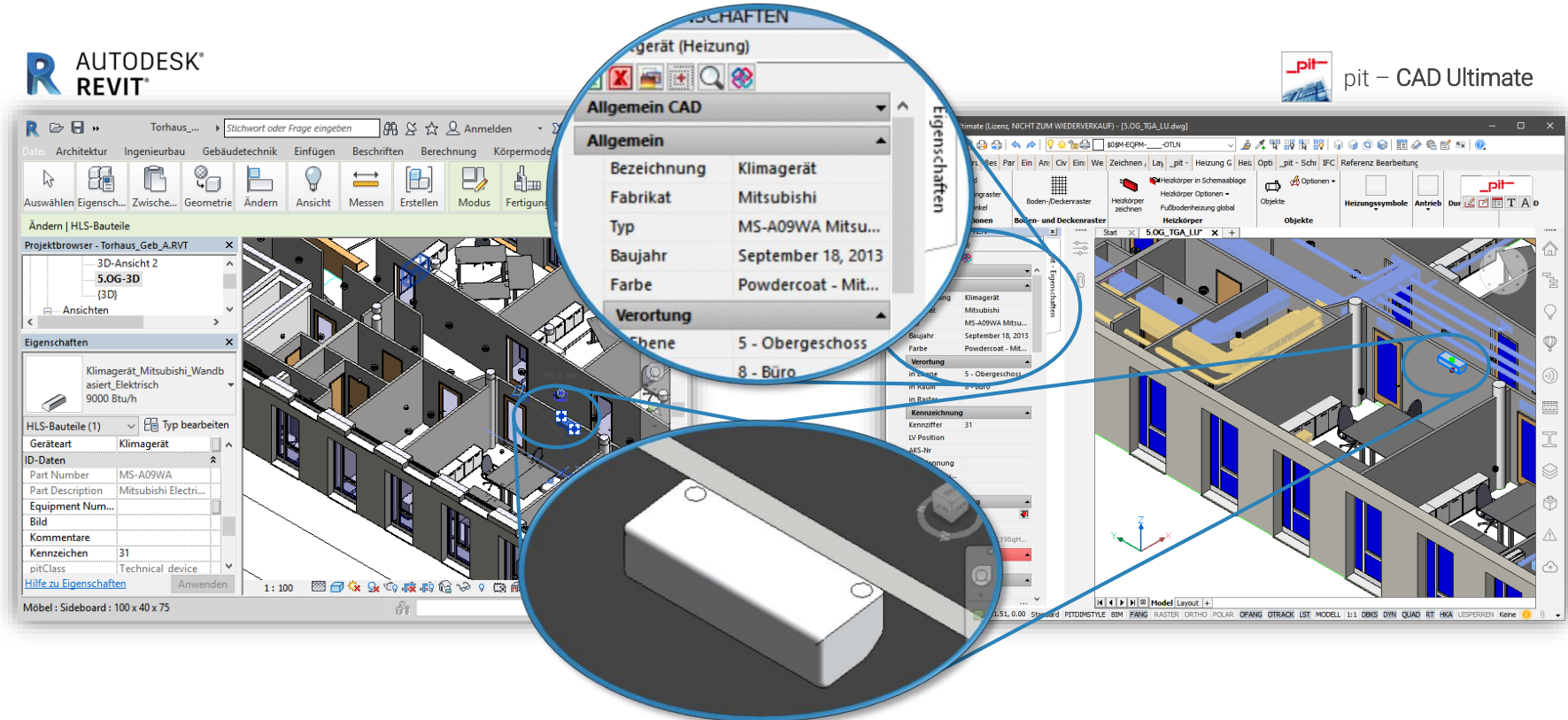


pit – CAD Ultimate





- *BIM Daten anreichern und mit Referenzmodelle arbeiten*



Vom „Project Information Model“ zum digitalen Zwilling

The image is a collage of software interfaces and a central diagram. On the left is the 'pit - CAD Ultimate' interface showing a 3D model of a building. In the center is a diagram titled '3D - Metadaten - Dokumente' with an arrow pointing from a 'PIM Modell' (represented by a building icon) to an 'AIM Modell' (represented by a building icon with a digital overlay). The diagram also features the 'pit-digital TWIN' logo. On the right is the 'pit - FM' interface showing a 3D model of a building and a table of data.

pit - CAD Ultimate

pit - FM

3D - Metadaten - Dokumente

PIM Modell

pit-digital TWIN

AIM Modell

Invoices	Operat costs allocat account
CAD	Reports
Architectures	Tasks / Orders
Task serials	Task serials

Torhaus Heidelberg

n.a. m²

n.a. m²

7.672.35 m²

4.498.54 m² Length

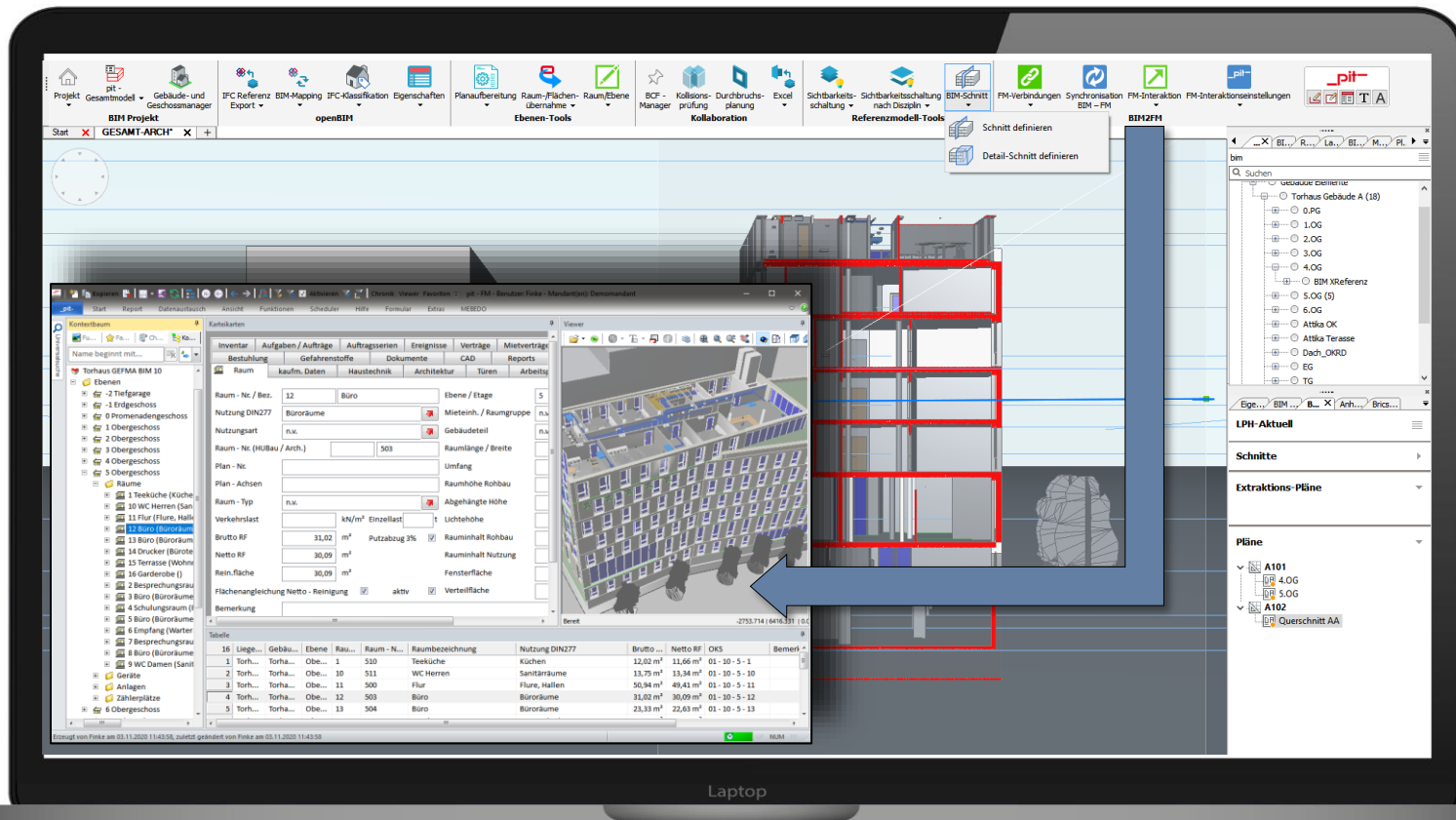
3.173.81 m² Width

32.978.57 m² Height 3.00 m

OKS 01 - 10

Ready

Created by Finke on 06.05.2019 18:29:57, last modified by Finke on 26.07.2019 11:50:02



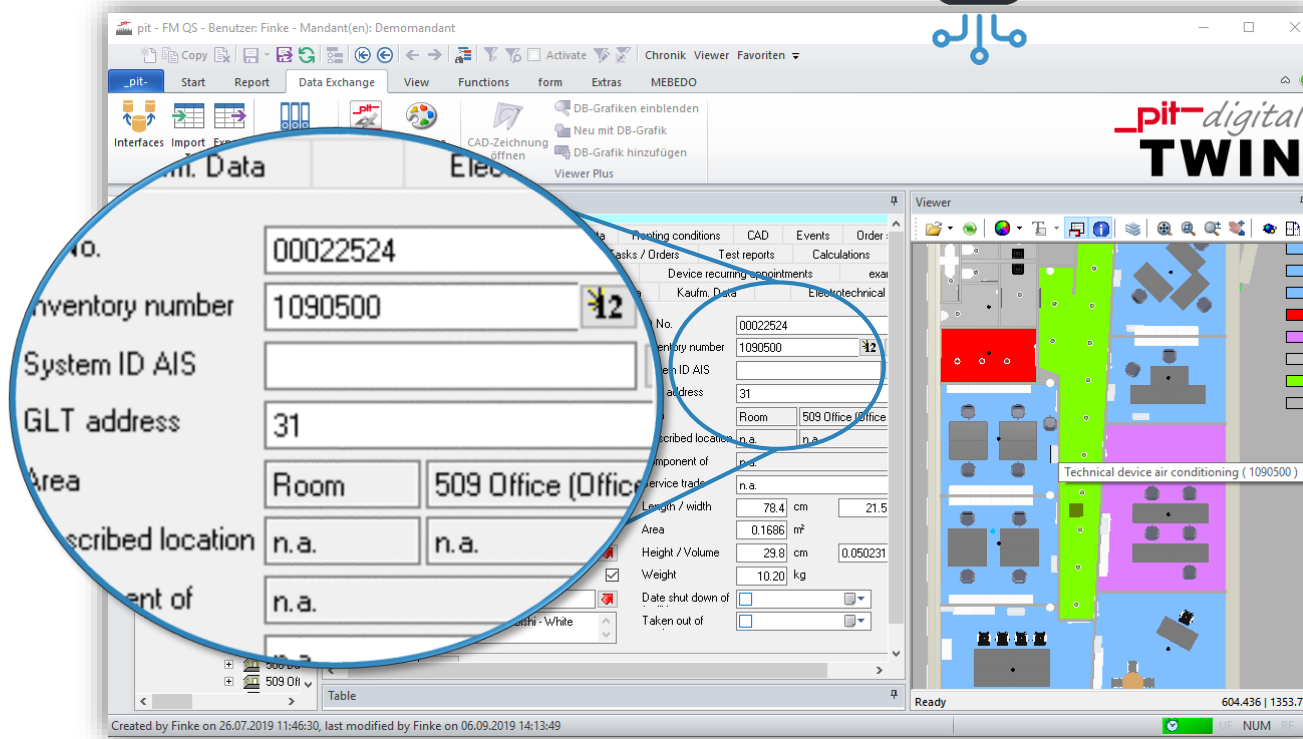
Arbeiten mit dem digitalen Zwilling eines Gebäudes



pit - FM



Kollaboration & Kommunikation

Prozess-
unterstützungDaten-
analyse


pit - FM QS - Benutzer: Finke - Mandant(en): Demomandant

Start Report Data Exchange View Functions form Extras MEBEDO

Interfaces Import Export Data Exchange View Functions form Extras MEBEDO

Inventory number 1090500

System ID AIS

GLT address 31

Room 509 Office (Office)

Technical device air conditioning (1090500)

Ready 604.436 | 1353.743

Created by Finke on 26.07.2019 11:46:30, last modified by Finke on 06.09.2019 14:13:49



KI / ML



VR / AR

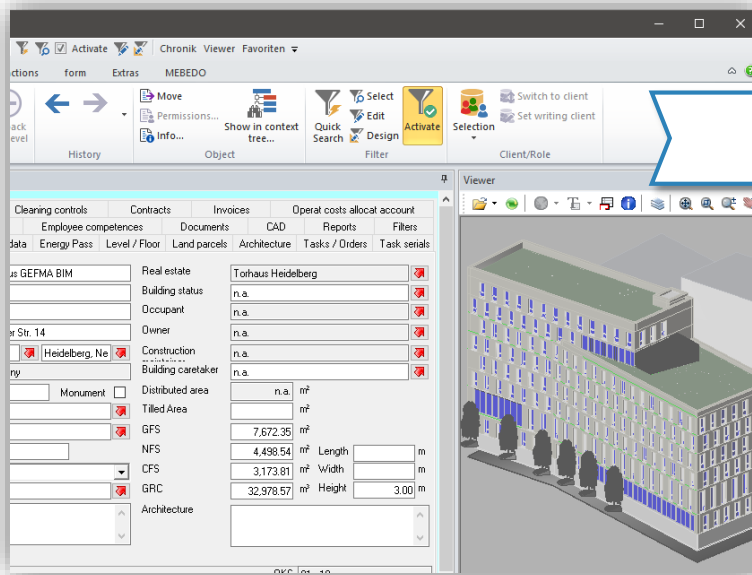


Sensorik

- Exportieren des digitalen Zwillings als IFC-Modell (openBIM)



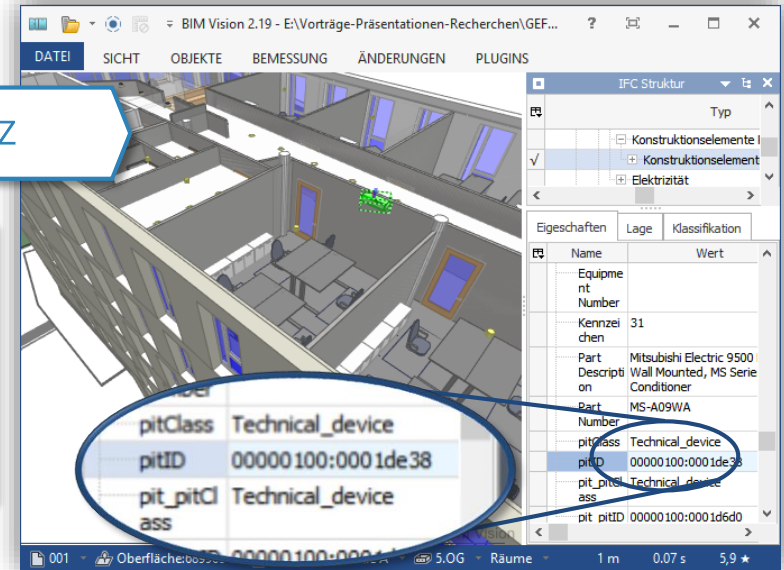
pit - FM

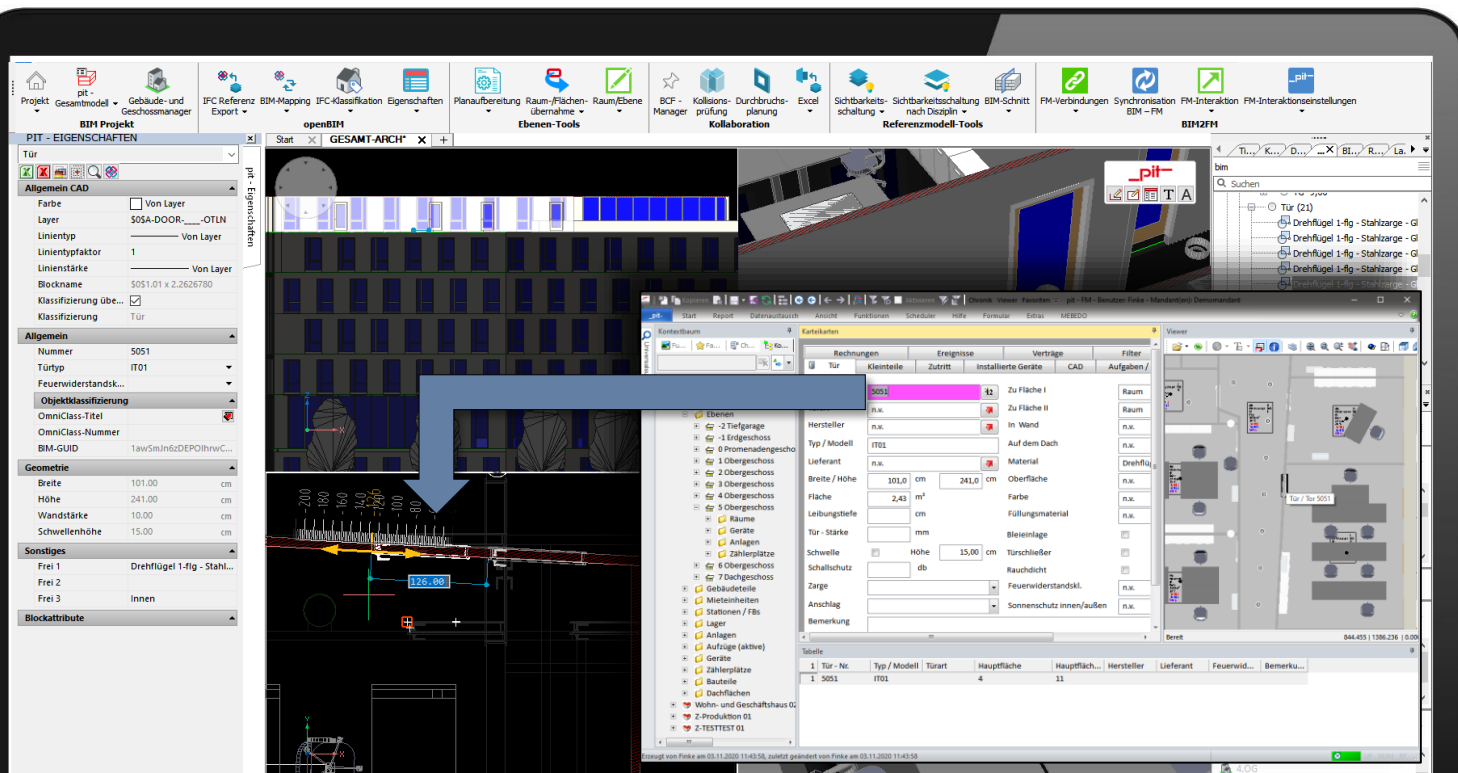


IFC REFERENZ



BIM Vision / IFC Viewer





The screenshot displays the BIM2FM software interface. The main window shows a 3D model of a building facade with a door. The left sidebar contains the 'PIT - EIGENSCHAFTEN' (PIT - Properties) panel, which is divided into several sections: 'Allgemein CAD', 'Allgemein', 'Objektklassifizierung', 'Geometrie', and 'Sonstiges'. The 'Allgemein' section shows the door's number (5051) and type (IT01). The 'Objektklassifizierung' section shows the door's classification (OmniClass-Titel, OmniClass-Nummer, BIM-GUID). The 'Geometrie' section shows the door's dimensions (Breite: 101.00 cm, Höhe: 241.00 cm, Wandstärke: 10.00 cm, Schwellenhöhe: 15.00 cm). The 'Sonstiges' section shows the door's material (Drehflügel 1-flg - Stahl...). The right sidebar contains the 'PIT - FM' panel, which shows the door's FM data (Hersteller, Typ / Modell, Breite / Höhe, Fläche, Leimbauweise, Tür-Stärke, Schwellen, Zarge, Anschlag, Bemerkung). The bottom of the interface shows a table with the following data:

1	Tür - Nr.	Typ / Modell	Türart	Hauptfläche	Hauptfläch...	Hersteller	Lieferant	Feuerwid...	Bemerku...
1	5051	IT01	4	11					

03

Live Vorstellung*

BIM2FM mit pit - CAD Ultimate

Haben Sie noch Fragen?



Ich freuen mich, von Ihnen zu hören!
Valentino.Scopece@pit.de





Vielen Dank für Ihre Aufmerksamkeit!

*Mit den integrierten Lösungen rund um den
pit - digital **TWIN** sind Sie auf der digitalen
Überholspur und immer einen Schritt voraus.*

KOOPERATION | KONNEKTIVITÄT | KOMMUNIKATION