

KORASOFT - Our Milestones on the road to a SAP based **visual** Real Estate & Facility Management

- 1999 starting on Germany's Facility Management Conferences earning LoL
- 2001 first go-live with an AutoCAD frontend for CRE (Switzerland)
- 2002 first go-live with a SVG implementation on RE classic (Switzerland)
- 2004 first go-live with a SVG implementation on RE-FX (UK)
- 2006 Korasoft get established as preferred SAP Germany Vendor, first US project
- 2008 first go-live with a MapGuide implementation on RE-FX (USA)
- 2010 KORASOFT Inc. established, getting preferred Vendor of SAP US
- 2012 Korasoft merged with Cideon Software
- 2013 Enlarge Customer base due to standardized KoraSoft plug-ins into Cideon CAFM-Suite
- 2014 Cideon gets acquired by Friedhelm Loh Group
- 2015 Emerging of the S4/HANA platform plus Fiori and Visual Enterprise
- 2016 KORASOFT gets re-established by a MBO from Friedhelm Loh Group
- 2018 delivering a complete SAP Fiori based IWMS and CAFM solution
- 2019 enabeling BIM 360 and SAP to work together



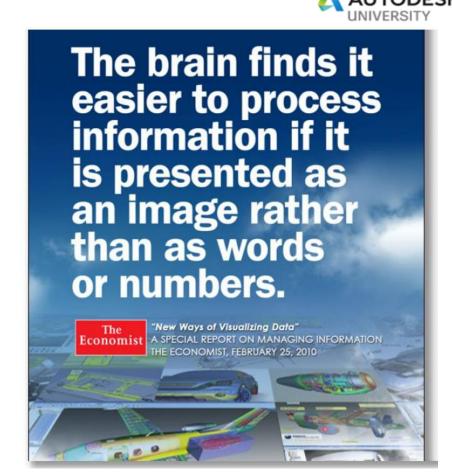
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The real estate management business processes will be effectively supported by the visualization of buildings and spaces by integrating CAD floorplans and BIM building models.



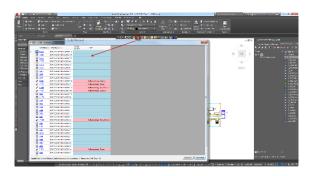
KORASOFT enables BIM360 for the following use cases during construction and operation phase of a building:

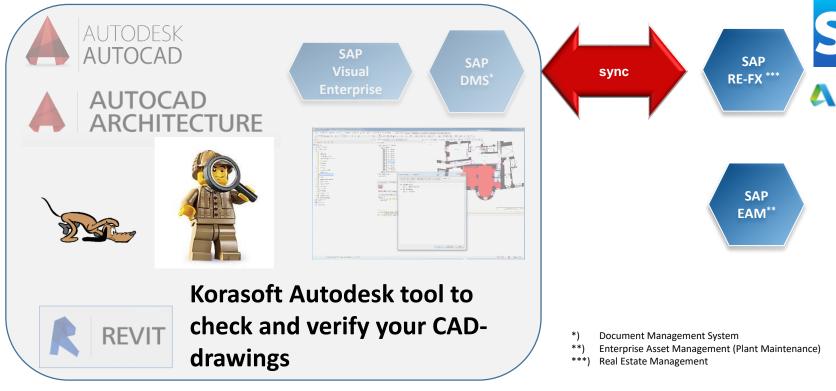
- Master Data Management with AutoCAD floorplans and Autodesk Revit BIM models
- Space and work place management with scenario planning for move management
- Graphical lease management
- Service- and Cleaning management
- Maintenance and ticketing system
- Key & Locking Sytem Management
- Tree cadaster



Autodesk CAD Integration with SAP







AutoCAD: closed Polyline with Block attributes for room number and area

Architecture: space object room with "mv block" for room number and area

Revit: BIM / BIM360

visual Real Estate & Facility Management for SAP with BIM 360 When do you need which information in SAP











AUTOCAD ARCHITECTURE





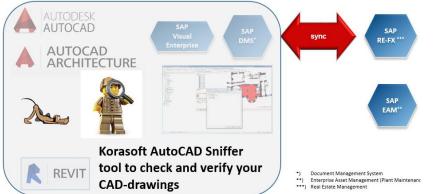


SAP ERP and IWMS / CAFM Software in one system

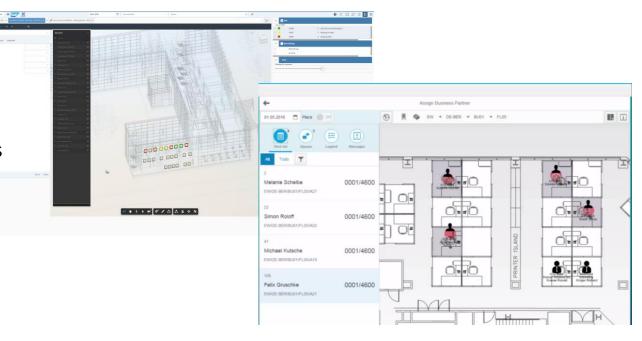
> for construction and operation phase

Add-on to SAP with AutoDesk Integrationen for SAP

- Bidirectional Master Data Management from Autodesk AutoCAD, Architecture and Revit to SAP and vice versa (back from SAP to CAD)
- checks whether all information are identified inside the drawings and successfully synchronized to SAP
- Dynamic Icons visualize SAP Information as extra icons within drawings in SAP
- Graphical support of Move Management and Maintenance
 - # show icons for (one or multiple) occupants or cost centers
 - Use icons to place occupants or cost centers on their desks (by Click-and-Place) within SAP GUI (RE-80) (also available as additional SAP Fiori web interface)
- Roll based WEB Application with SAP Fiori

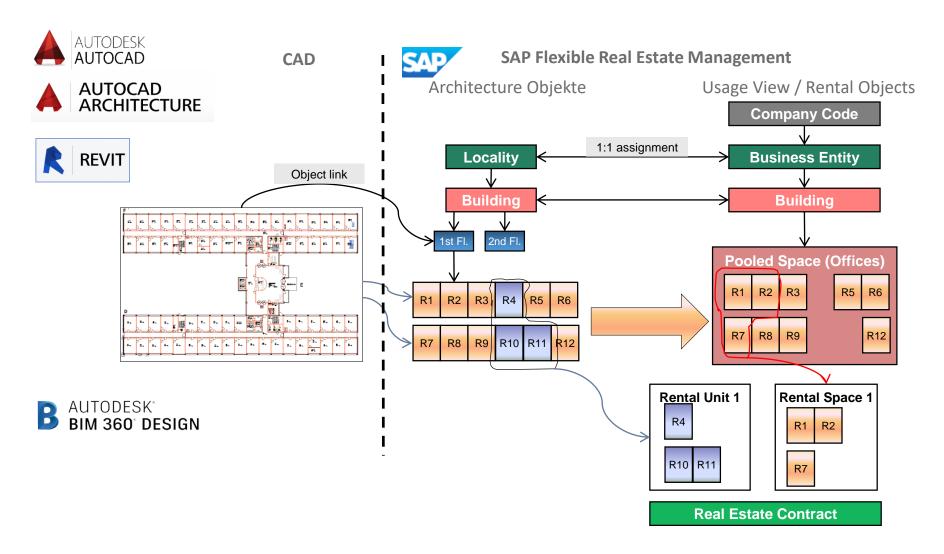








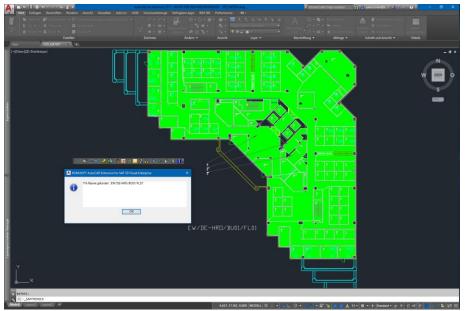
visual Real Estate & Facility Management for SAP with BIM 360 VISUAL Real Estate & Facility Management with SAP







Master Data Maintenance by CAD

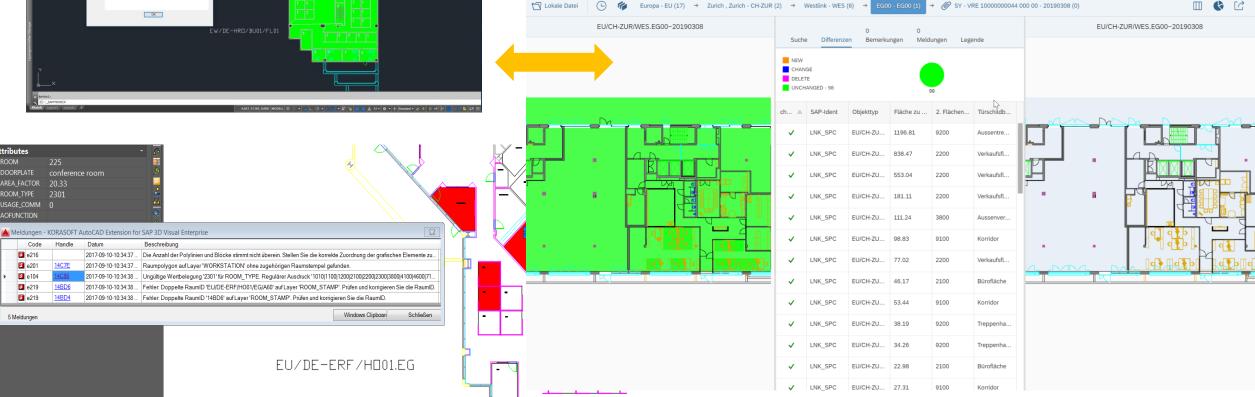


- Integration of AutoCAD in SAP DMS
- Linking in SAP & create object & asset structure through CAD
- Visualization in SAP with 3D Visual Enterprise









Master Data Maintenance by CAD

Architectural Objects and Functional Locations









Now we're Adding BIM to SAP

BIM – Why using it with SAP?

BIM data are of use for any aspect of a buildings lifecycle.

BIM delivers structured data directly linked to CAD elements.

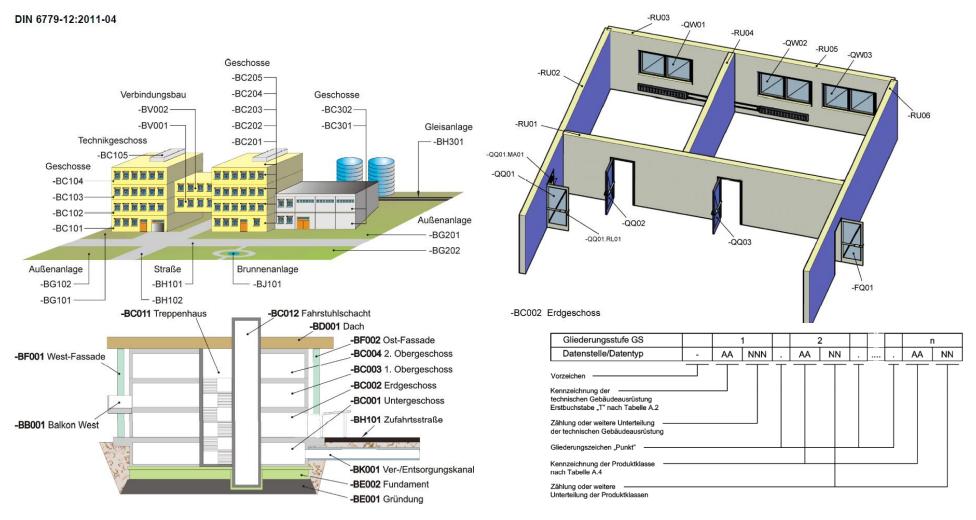






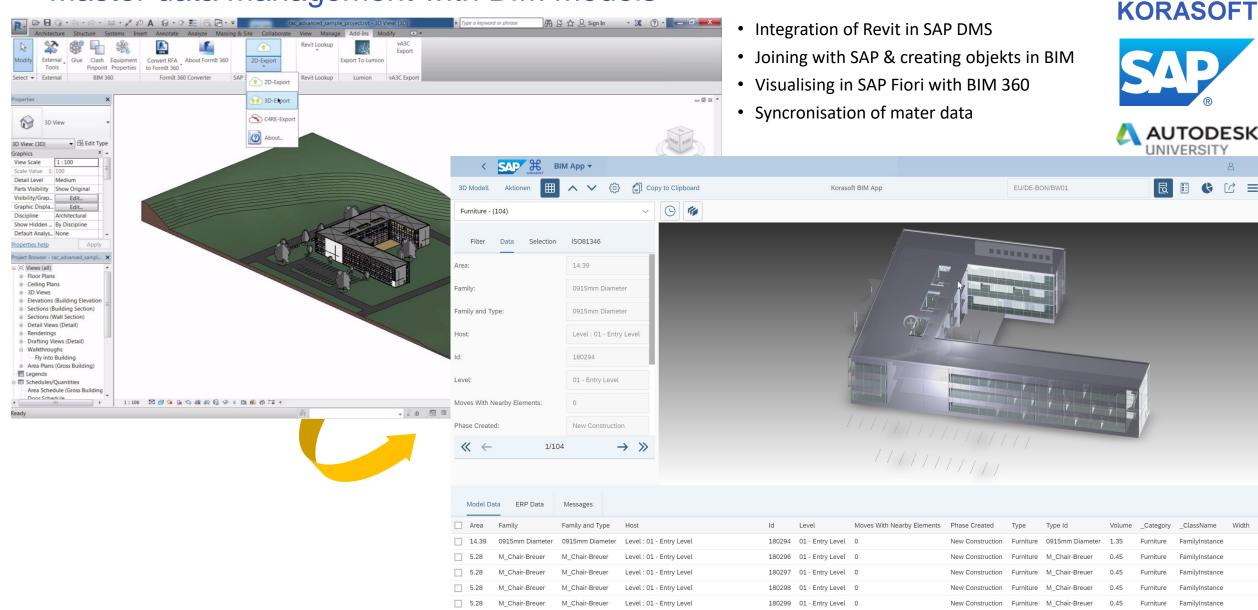


visual Real Estate & Facility Management for SAP with BIM 360 Design and construct: Digital Twin with ISO 81346 - 12

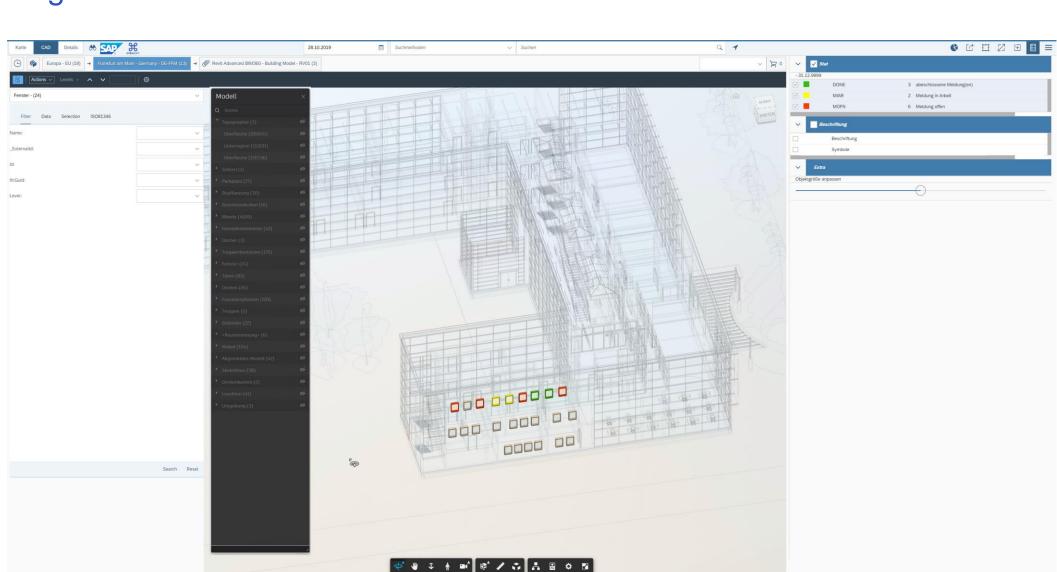




Master data management with BIM models



visual Real Estate & Facility Management for SAP with BIM 360 Digital Twin and data on both sides

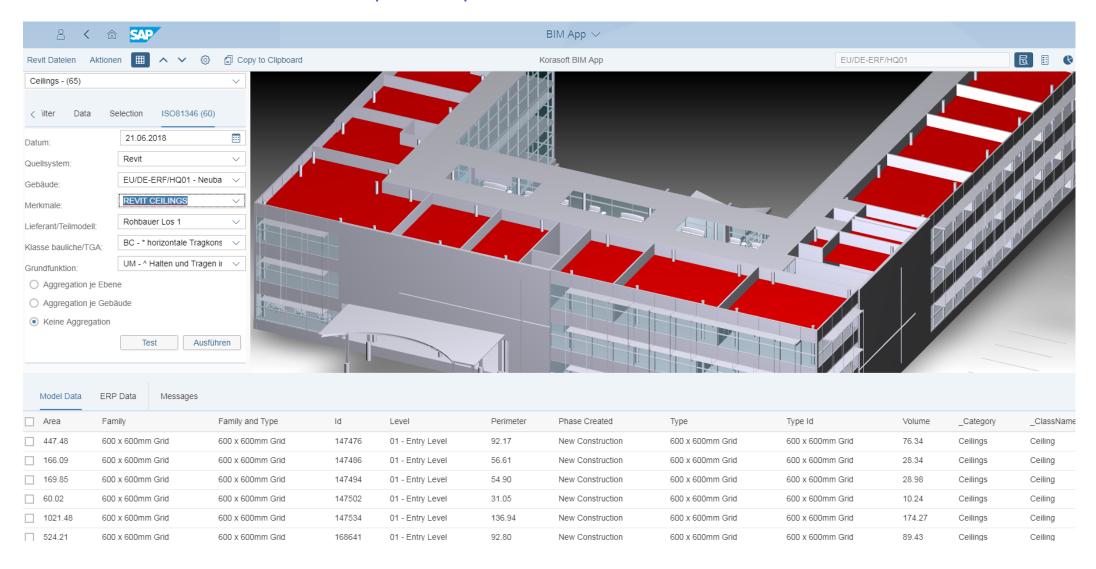








Master Data for construction and operation phases



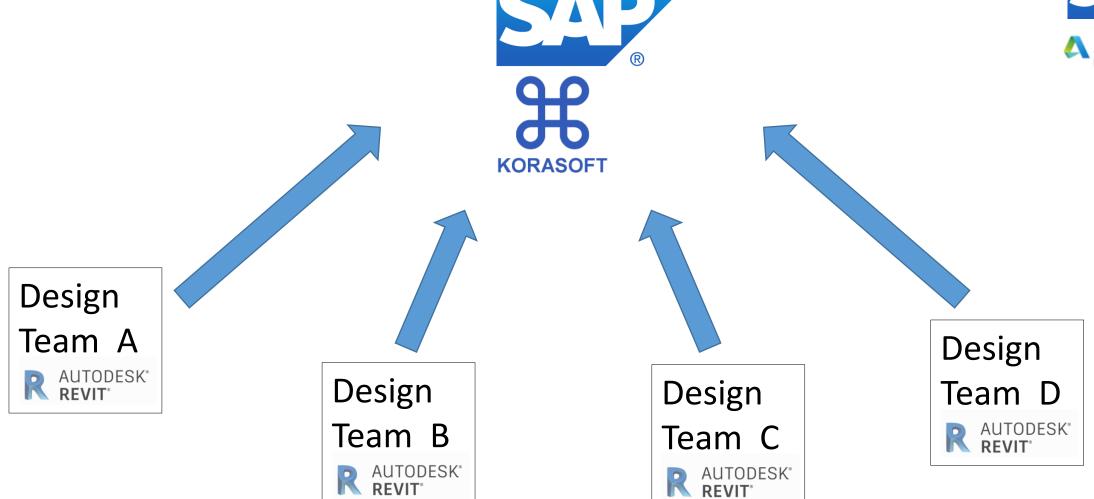




visual Real Estate & Facility Management for SAP with BIM 360 multiple projects, multiple source - one SAP system

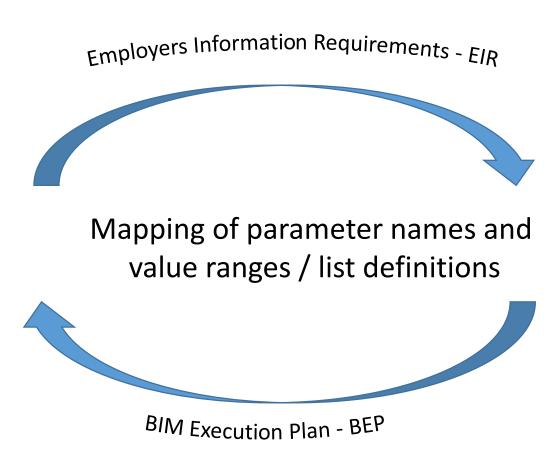












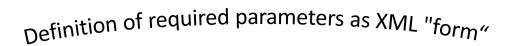




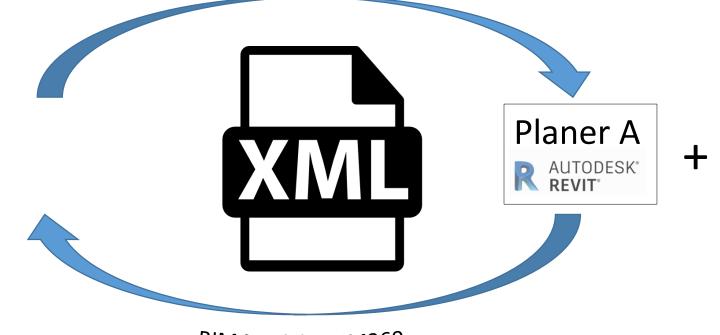








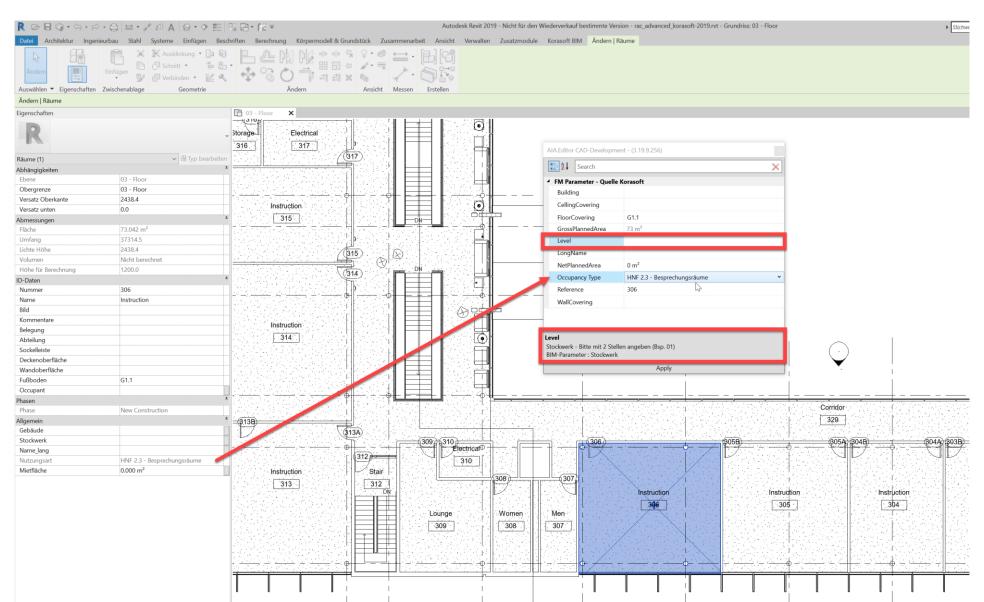






BIM Model – BIM360

Create BIM EIR directly from SAP and used them Revit



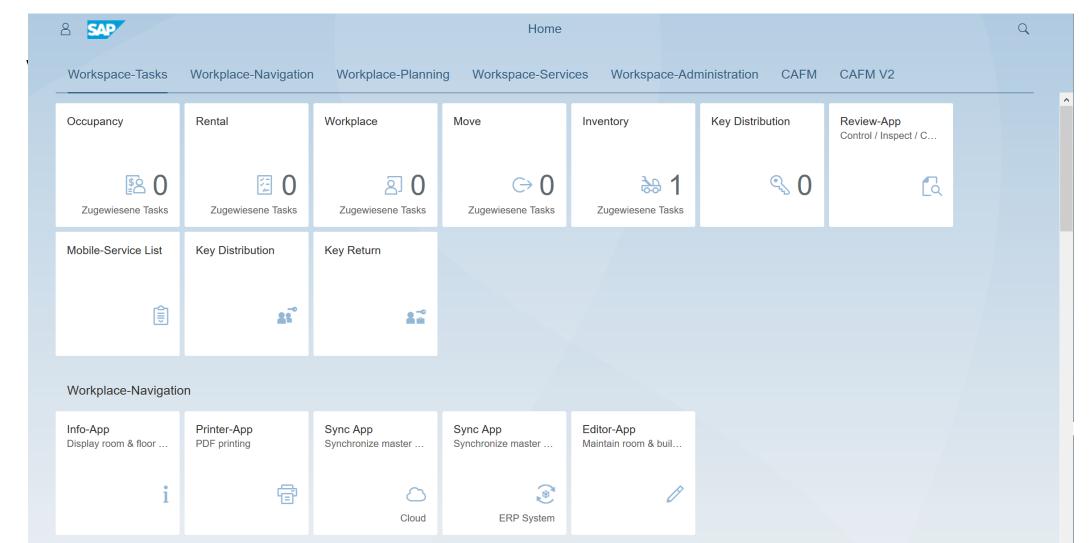






visual Real Estate & Facility Management for SAP with BIM 360 Using CAD & BIM data in SAP

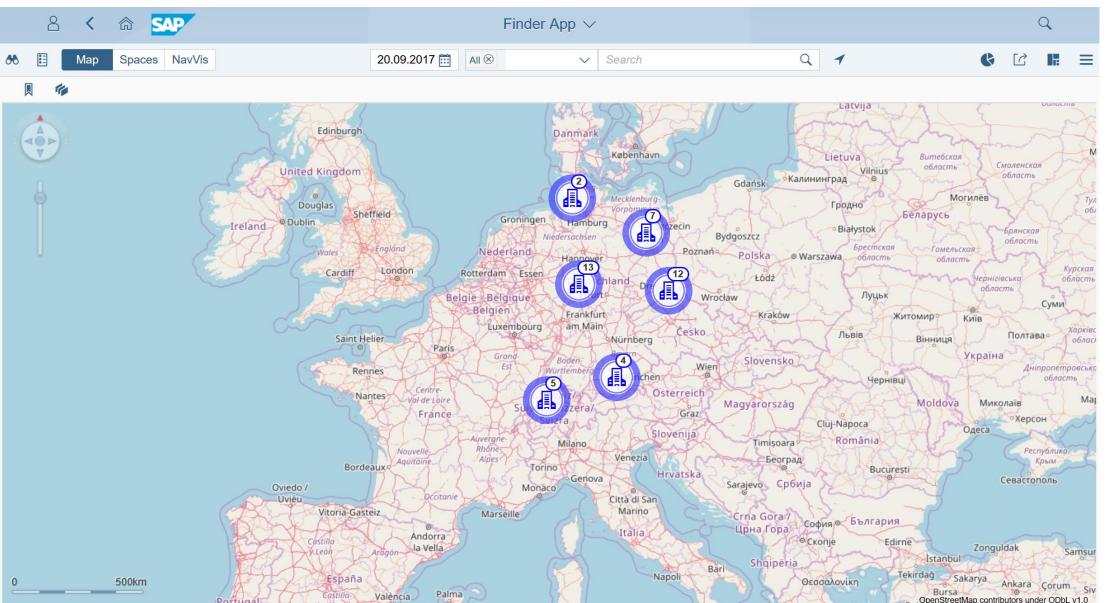




Workplace-Planning



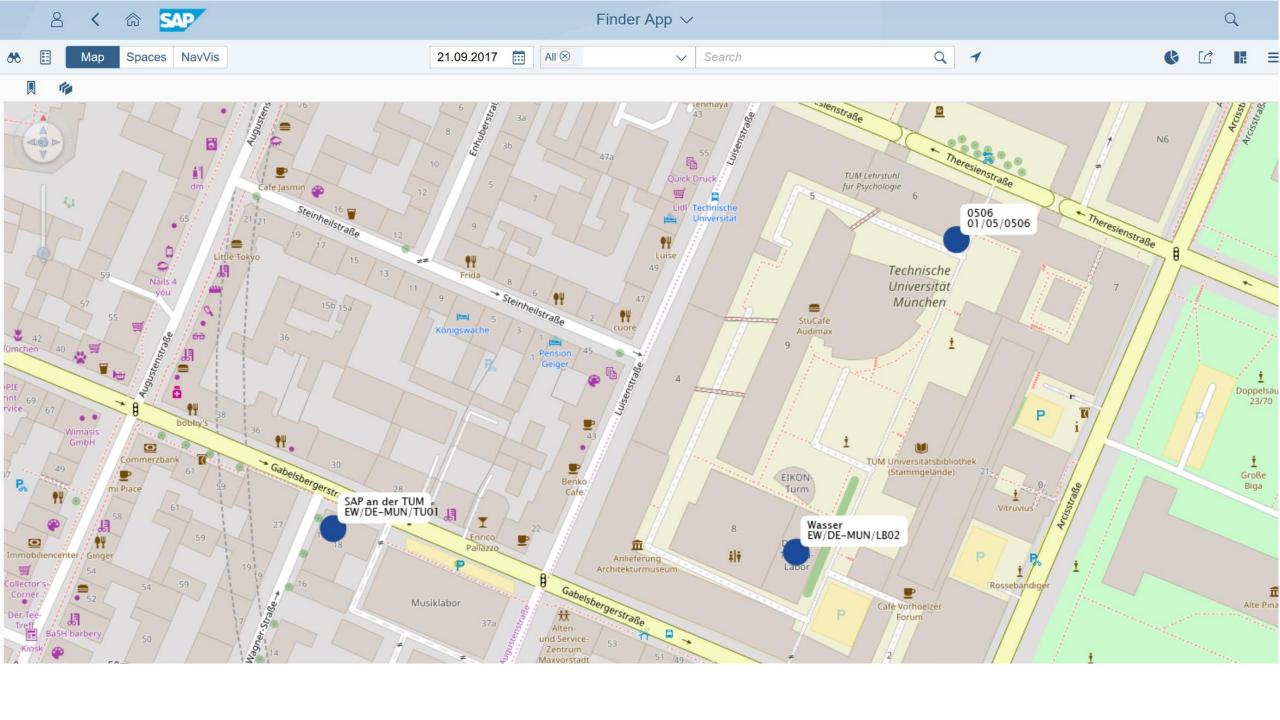
visual Real Estate & Facility Management for SAP with BIM 360 Web based SAP Fiori



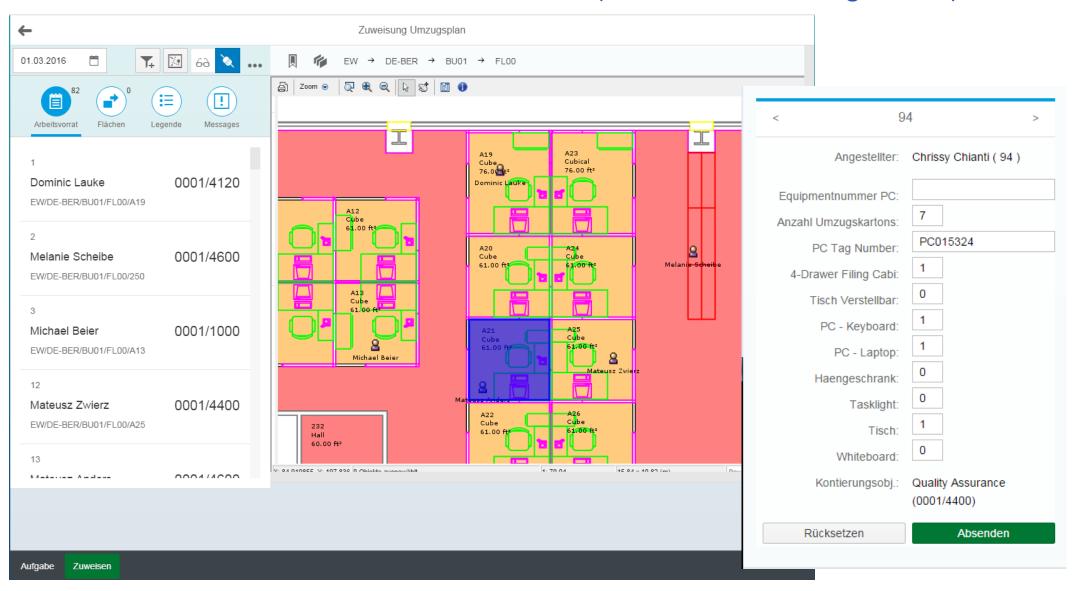




- AUTODESK UNIVERSITY
- a) Object structure and search
- b) Legend and layer structure
- c) Metadata of the selected object



Role based web interfaces on SAP Fiori (here move management)

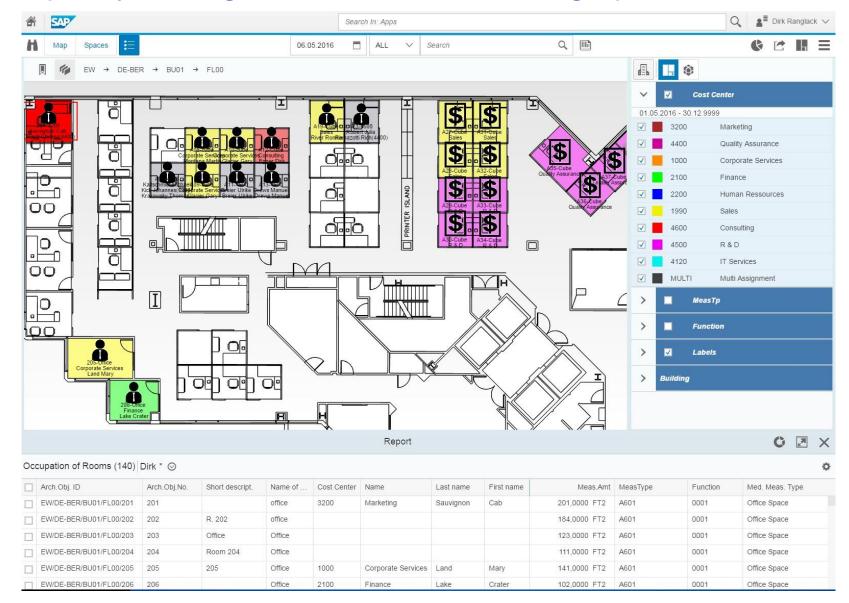








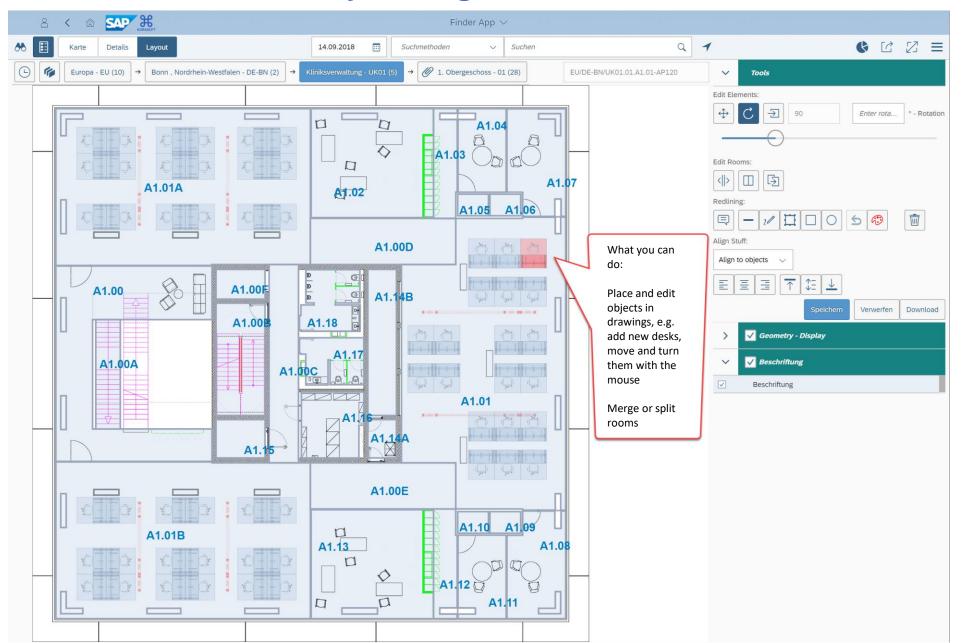
visual Real Estate & Facility Management for SAP with BIM 360 Occupancy Management - Seats in use – graphical and table view









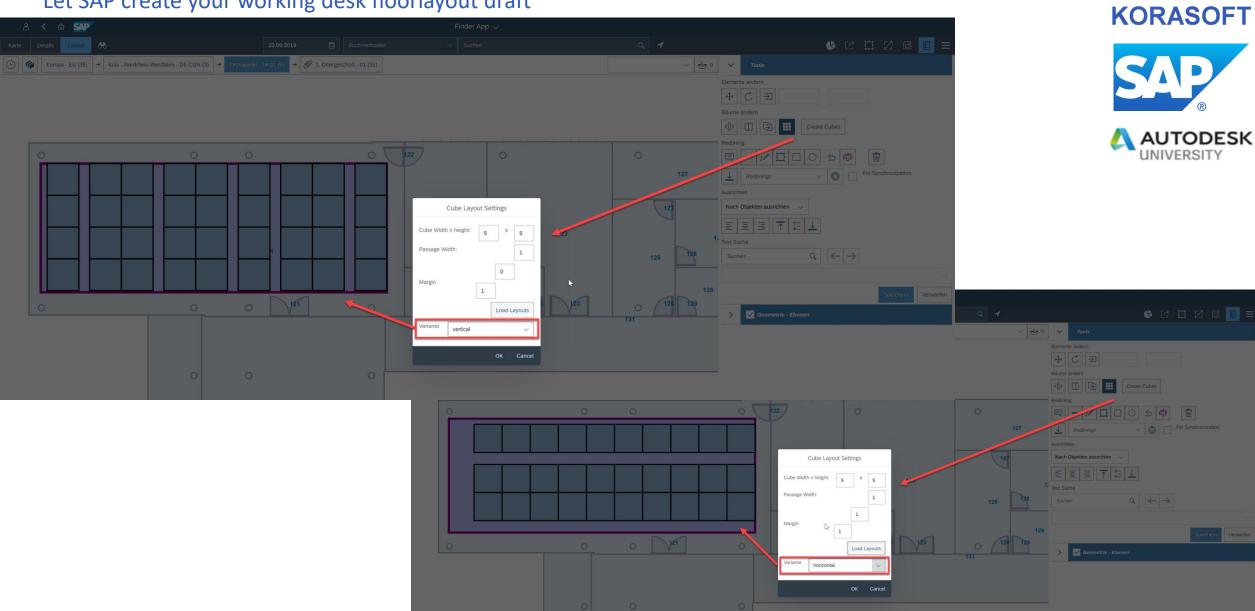






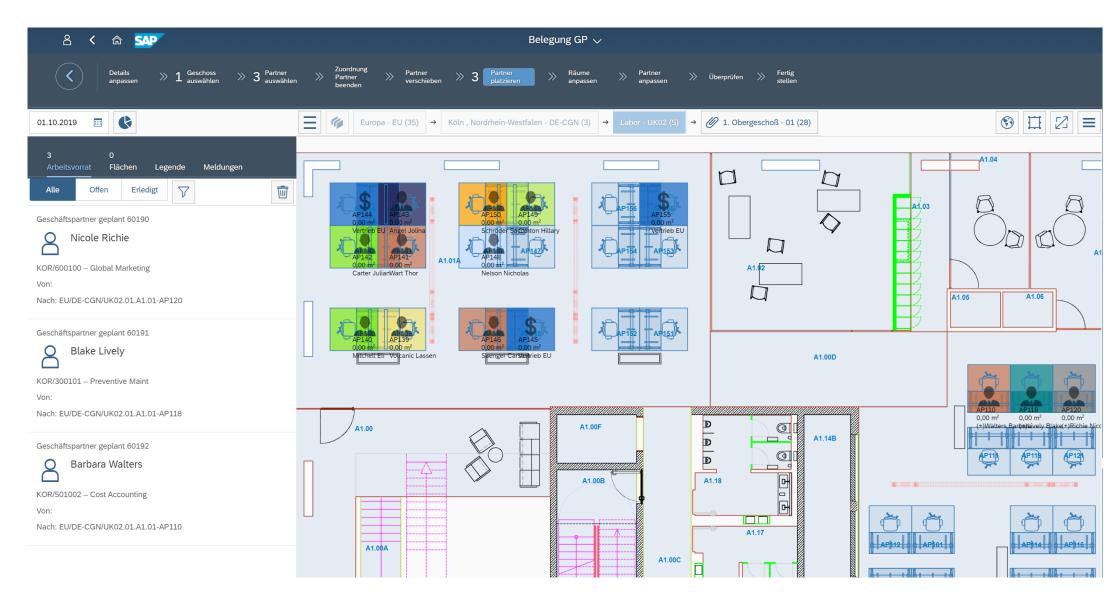


Let SAP create your working desk floorlayout draft



visual Real Estate & Facility Management for SAP with BIM 360 Move Management



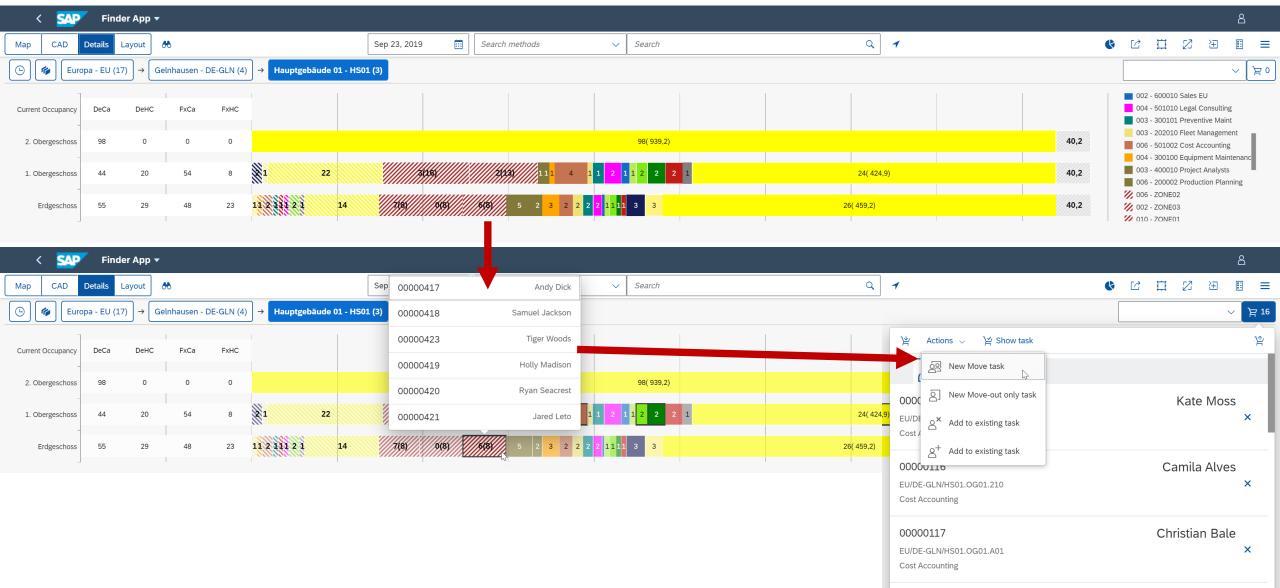




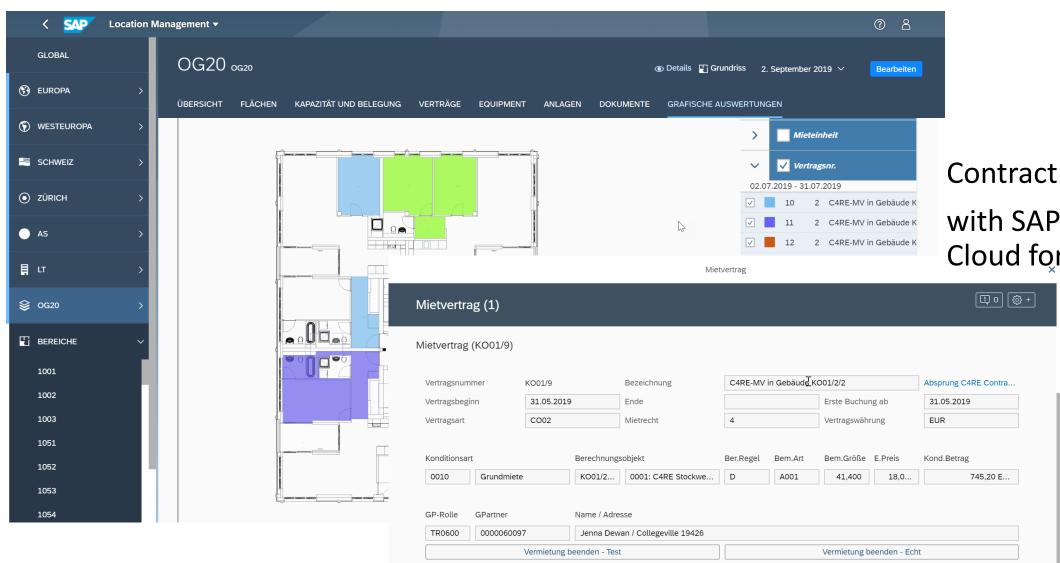


Stacking - Graphical Evaluation - Different Types of Workplaces





Graphical Evaluation and Linking of Cloud for Real Estate and RE-FX Tenenat Management

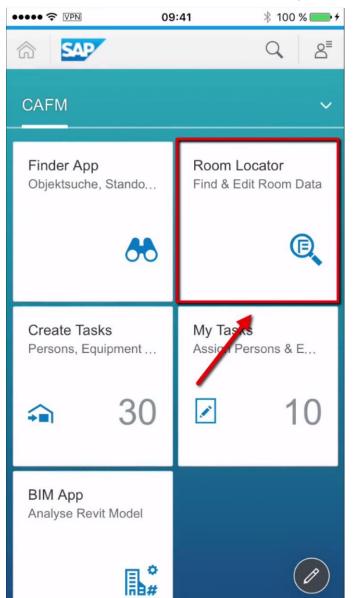


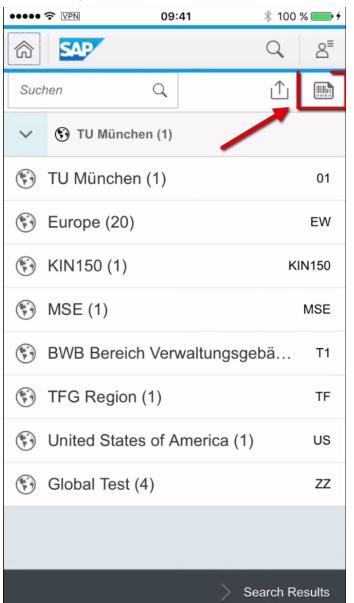




Contract Management with SAP RE-FX and Cloud for Real Estate

Room Reservation (mobile version)





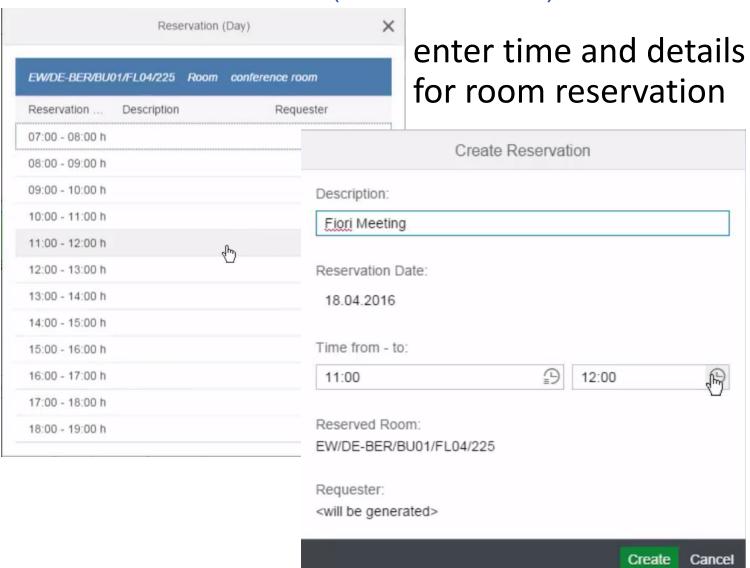






Raumauswahl über QR- Codes

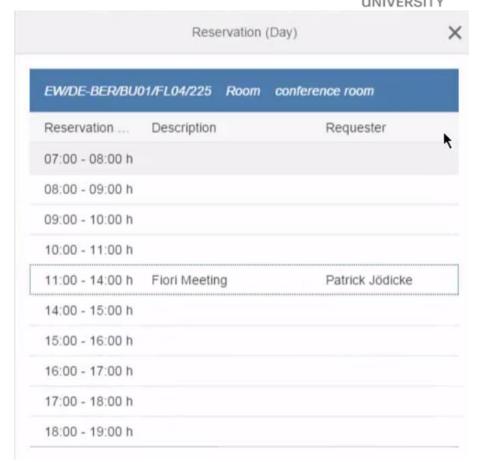
Room Reservation (mobile version)





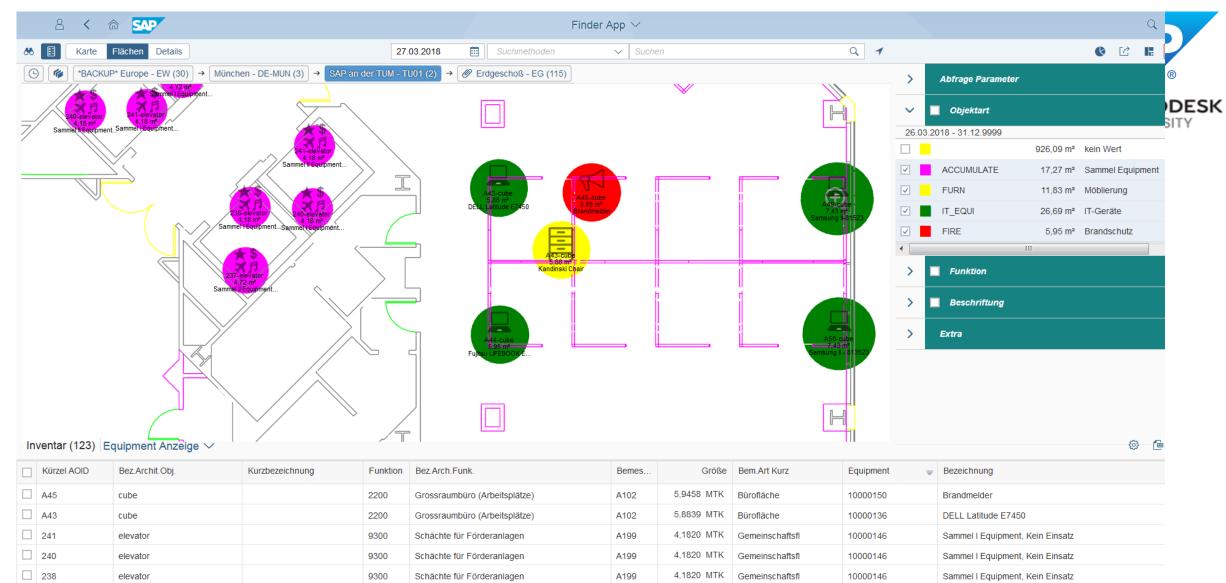


overview of room reservationsk



visual Real Estate & Facility Management for SAP with BIM 360 Equipment Location and List View





visual Real Estate & Facility Management for SAP with BIM 360 SAP Notifications and Work Orders







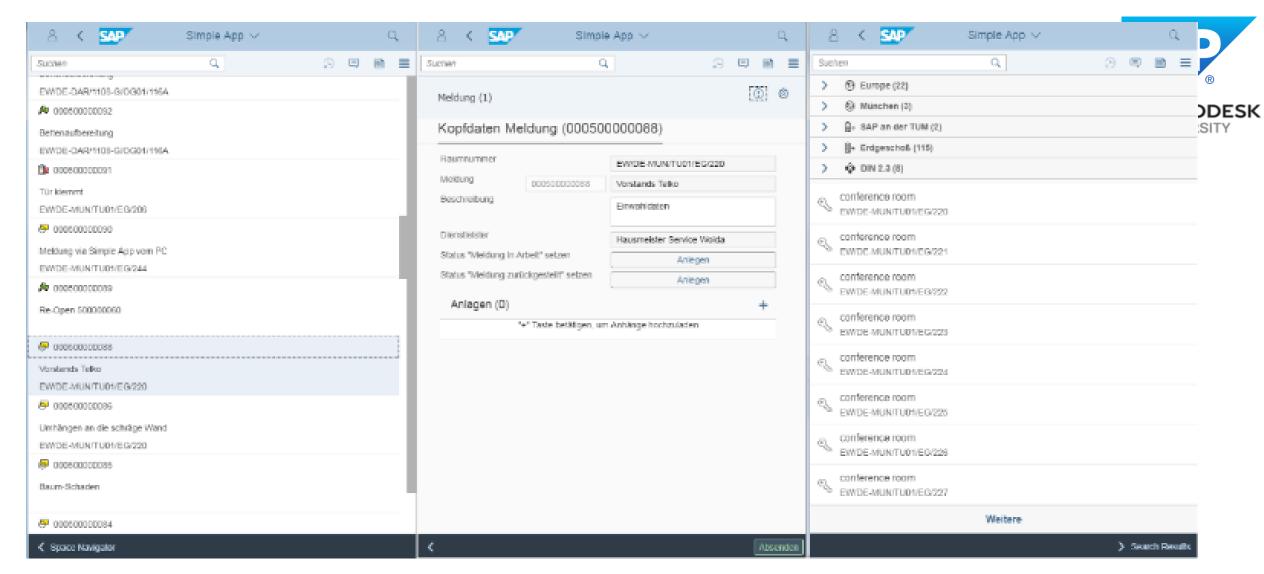


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Planned Tasks.

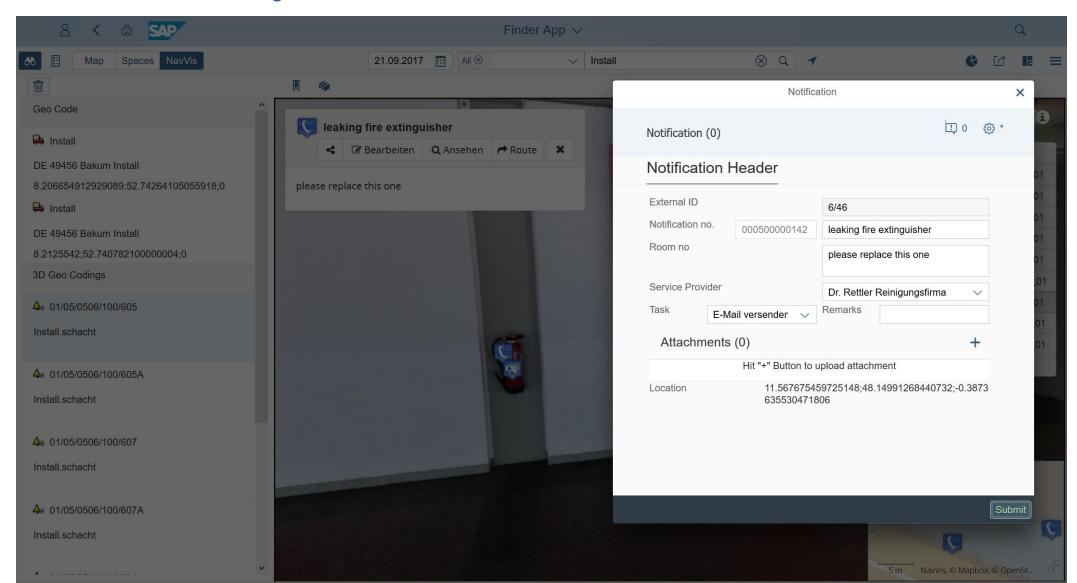
Feedback

New Tasks



NavVis on SAP Fiori

here maintenance management - view & create Notifications & track Work orders











contact



Find us at the AU 2019:

Korasoft CON342



