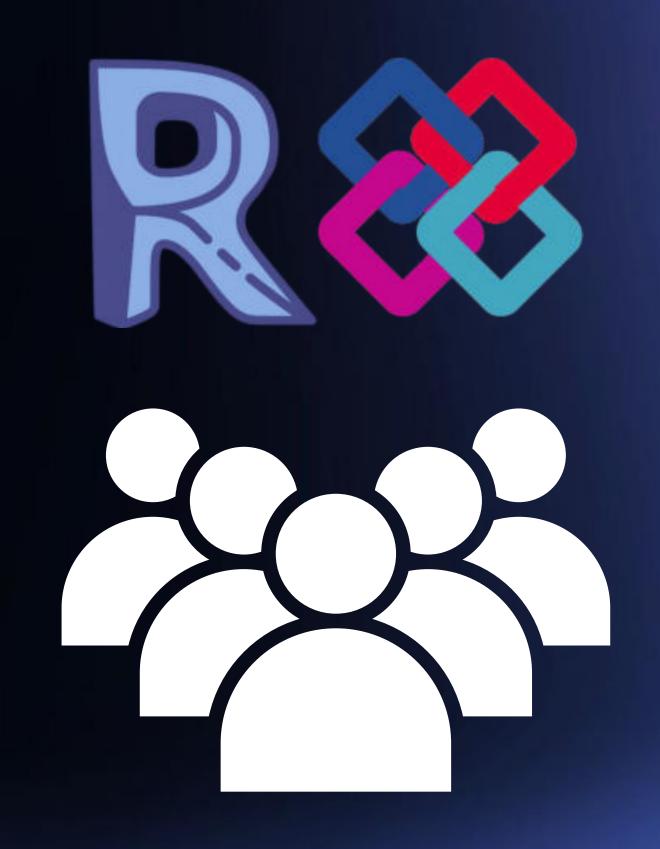
Artem Boiko

Democratize access to data

Seamless data-driven decision making





"From miner to data miner"





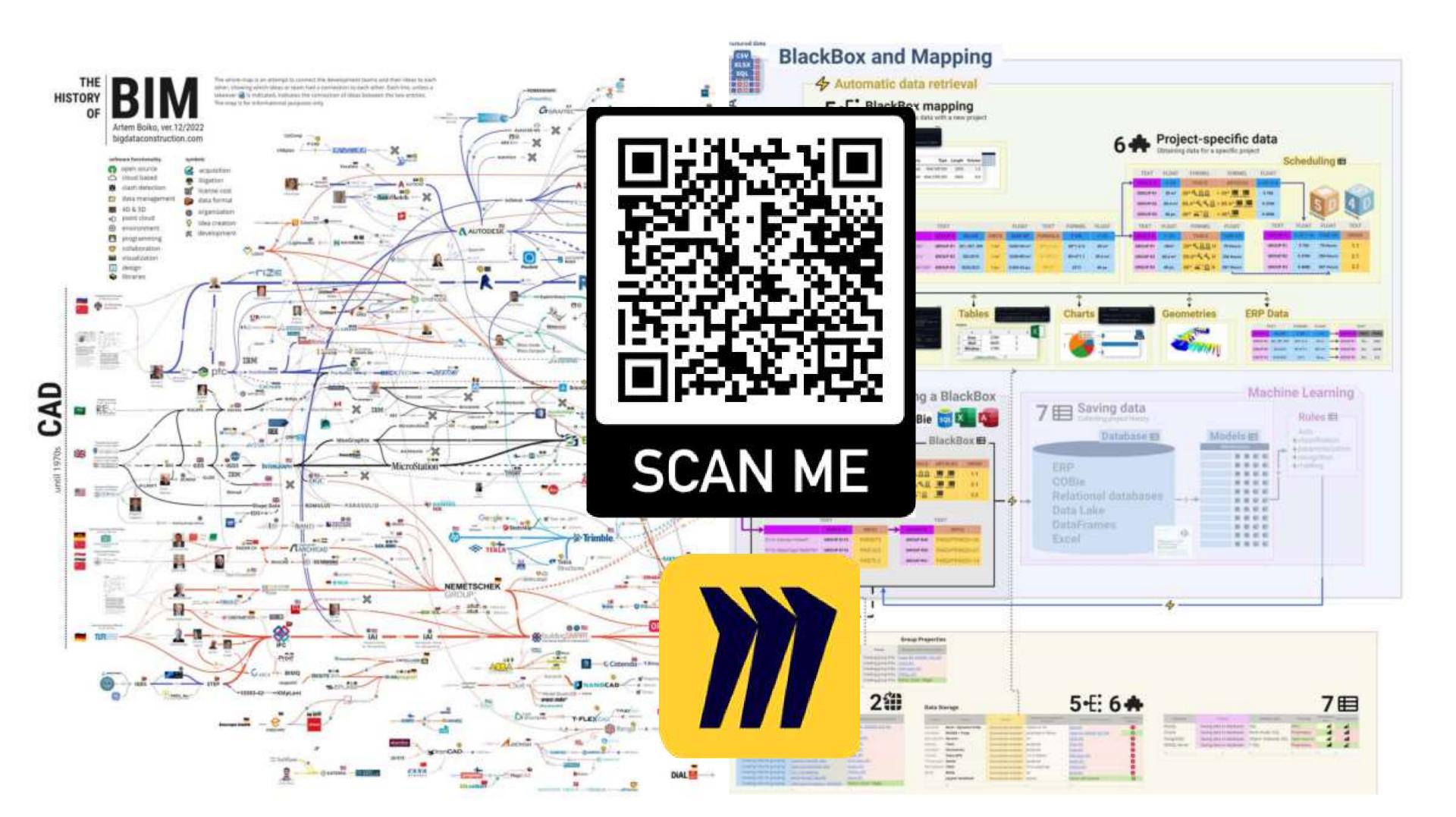


Artem Boiko

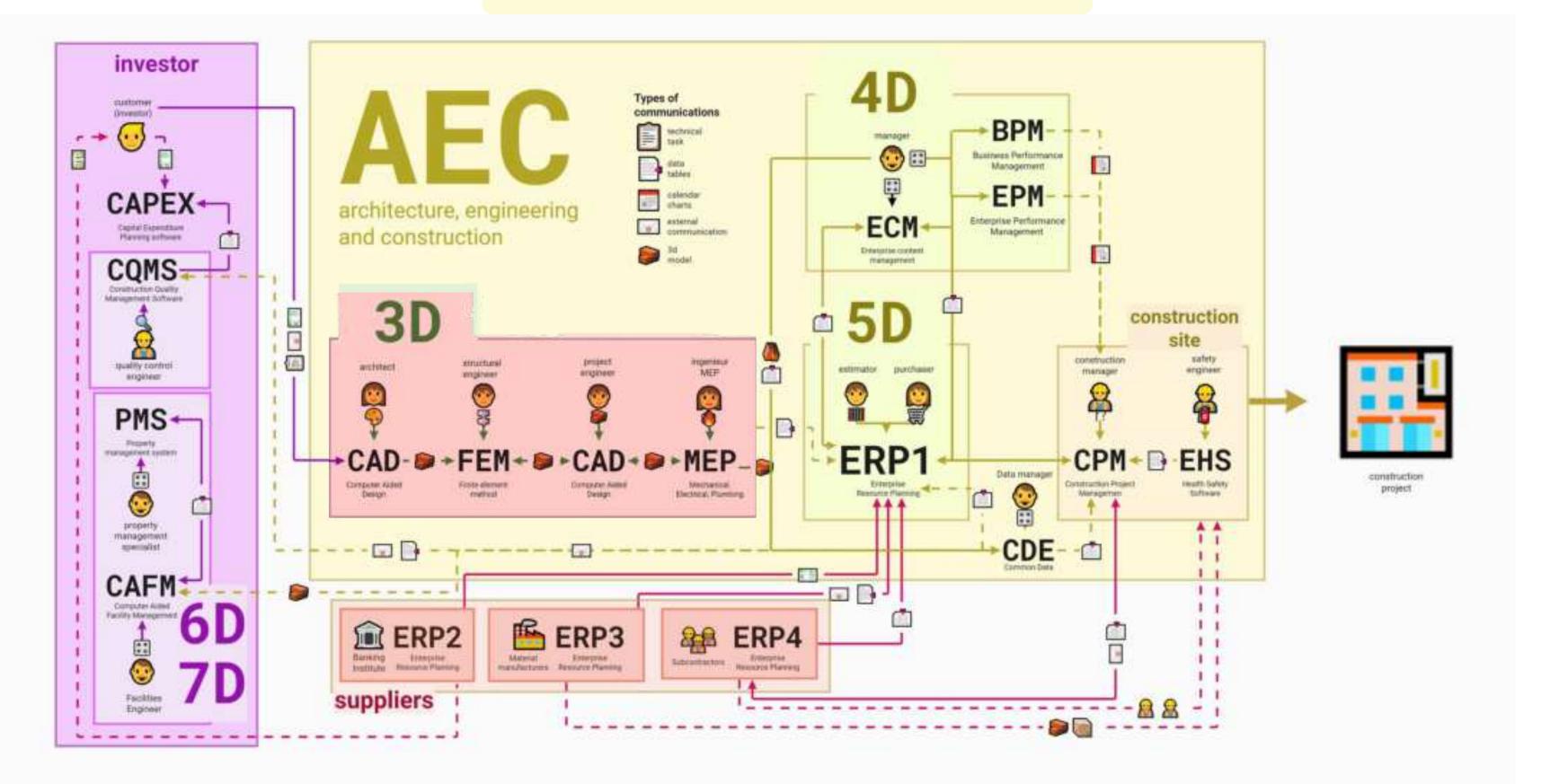
Baden-Württemberg, Germany

Co-Founder
OpenDataBIM
BigDataConstruction

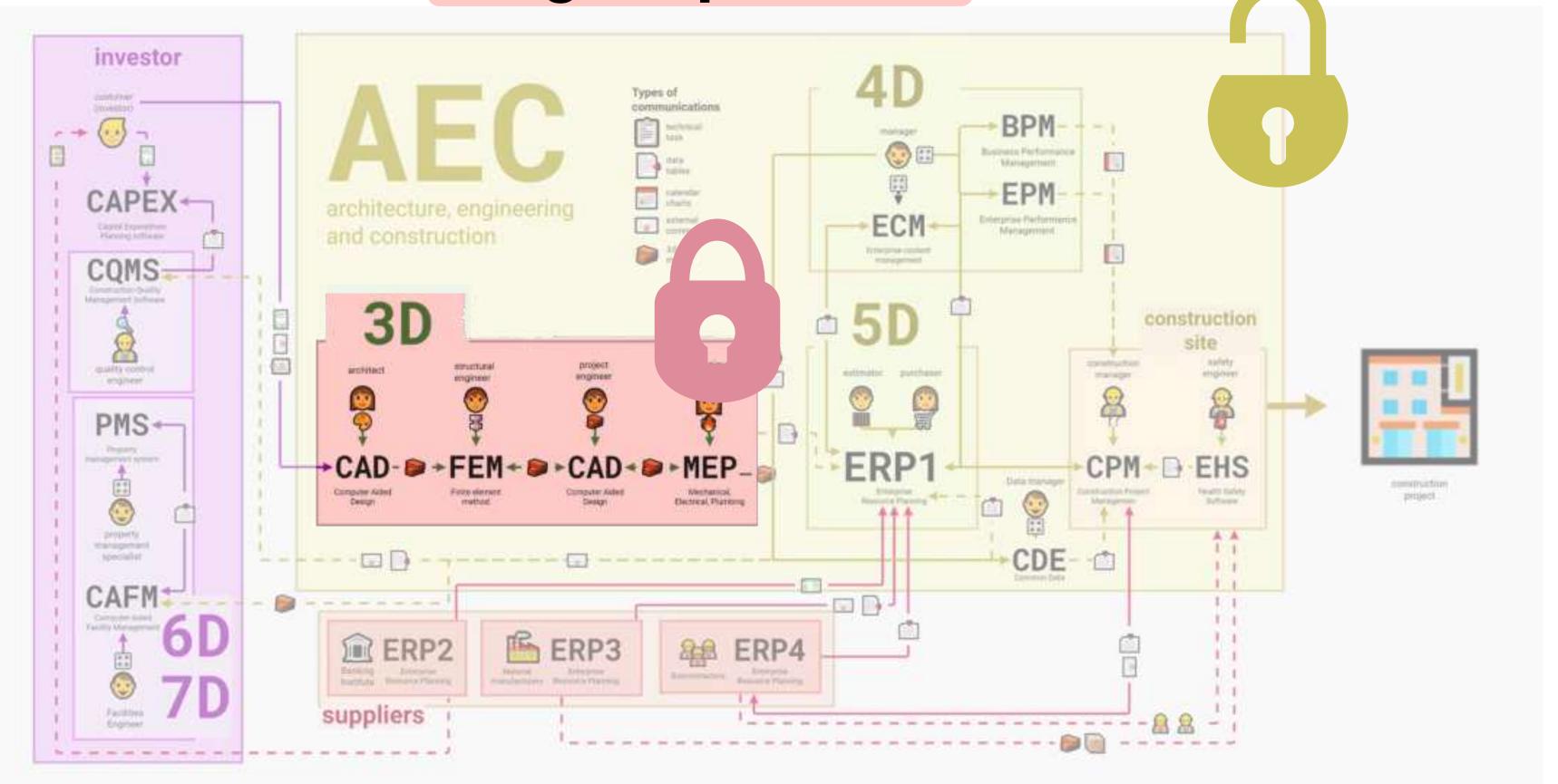




The project database is just one database in the construction business

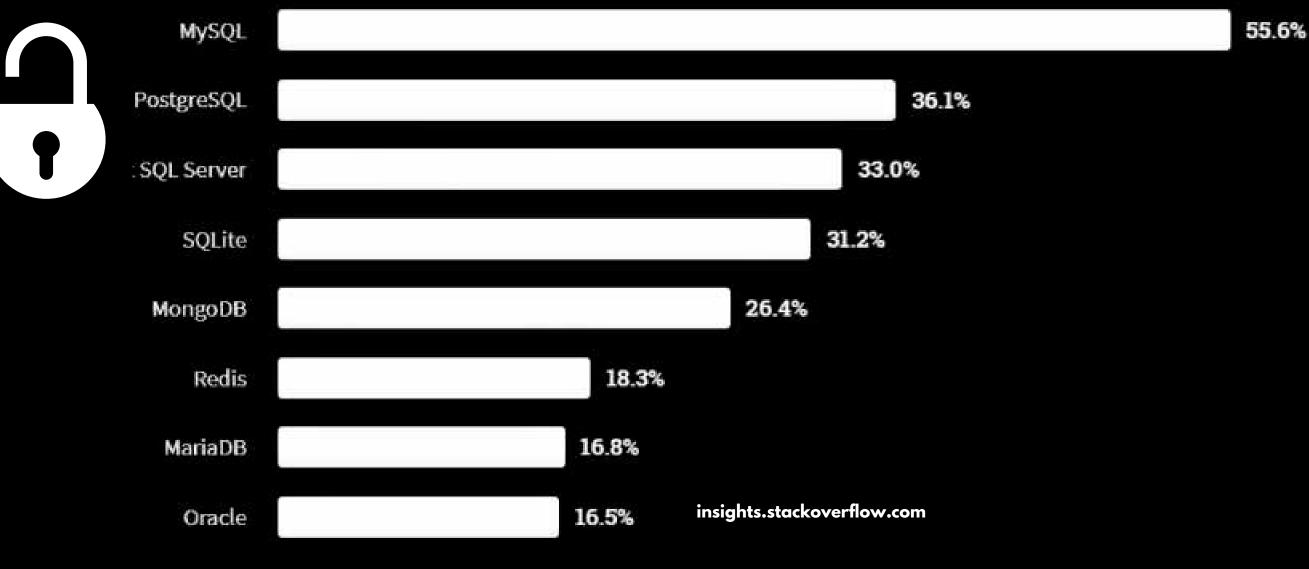


Data from open systems awaits magical data from the design department



BMS + U Database management system

Enterprise Systems
Banking and Finance
Healthcare
E-Commerce
Education
Travel and Hospitality
Telecommunication
Government



Construction Designing

Social Media

Real Estate

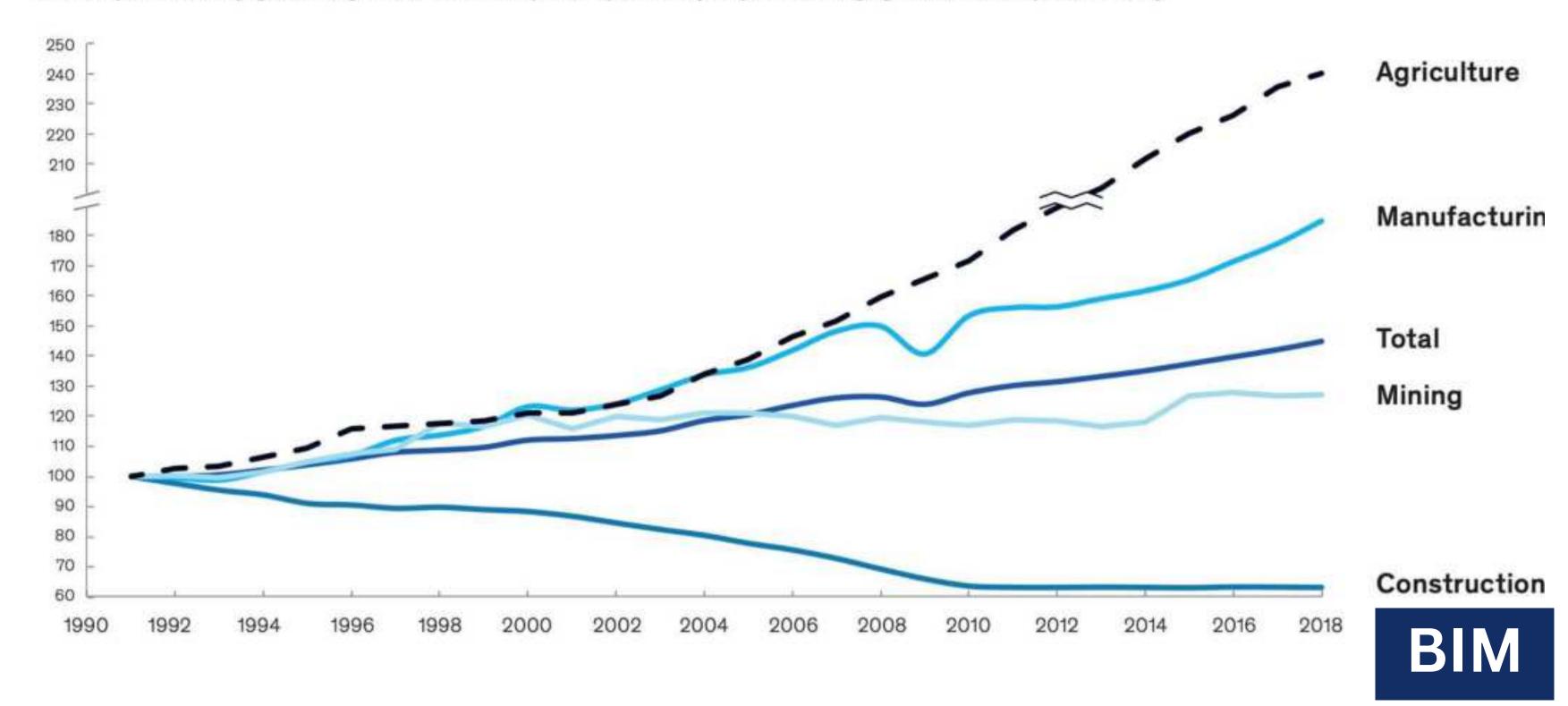


CAD Tools
BIM Tools

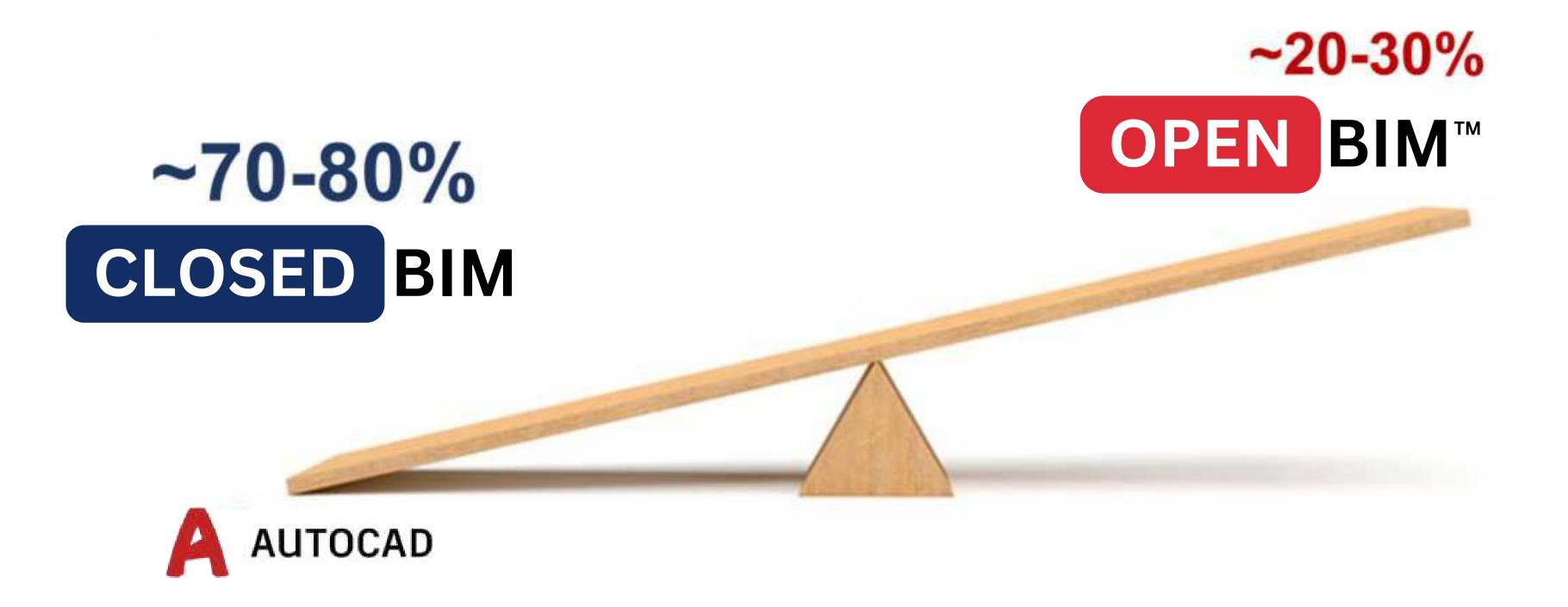
36.7%

BIM has failed to improve productivity

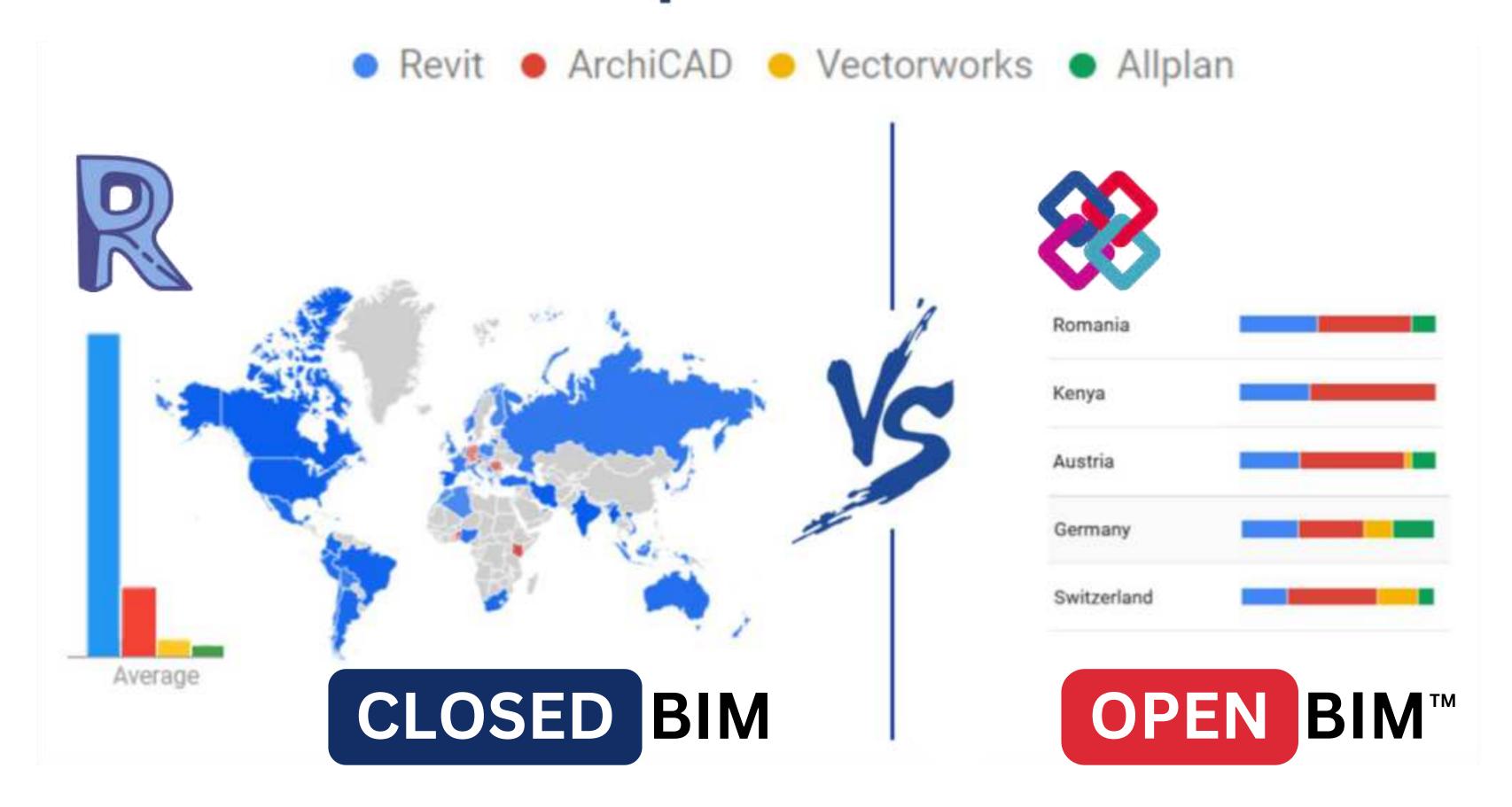
Global productivity growth, gross real value (2010 \$) added per person engaged, indexed (1991 = 100)



Closed Solutions Win the Market

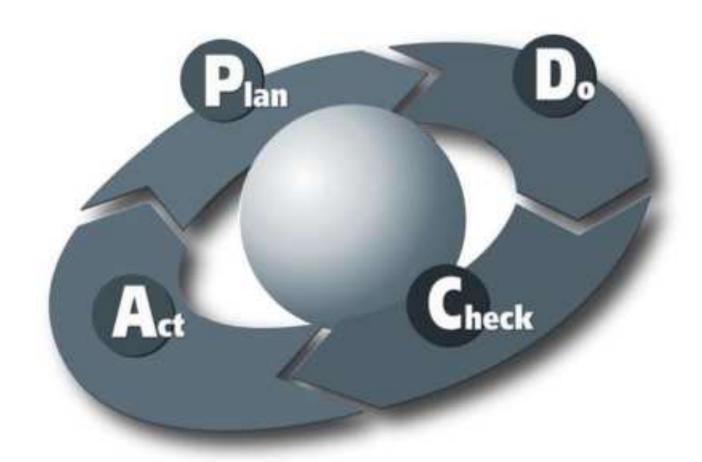


Revit vs openBIM in 2022



AUTODESK™ 2003

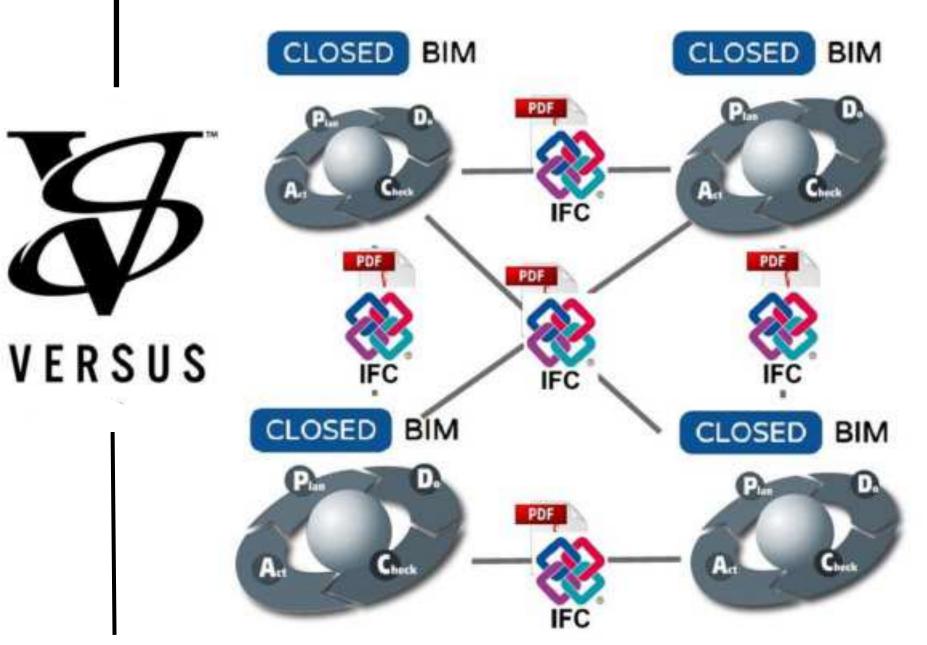
CLOSED BIM

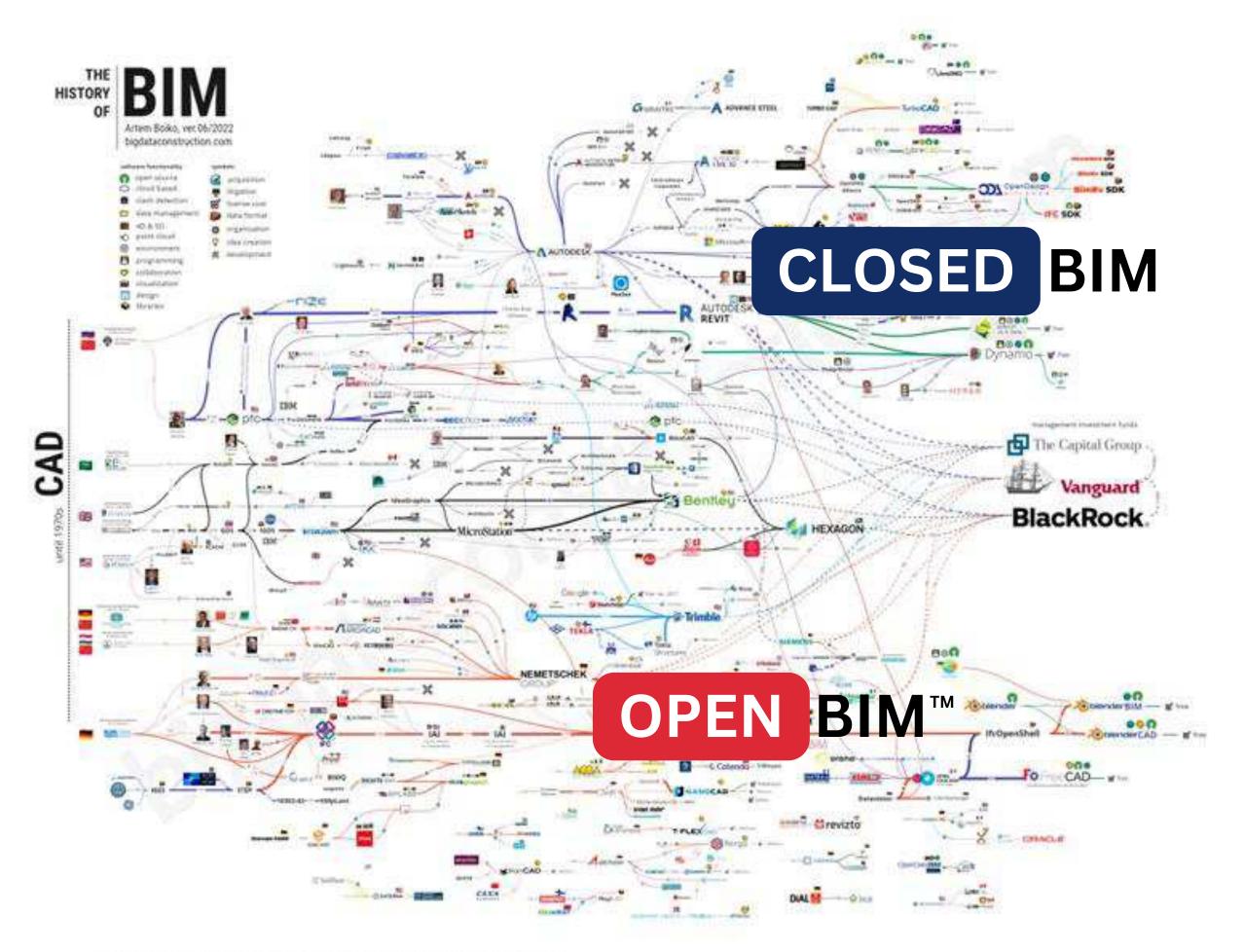


NEMTSCHEK ™ GROUP 2011

buildingSMART 2020





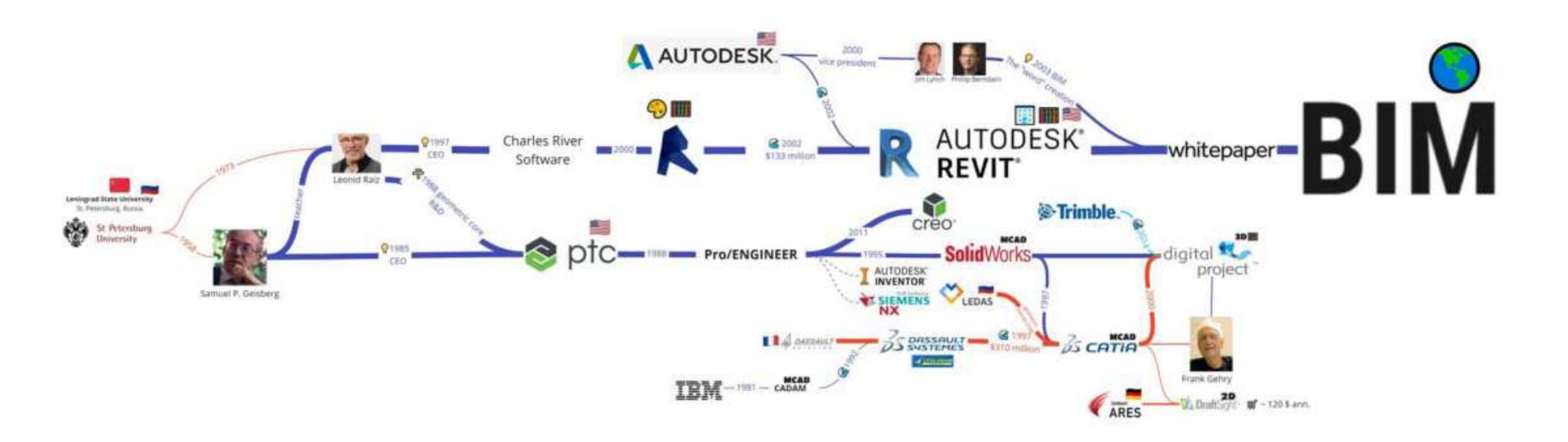


Ein Mix aus Technologien, Persönlichkeiten, Teams und Ideen



bigdataconstruction.com

Revit taucht aus dem Nichts auf?





Finite Element Analysis

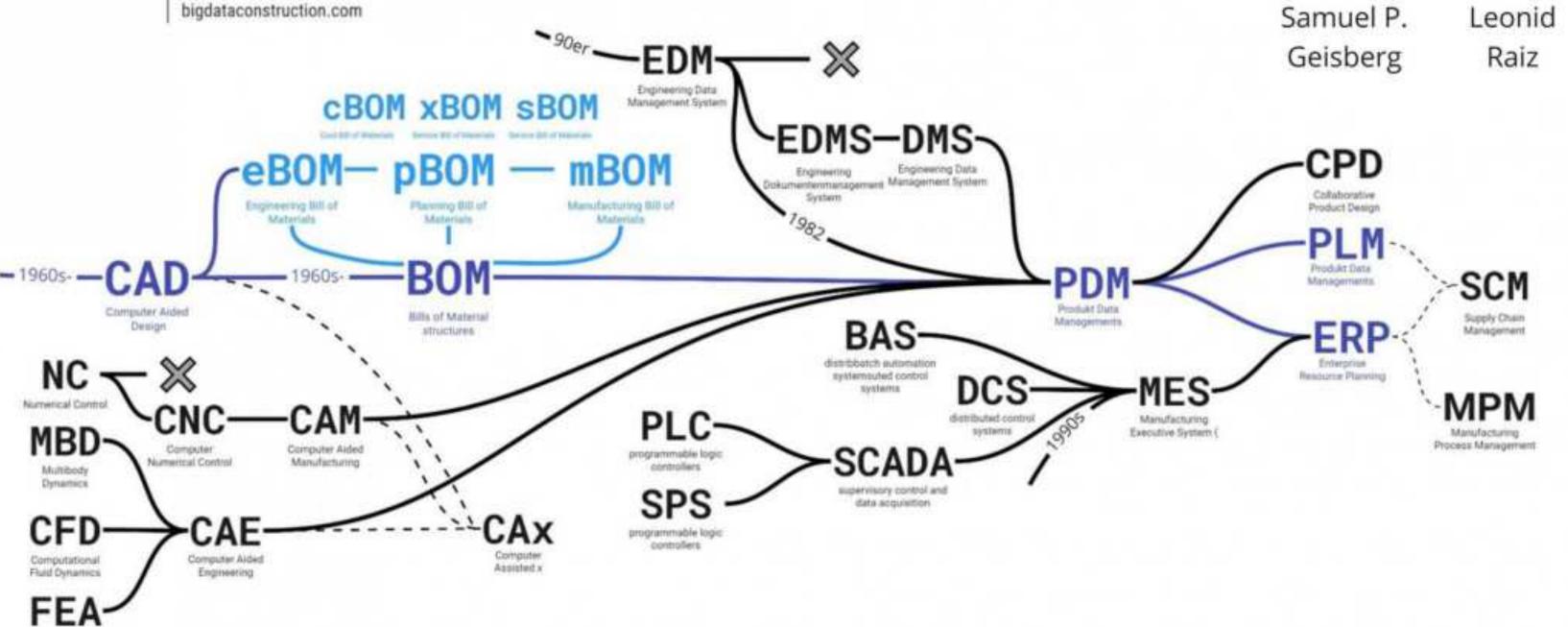
ptc



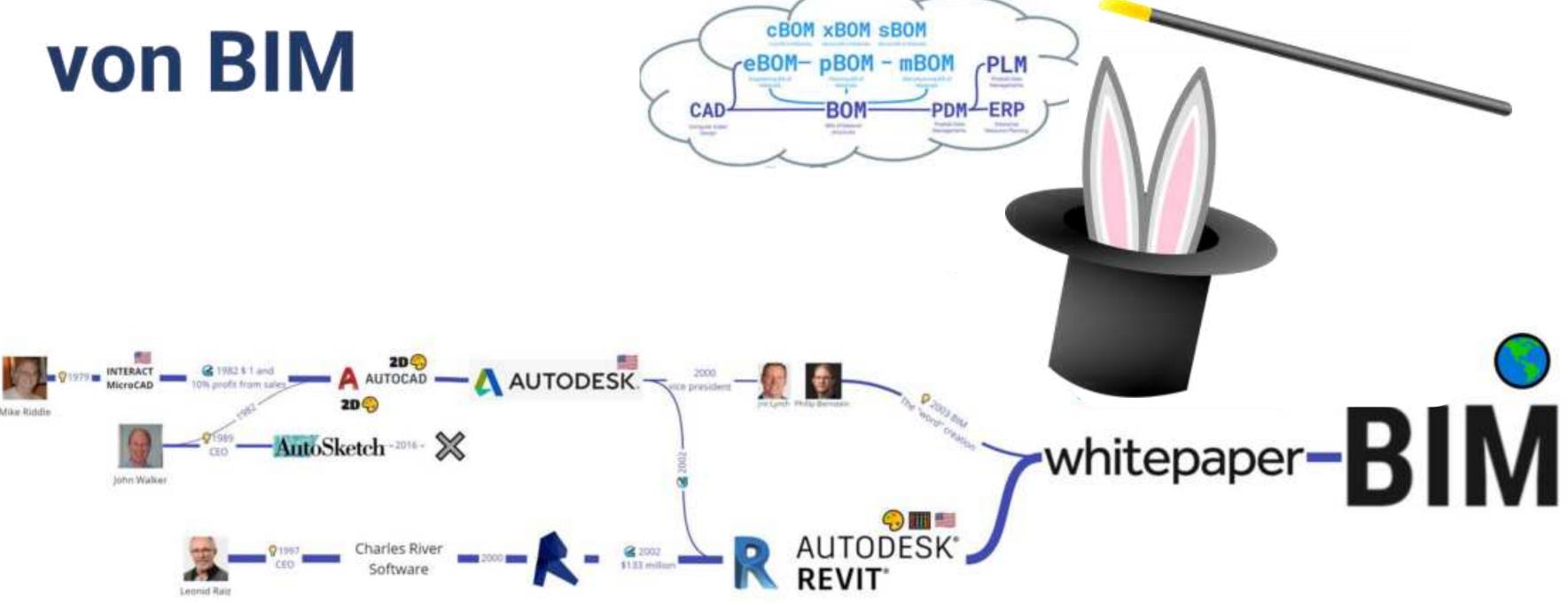


Samuel P. Geisberg

Leonid

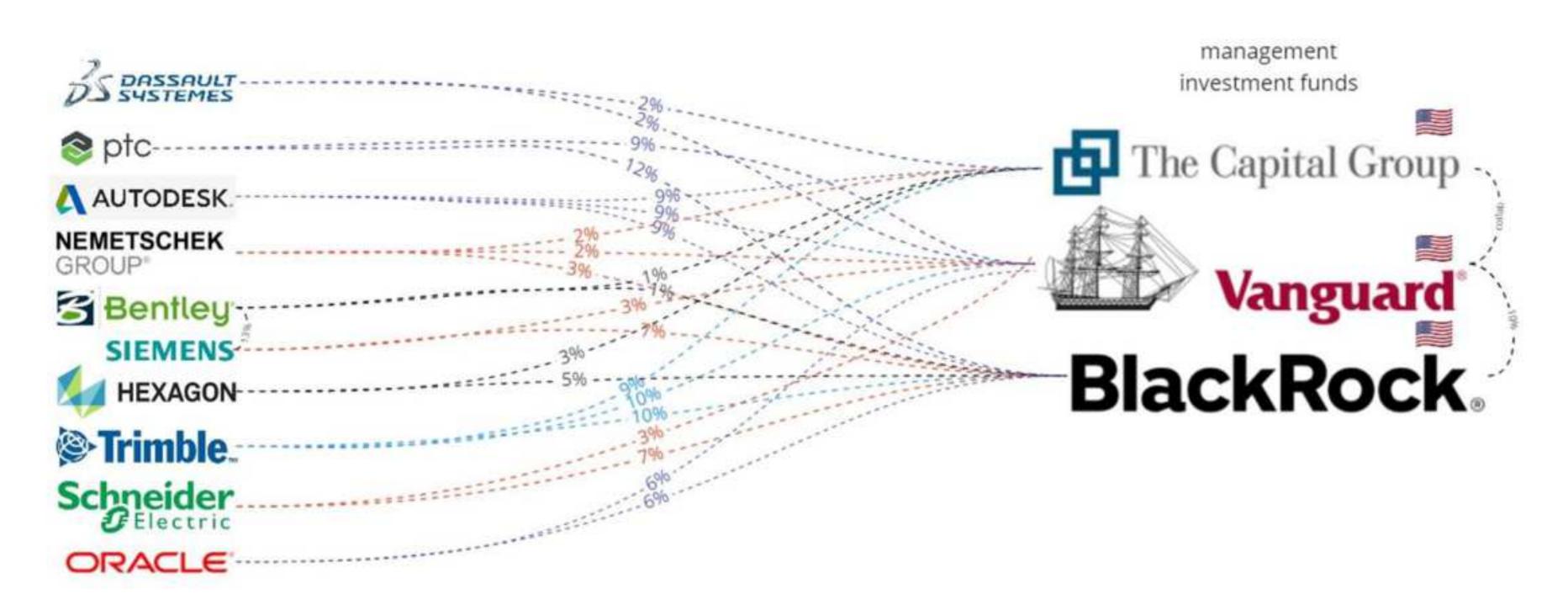


Das Entstehen

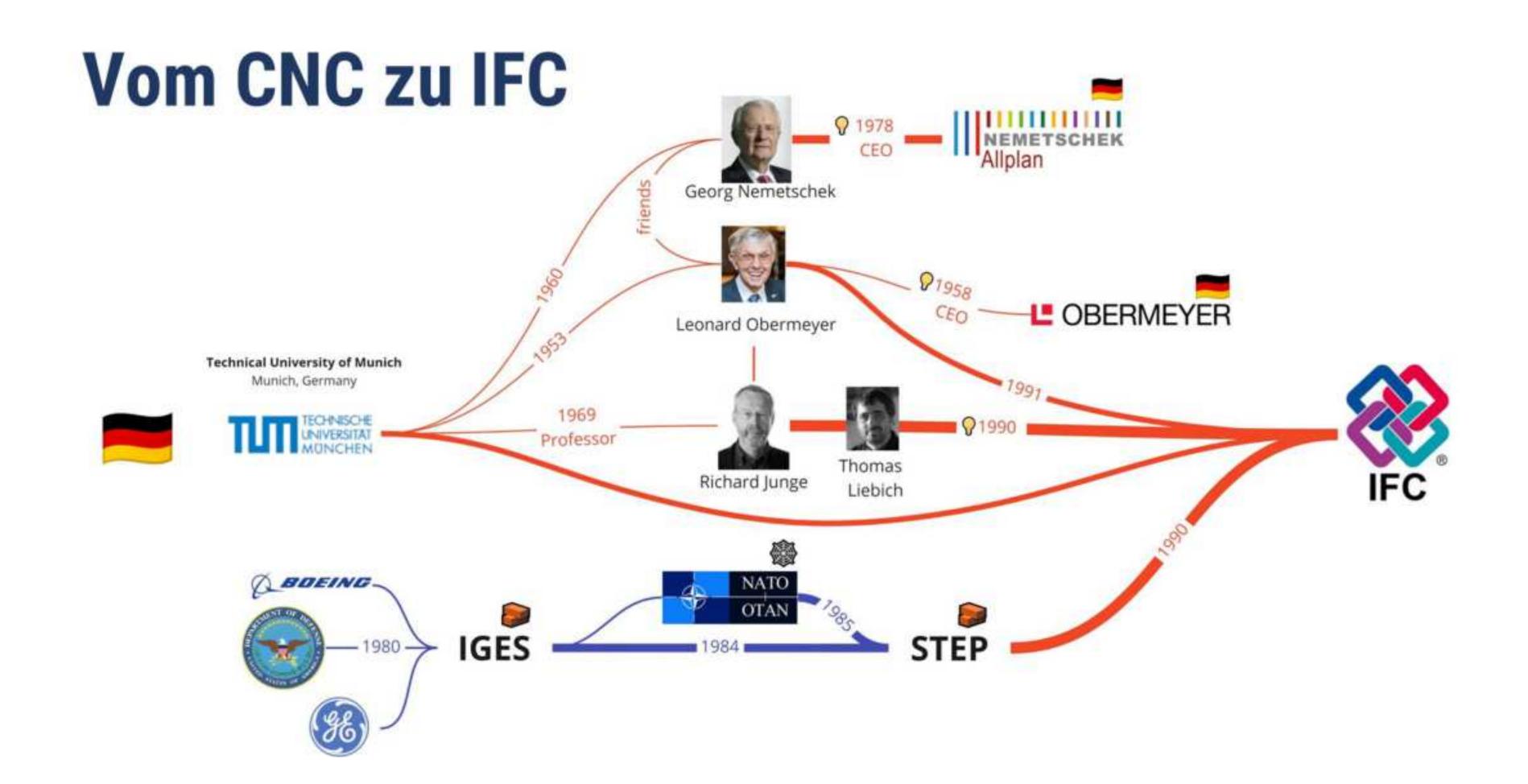


Shareholders of Major CAD Companies

by Artem Boiko, 2021 bigdataconstruction.com



Bedeutende Startups aufgekauft in den letzten 20 Jahren AUTODESK. NTERGRAPH AUTODESK' HEXAGON-ADVANCE STEEL LUCIAD BlackRock. / ARCHICAD (V) VECTORWORKS NEMETSCHEK GROUP* Vanguard^{*} SOLIBRI FRILO -speed **3** Bentley MicroStation -IdeaGraphix SketchUp Trimble. (@ROAD cengea)

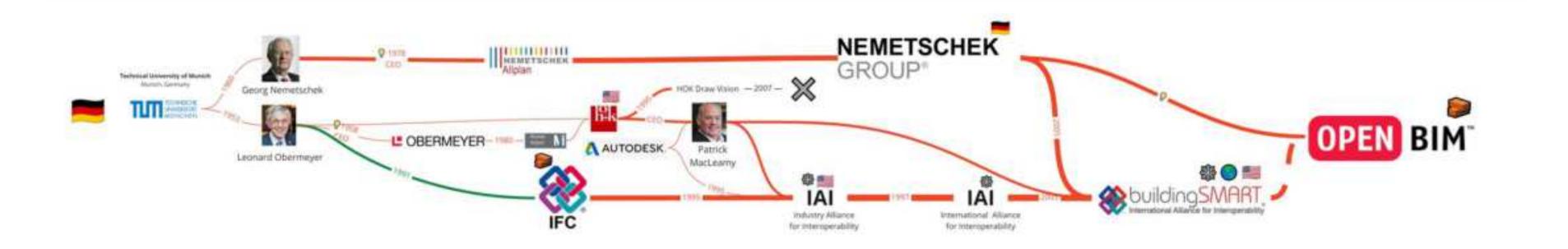




CEO

Patrick MacLeamy





Offizielle Graphisoft and Trimble Website

ArchiCAD BIMcloud BIMx

OPEN BIM

Users

Learning

Downloads

Support

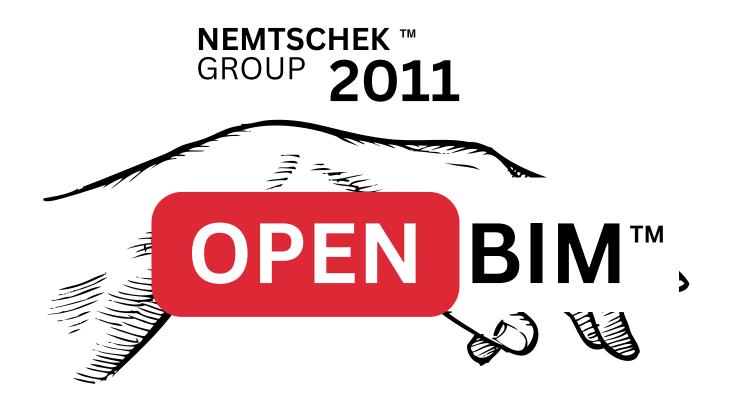
OPEN BIM Program Structural Workflows MEP Workflows Downloads



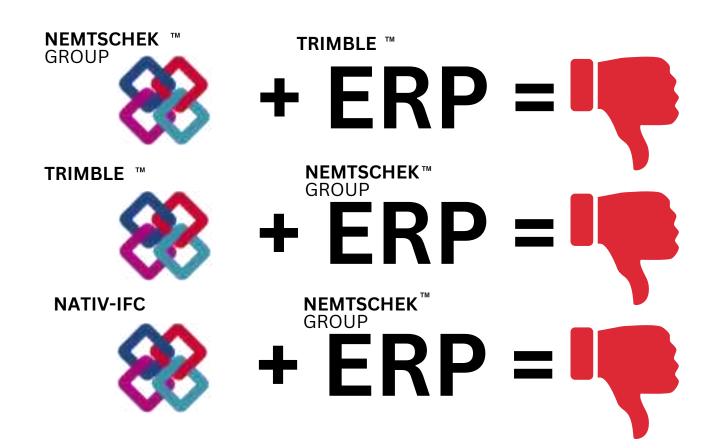


OPEN BIM Program

The OPEN BIM Program is a marketing campaign initiated by GRAPHISOFT®, Tekla® and others to encourage and facilitate the globally coordinated promotion of the OPEN BIM concept throughout the AEC industry, with aligned communication and common branding available to program participants.

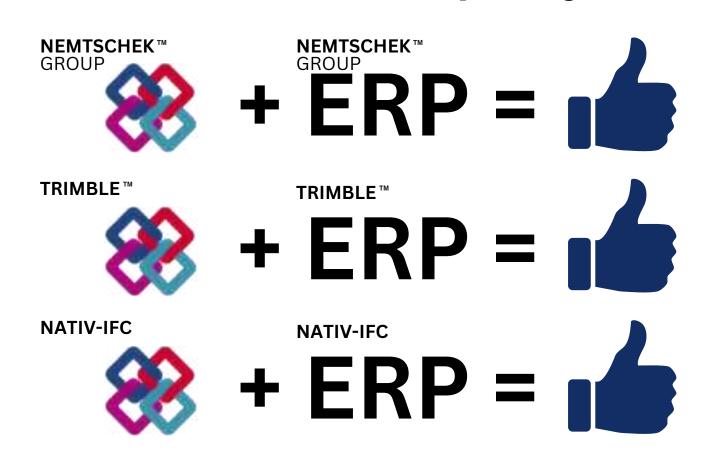


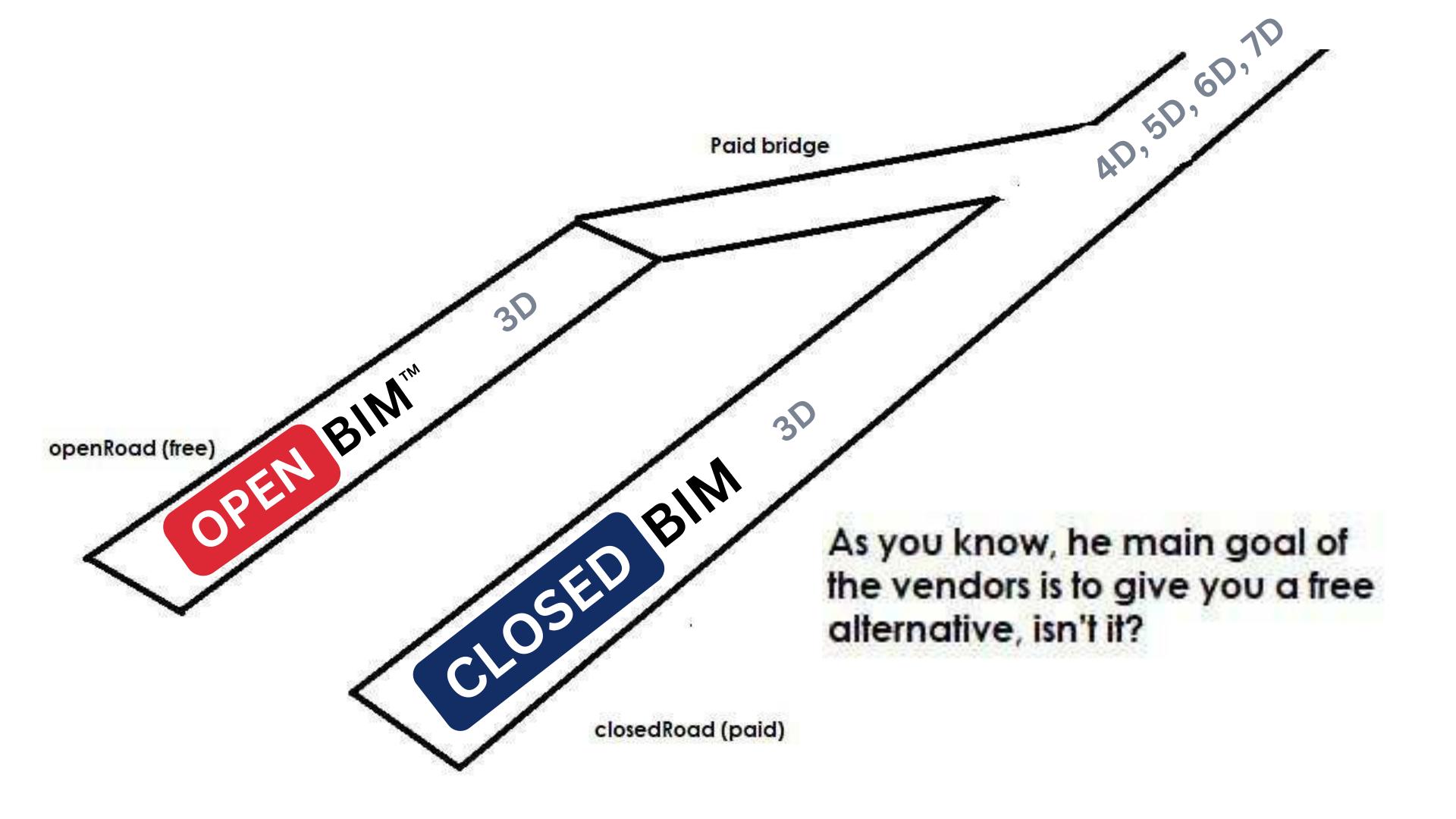
Questionable data quality





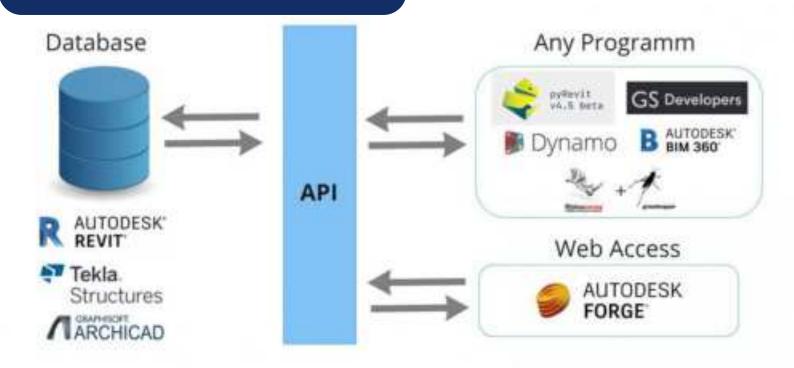
Sufficient data quality





As you know, he main goal of the vendors is to give you a free alternative, isn't it?

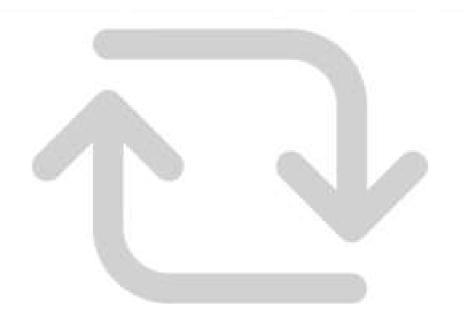
CLOSED BIM



APPLICATION

INTERFACE

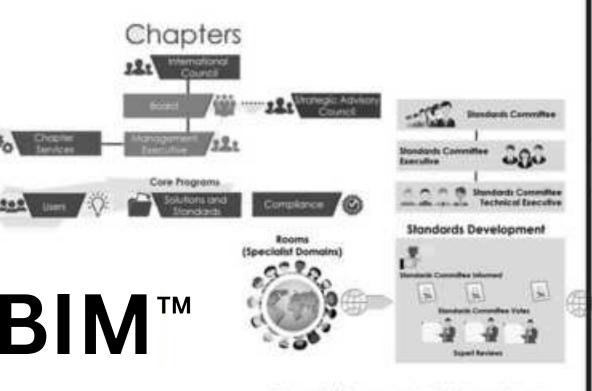
PROGRAMMING







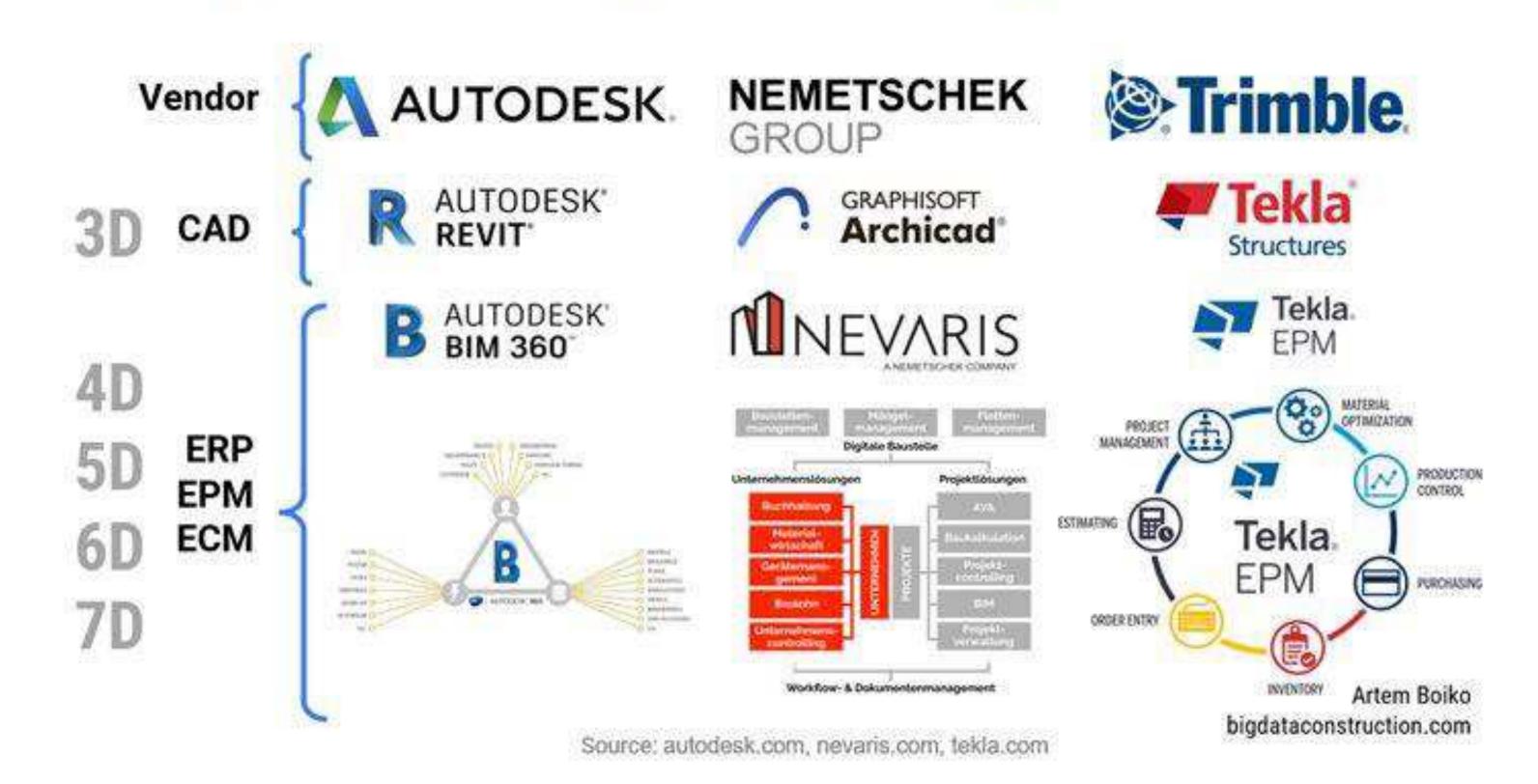
buildingSMART Organisation





you are here

Establishment of closed systems for data processing and analysis





FORGE Autodesk Platform Services (APS) and AWS Amazon

















POWERBIM



APIs: Charged per call



Storage: Charged per gigabyte



Compute: Charged per hour

Where is CAD-BIM created?

(R)DBMS+UI tables



CONSTRUCTION DATA WORLD

Revit
Archicad
Tekla

structured data

