

Drive Innovation with Technology & Human Touch



ARCHICAD

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Architect & Interior Designer

ACADEMIC & WORKING EXPERIENCE

- Application Engineer at PT Indonesia Applicad
- BIM Coordinator Internship at **PDW**
- Guest Lecturer at **Podomoro University**
- Certified Graphisoft BIM Manager
- Architect at PT Karya Insan Sehati
- Interior Designer at **PT Gresth Living**









ARCHICAD 2006 2007 NOW 2000 14.4 10 Par 40 - 10 1 Architecture Rapid GLOBAL PLANT Mechanical Training Engineering & Prototype Construction 9 GRAPHISOFT **SS SOLID**WORKS Bentley STRATASYS' **ETC** Service ARCHICAD

1996 **Highest Revenue** growth award from **AutoPLANT**

1994

Appointed by EDA-AutoPLANT to be Distributor SolidWorks reseller

1997

in Thailand

2000 Established AppliCAD's Training Center 2006 Started Rapid Prototype Solution

2008 ArchiCAD reseller in Thailand

2007

Started Architecture Engineering & Construction Market

NOW Go into Southeast Asia Market





AEC SOFTWARE

- DESIGN	Rhinoceros modeling tools for designers SketchUp	Vray ARTLANTIS Twinmotion	LUMION
- CAD - BIM - CHECKER	<image/>	<image/>	



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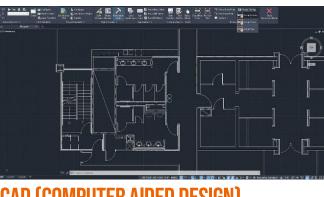
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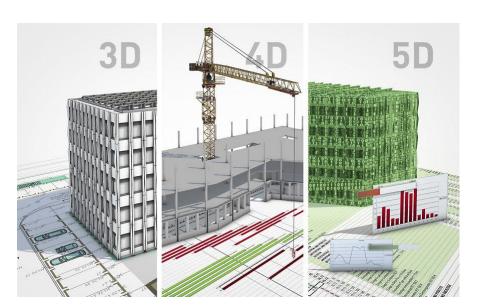
THE HISTORY

GRAPHISOFT.





CAD (COMPUTER AIDED DESIGN)

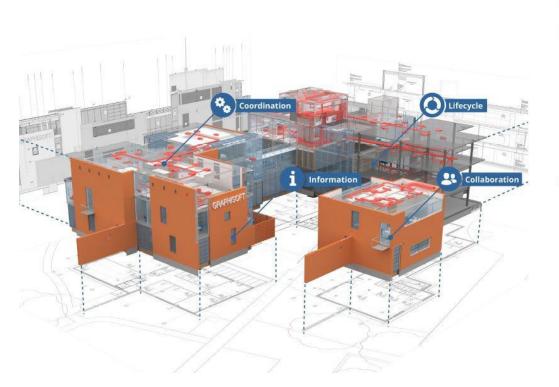


BIM



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WHAT IS BIM ? "Building information modelling"



It can be explained in many different ways. It could be a:

- Process setup that involves the full project team in a way to optimize their actions
- 3D Model that contains information that can be extracted in different formats
 - Collaborative process between different disciplines that exchange information on a 3D Model Based environment



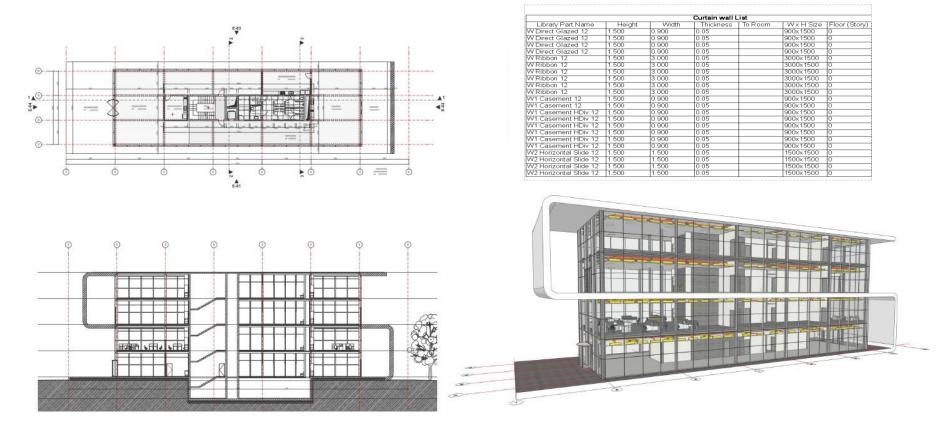
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BIM WITH 2D & 3D INTEGRATION

Four-story Mixed-use Office Building







Flon

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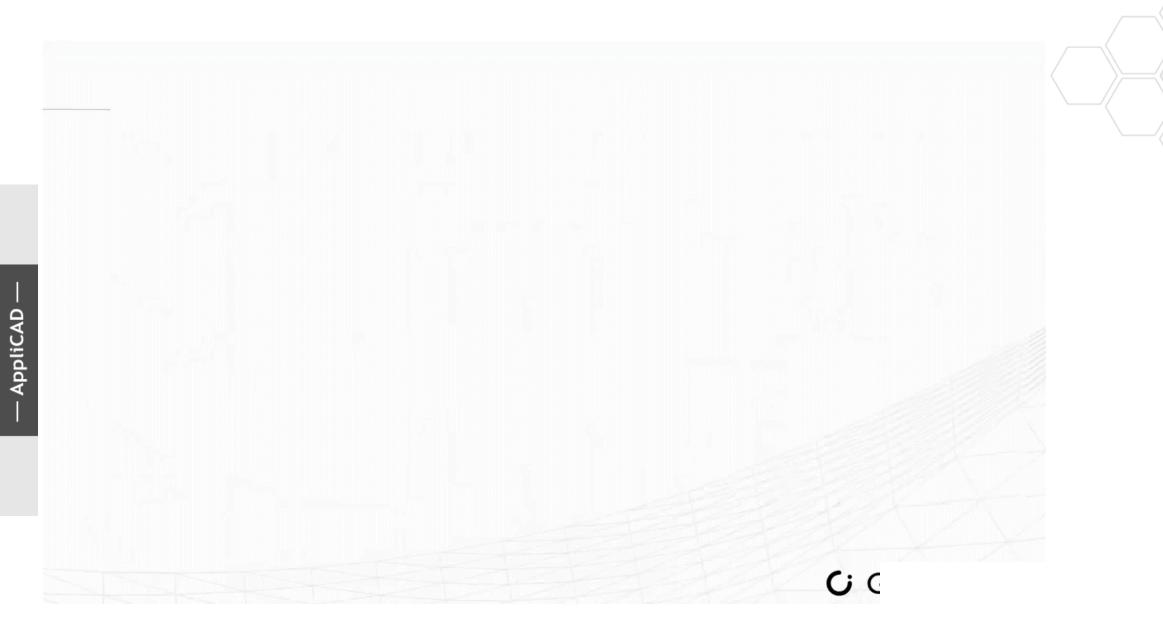






AppliCAD

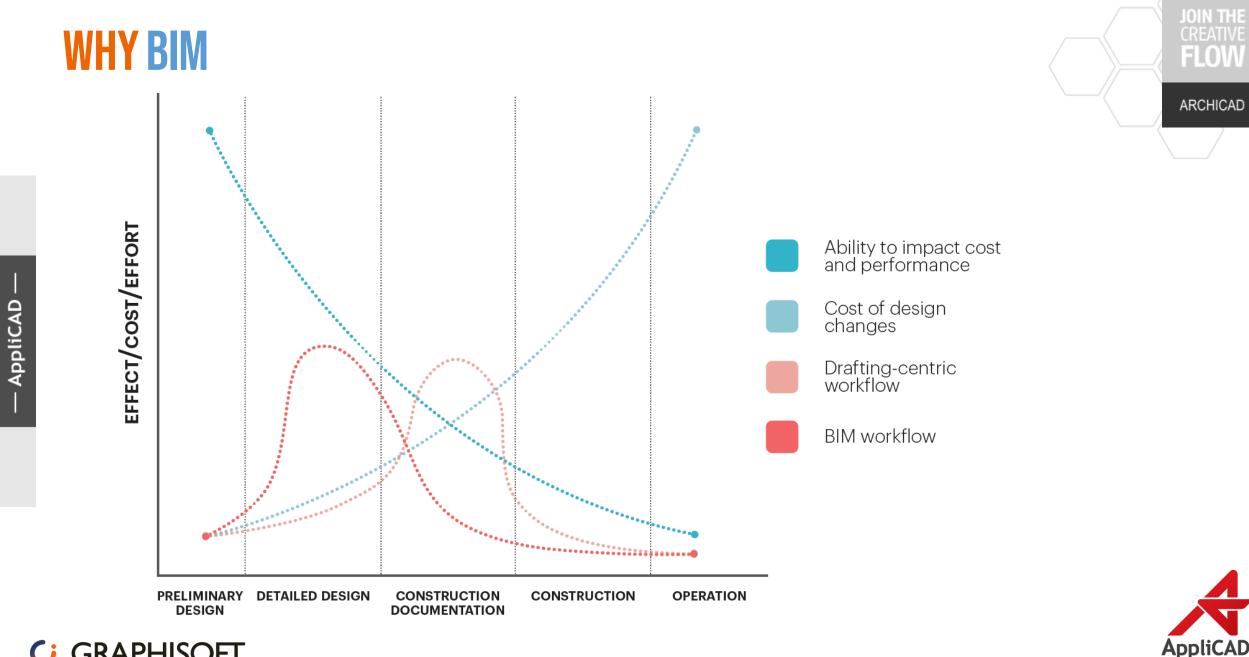






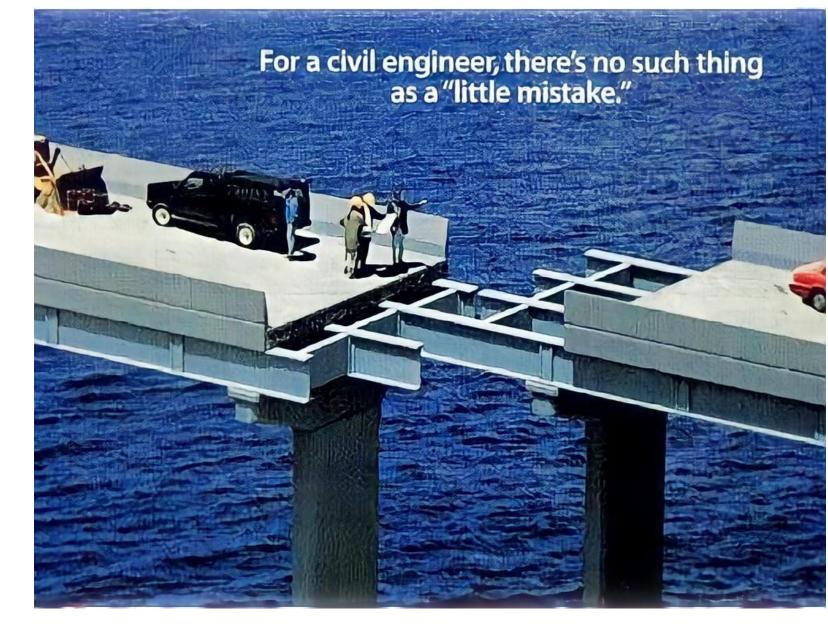
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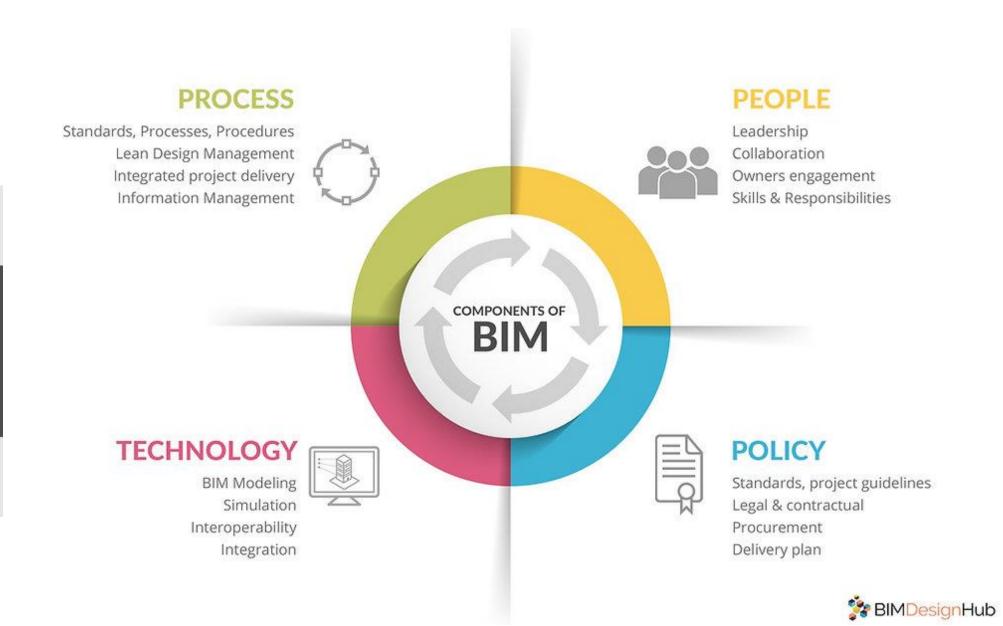
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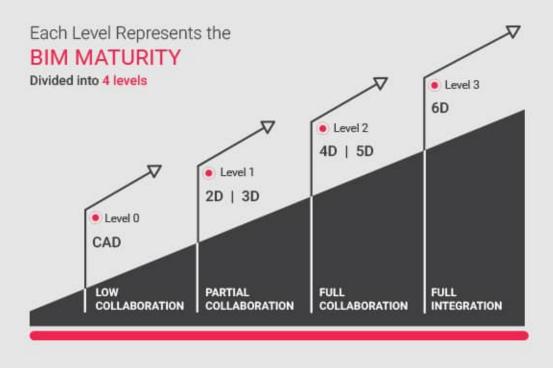




FLOW



BIM Levels Explained







GOVERNMENT REGULATION

Kewajiban penggunaan BIM untuk bangunan gedung negara dengan luas 2000m² dan diatas 2 lantai

*kedepannya tidak hanya untuk bangunan negara saja

PERMEN PUPR Nomor 22/PRT/M/2018

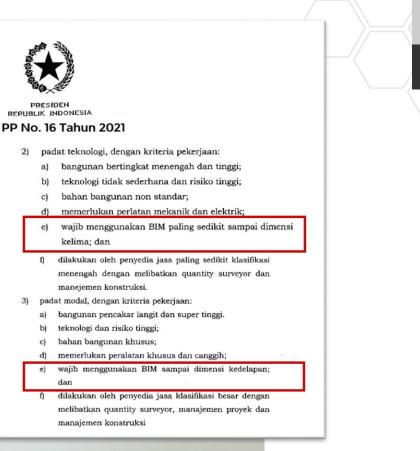


MENTERI PEKERJAAN UMUM DAN PERUMAHAN RAKYAT REPUBLIK INDONESIA

PERATURAN MENTERI PEKERJAAN UMUM DAN PERUMAHAN RAKYAT REPUBLIK INDONESIA NOMOR 22/PRT/M/2018 TENTANG PEMBANGUNAN BANGUNAN GEDUNG NEGARA

DENGAN RAHMAT TUHAN YANG MAHA ESA

MENTERI PEKERJAAN UMUM DAN PERUMAHAN RAKYAT REPUBLIK INDONESIA,

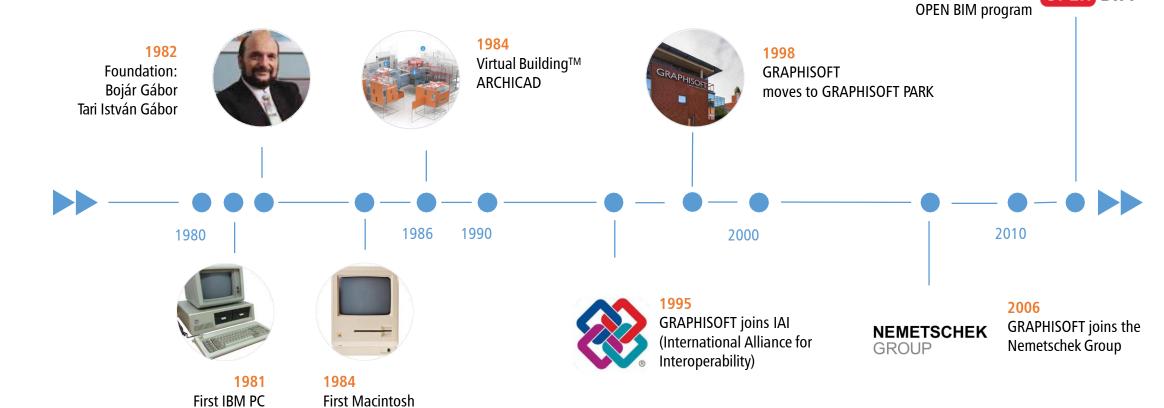






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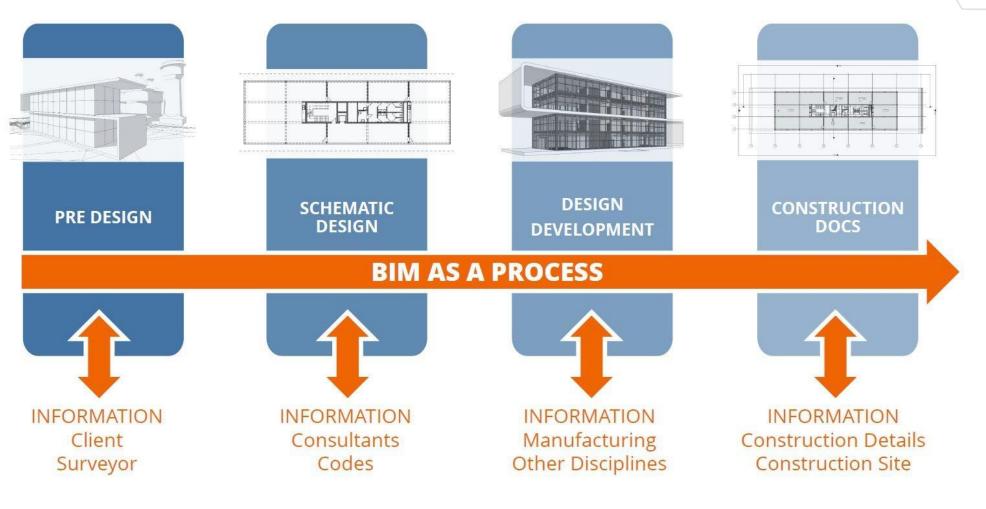
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2012 OPEN BIM



INFORMATION INSIDE BIM

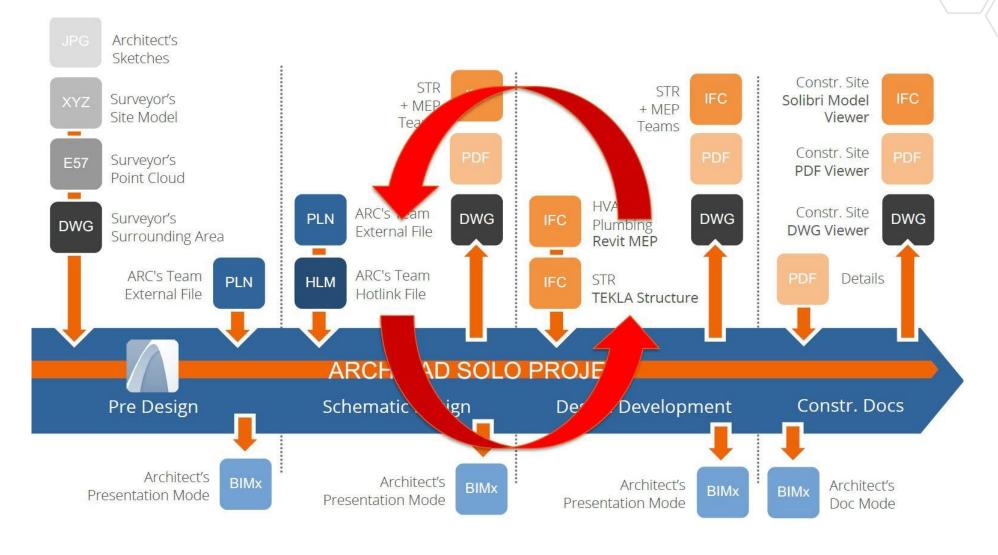






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GRAPHISOFT



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Interoperability is key to the digital transformation in the built asset industry Open and neutral standards should be developed to facilitate interoperability Reliable data exchanges depend on independent quality benchmarks Collaboration workflows are enhanced by open and agile data formats Flexibility of choice of technology creates more value to all stakeholders Sustainability is safeguarded by long-term interoperable data standards

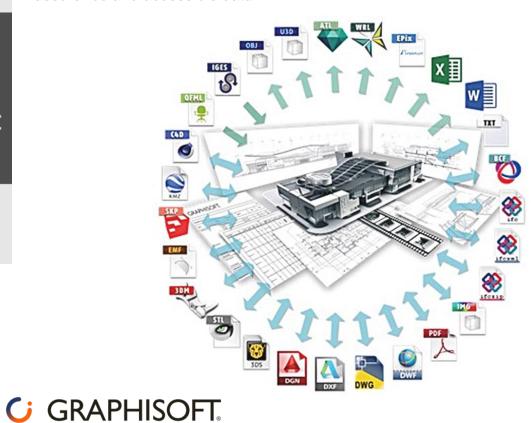


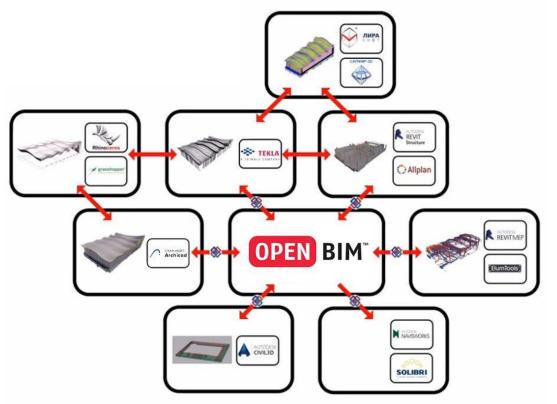


WE ARE OPEN

OPEN BIM is a modern approach to collaboration that welcomes all software vendors, AEC practices (designers, engineers and builders) as well as building owners.

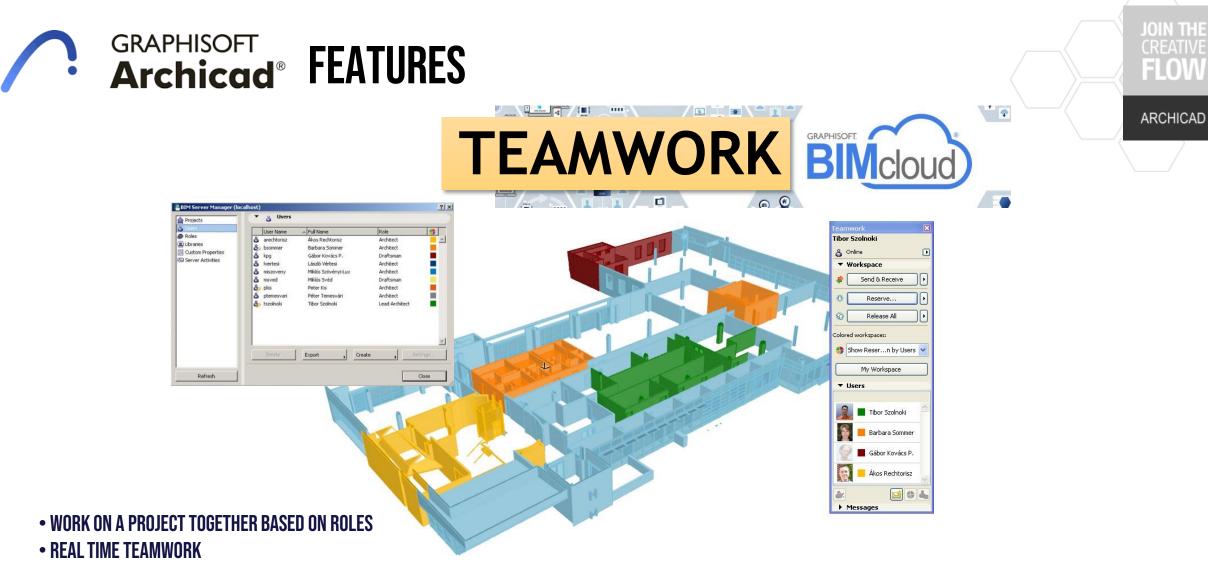
We are open. Open to working with the best partners for the job regardless of their software choices. Open to future-proof solutions, transparency, quality assurance and accessible data.











• CENTRALLY DEFINED USER COLOUR AND BUILD IN MESSAGING PLATFORM









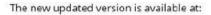


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BIMx - Virtual Building for presentation







Real-time 3D cutaway Better performance Parallel projection

ExploreCommunicateShareRealtime walk, fly through modelClear design, distance & spaceWithout program installed





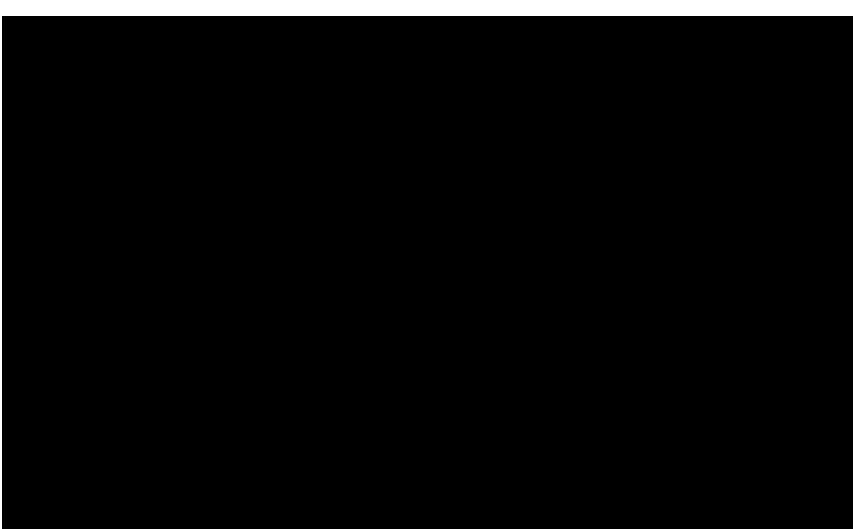
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LWK +PARTNERS



66 We chose Archicad, because our ultimate purpose is to make things work.

William Cheung Director, LWK + Partners

We didn't set out to be BIM users only – we also see ourselves as promoters to influence our peers in the industry.

William Cheung Director, LWK + Partners





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"TEAMWORK MADE US REALLY Excited about the prospects of what it meant for us as an organization."



Nonda Katsalidis and Karl Fender, Principals FENDER KATSALIDIS, Australia



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REVITALISASI TAMAN ISMAIL MARZUKI JAKARTA







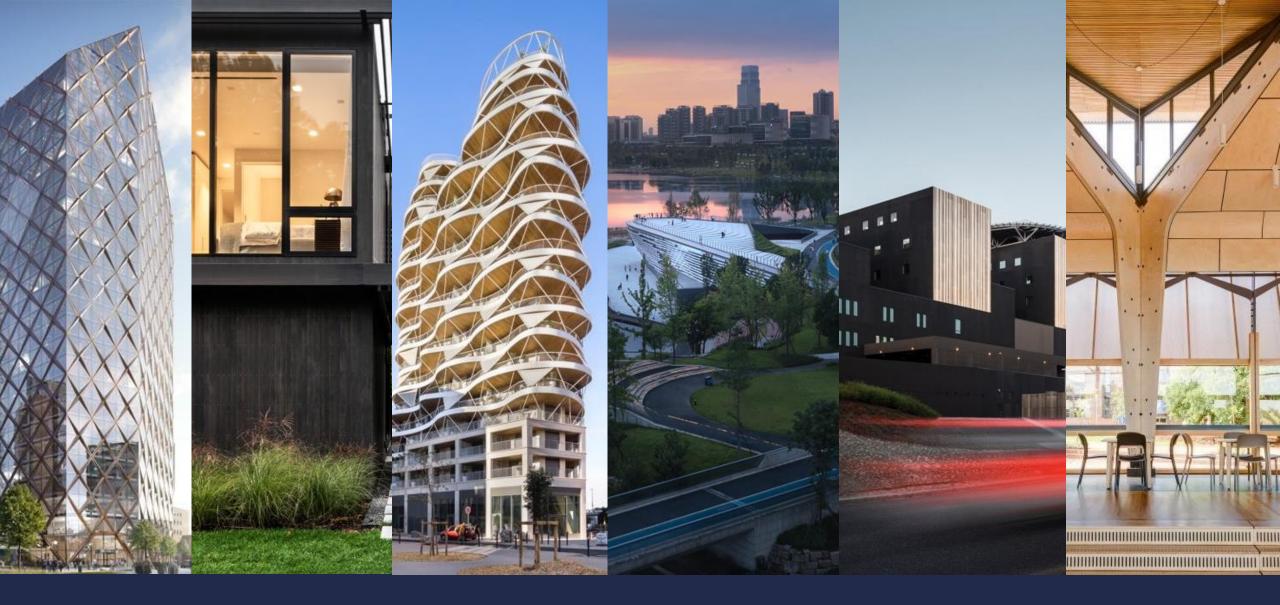




AppliCAD



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THANK YOU

