

Transforming the way the world works

Niklas Kihlén



Framtidens projektering





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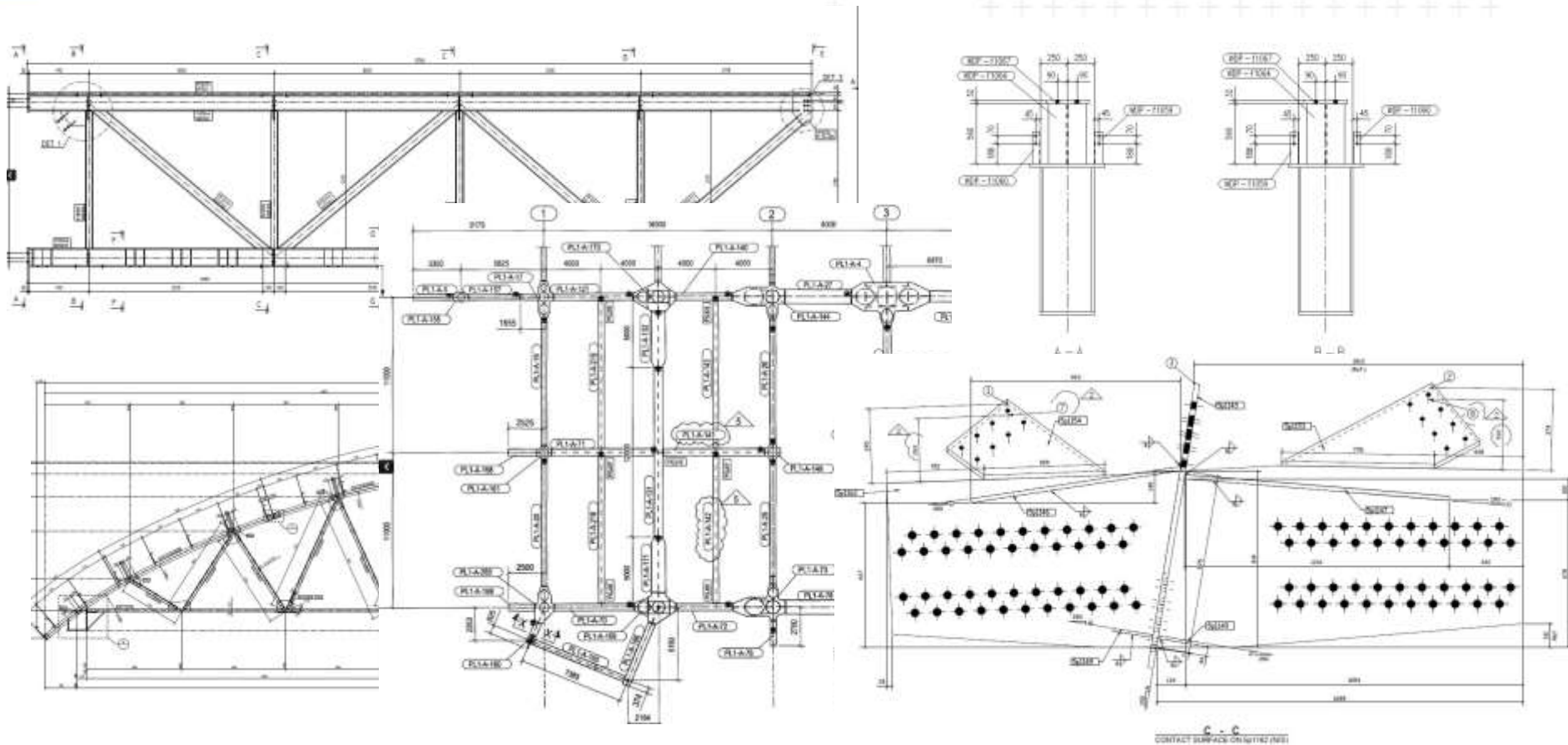


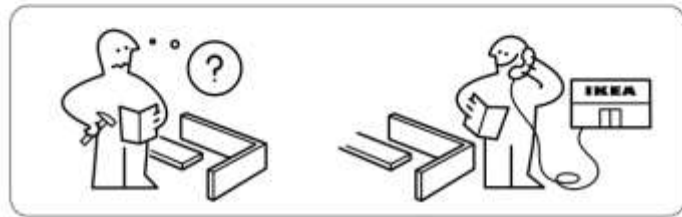
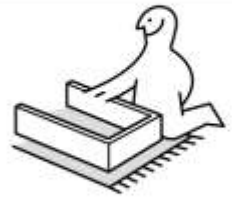
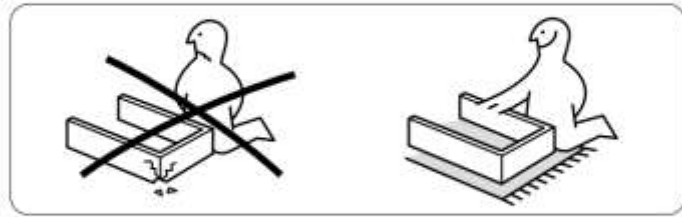
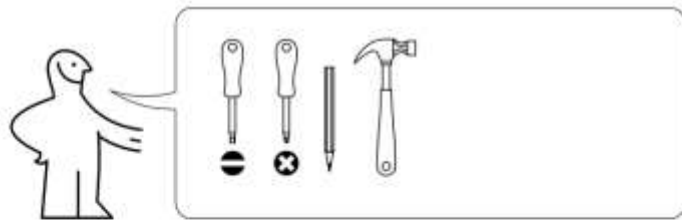
- 16 år i branschen
- Byggnadsingenjör
- Datateknik

Trimble

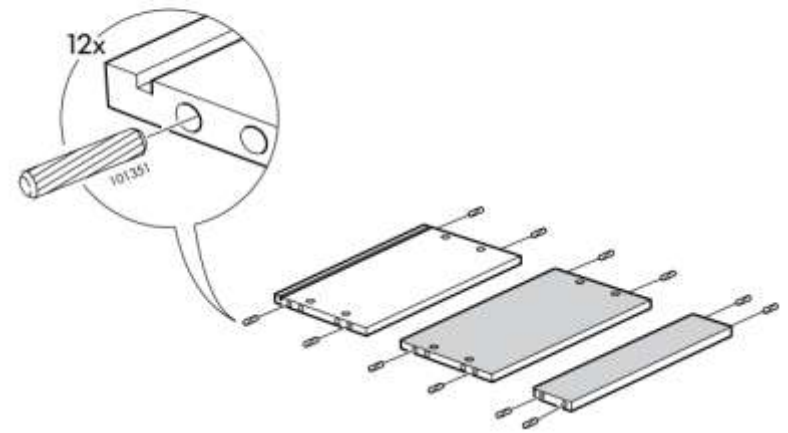


- >8000 anställda
- Kunder i 150 länder
- Tekla Structures
- Tekla Field 3D
- Tekla BIMsight
- Trimble Connect



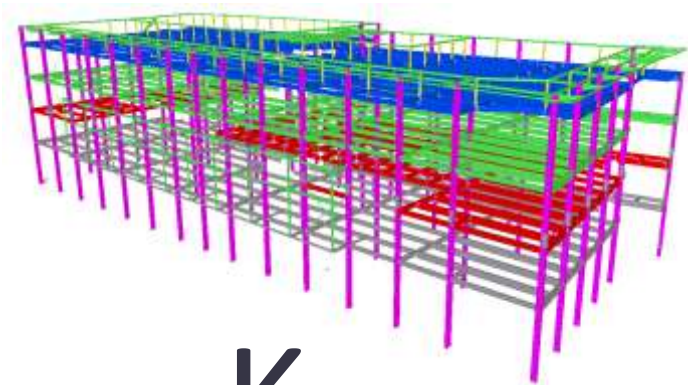
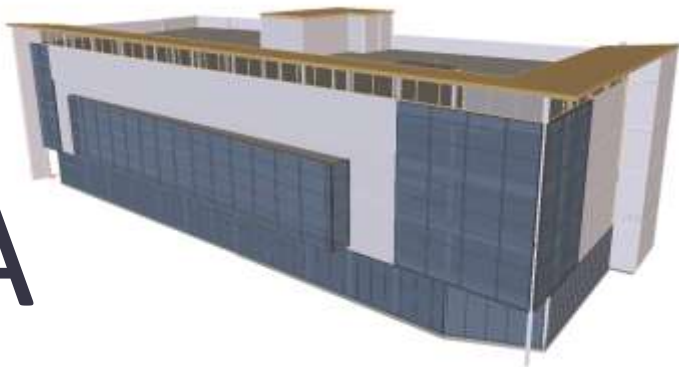


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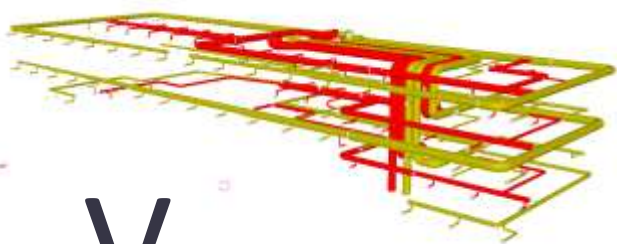




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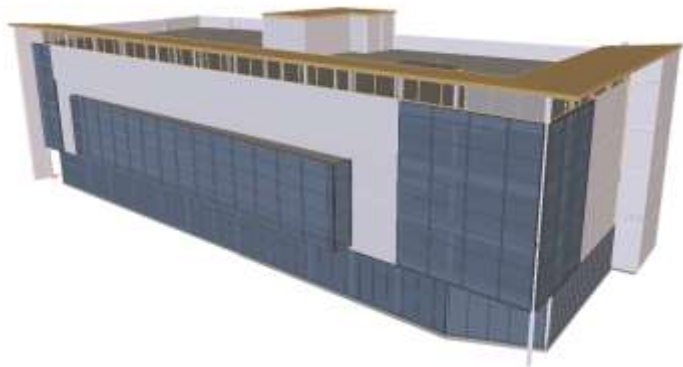


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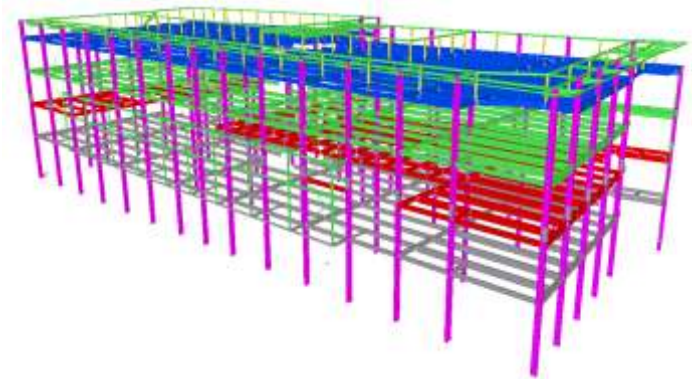


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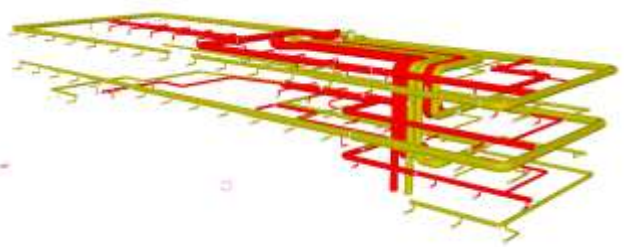




IFC



IFC



IFC



CoClass

-  Internationellt
-  Hela livscykeln
-  Gemensamt språk
-  Digitalt
-  All byggd miljö



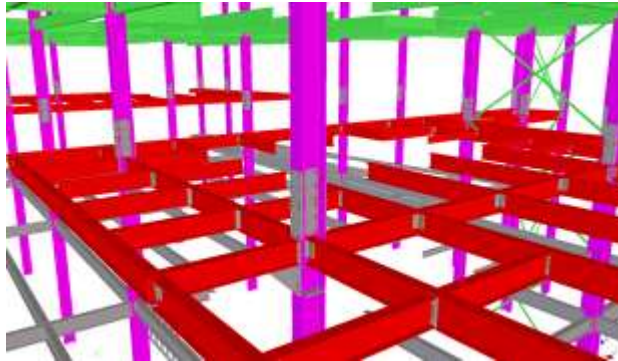
Spaning 1

- **Klassificera modellen i CoClass**
- **Förmedla med ifc-formatet**
- **Program som tolkar modelldata direkt**

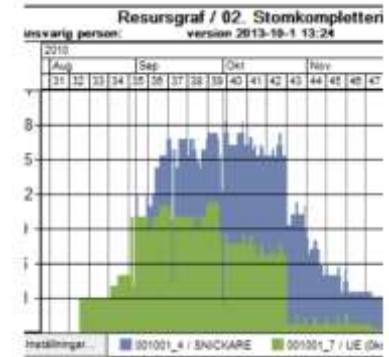


API

.NET



API





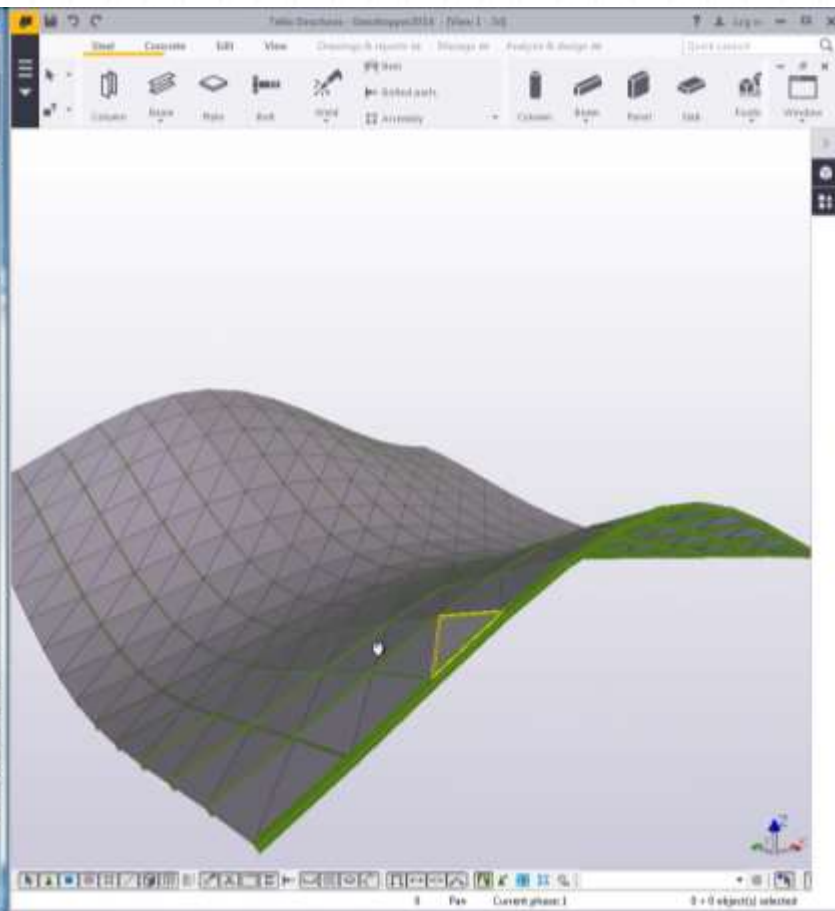
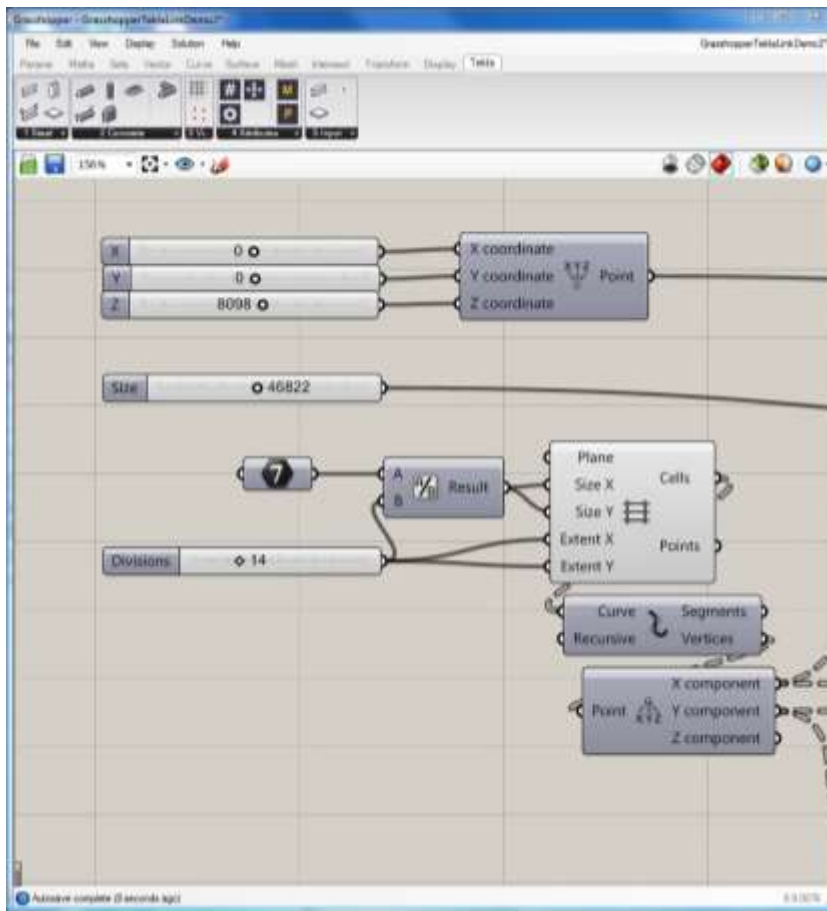
Spaning 2



- **Fler länkar mellan program för enklare och snabbare beslut**



Regelbaserad konstruktion





Spaning 3

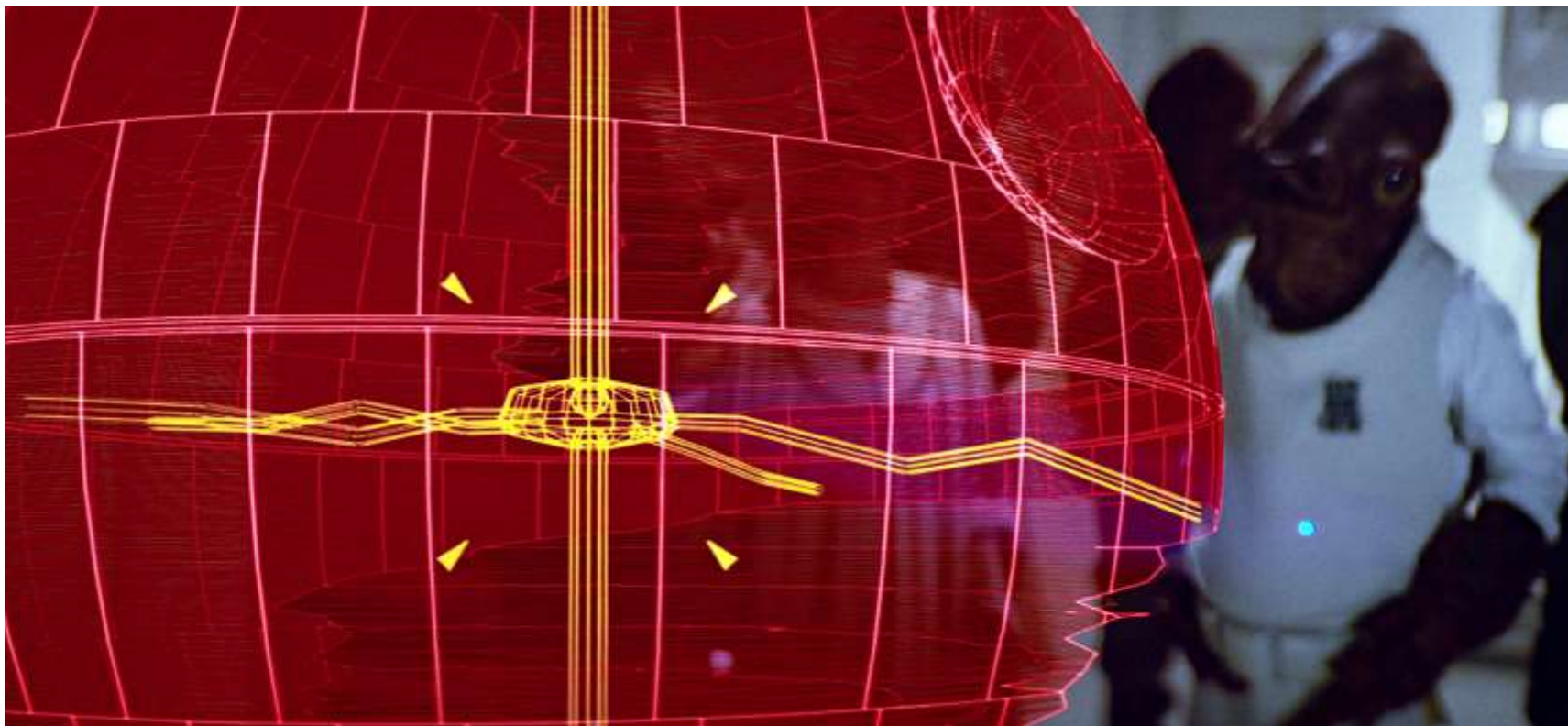


- Mer prefab, mer kreativitet med regelbaserad projektering

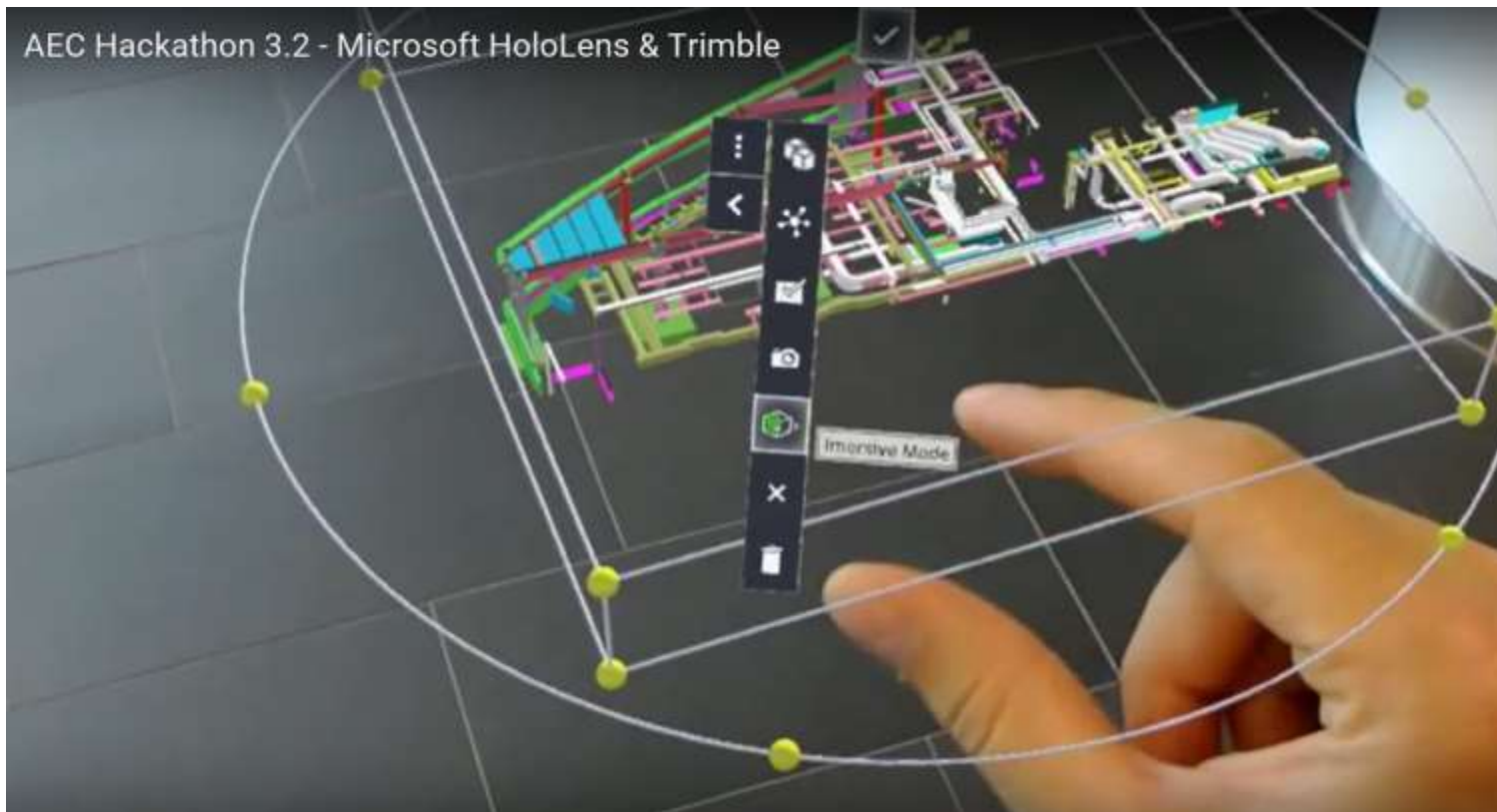


Visualisering och interaktion





AEC Hackathon 3.2 - Microsoft HoloLens & Trimble



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Microsoft HoloLens

- Wearable computer
- Sensors that map environment
- Holographic display
- Windows 10





Spaning 4



- Bärbar teknik
- Tillgång till data på plats
- Samarbete i virtuella miljöer kopplat till verkligheten



CoClass

Program styr varandra

Regelbaserad konstruktion

Förstärkt verklighet



Transforming the way world works.