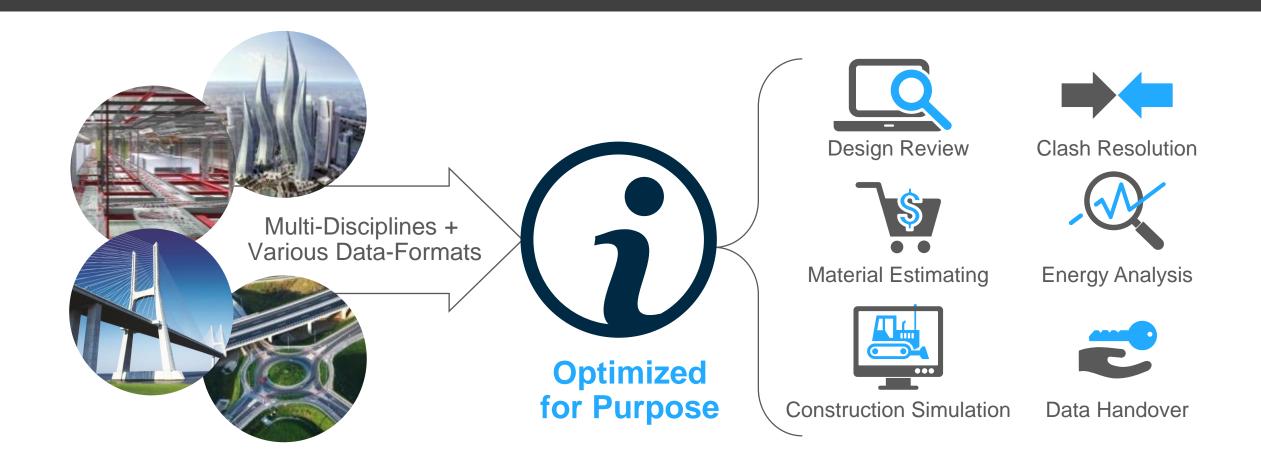


Chris Collins Senior Engineering Consultant



## i-model 1.0



Accurate

Provenance

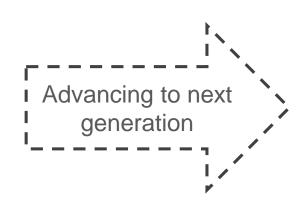
**Self Contained** 

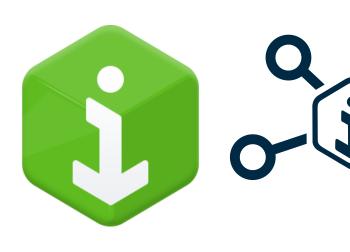
Lightweight

i-model 1.0

#### iModel 2.0 Platform



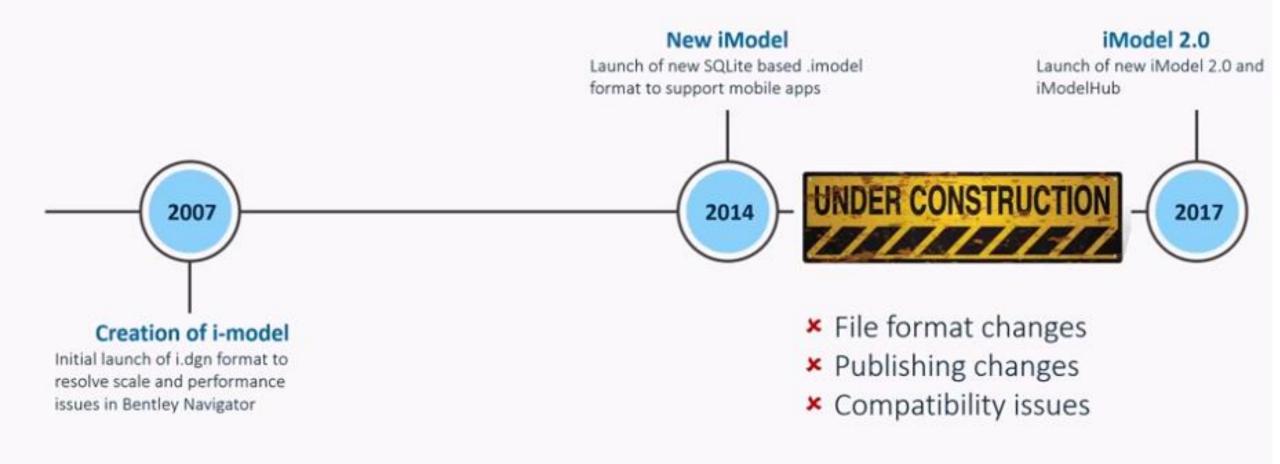








#### iModel Growing Pains



## iModel









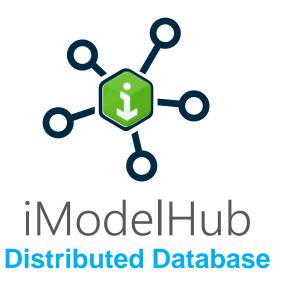
# An iModel is a relational database

Not Client-Server Architecture
(A local database with no network latency)

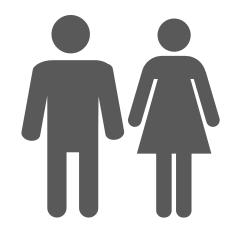
**Powerful SQL Queries:** 

SELECT \* FROM DOOR





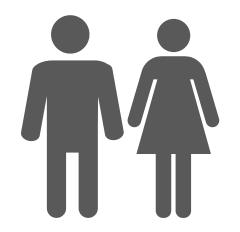




#### **Distributed Workflows**

(Geography, People, Organizations)

**Scale-out** (No Bottleneck Database)



**ACCESSIBILITY** 







### **Bentley**®







ALIGNMENT

iModel Bridge iModel Bridge

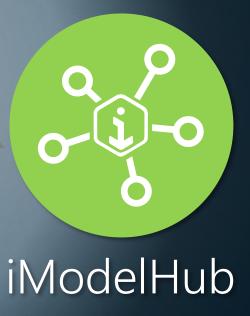




- Detects incremental changes
- Transforms data into aligned structure
- Aggregates changed from many sources into a single, consistent iModel



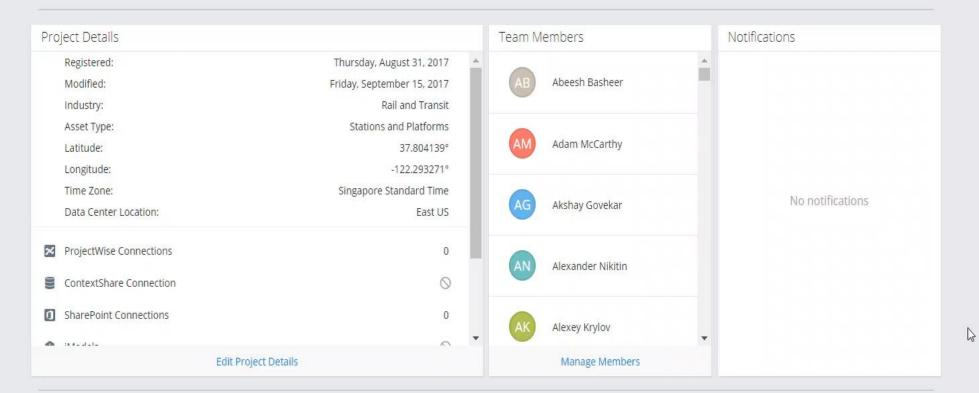




## ACCOUNTABILITY

#### ProjectWise

BSI 100 West Station 🛊



#### ProjectWise Connection Services







Performance Dashboards



Issue Resolution

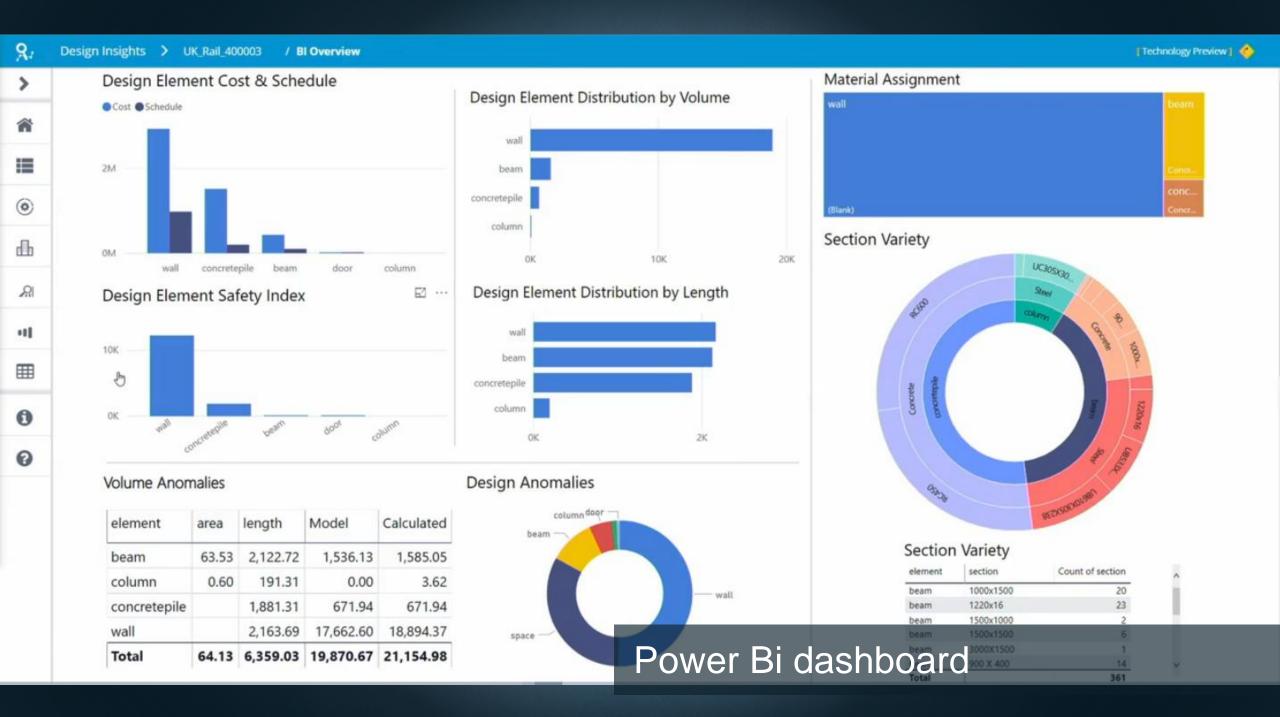


Field Data Management



Project Synchronization







#### Going Digital (Twins): Bentley Inaugurates iTwin™ Services!

October 16, 2018 | YII Press Release

Confluence of technologies enables project digital twins and performance digital twins for infrastructure engineering

LEARN MORE

https://yii.bentley.com/

## Connected Data Environment



iTwin Services

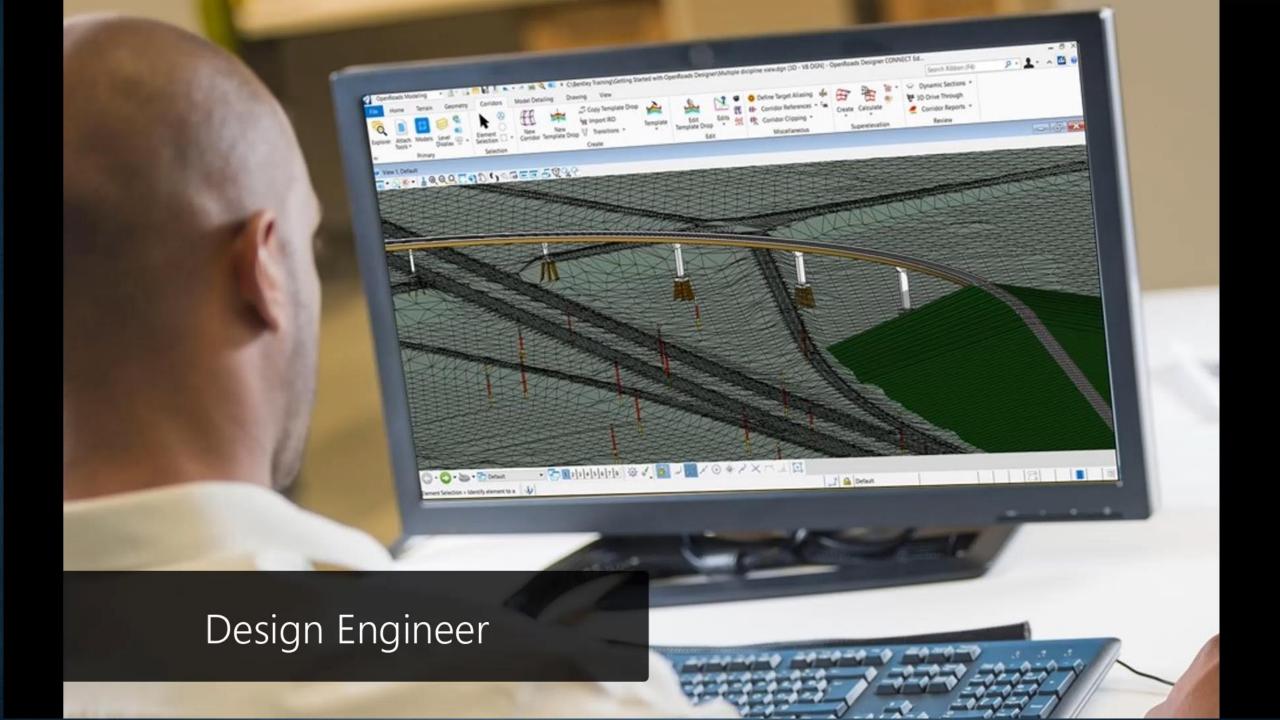


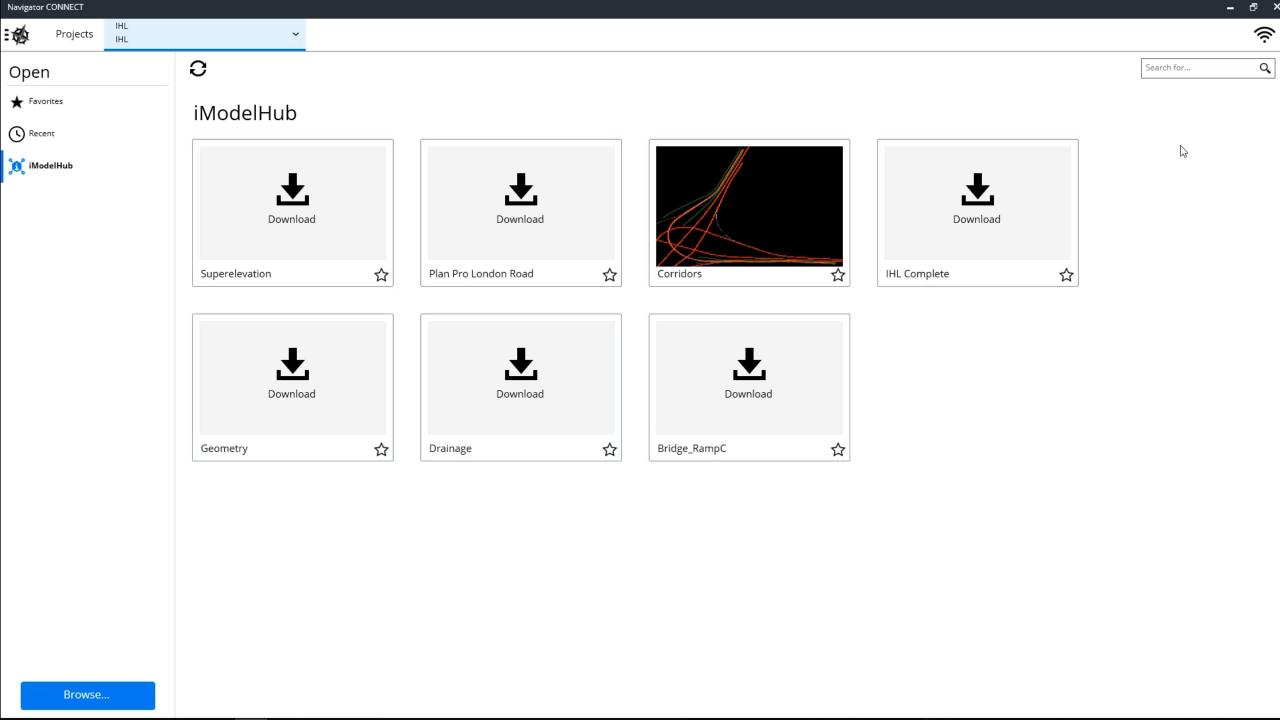






## Transportation Examples







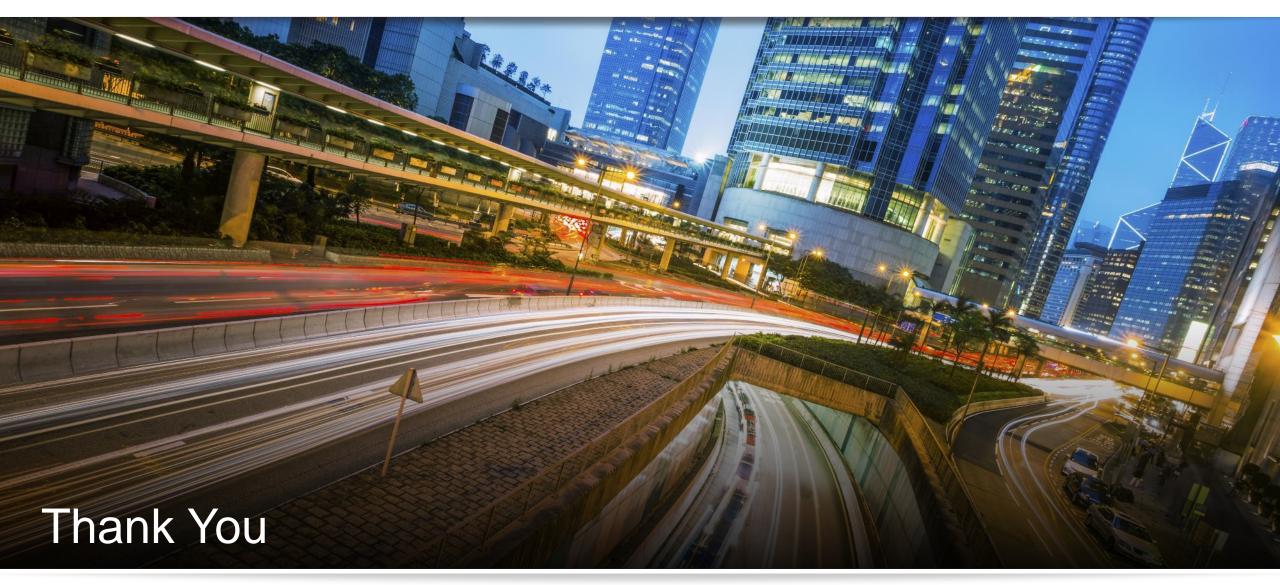
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