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Getting grip on rising
complexity of energy systems
and buildings
by digital twinning

Introducing myself



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Special interest in asset management

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This talk focuses on the
indoor digital twin

Geospatial

Introducing Allinq Digital

Our focus

- Outdoor Digital Twins
- Indoor Digital Twins
- Energy optimization
- Maintenance optimization (predictive maintenance)

Our solutions

- BIM for sustainable renovations
- Scan to BIM scripting
- LiDAR for precise measurements

Be digital

Trusted by:

Schiphol

axpo

bam

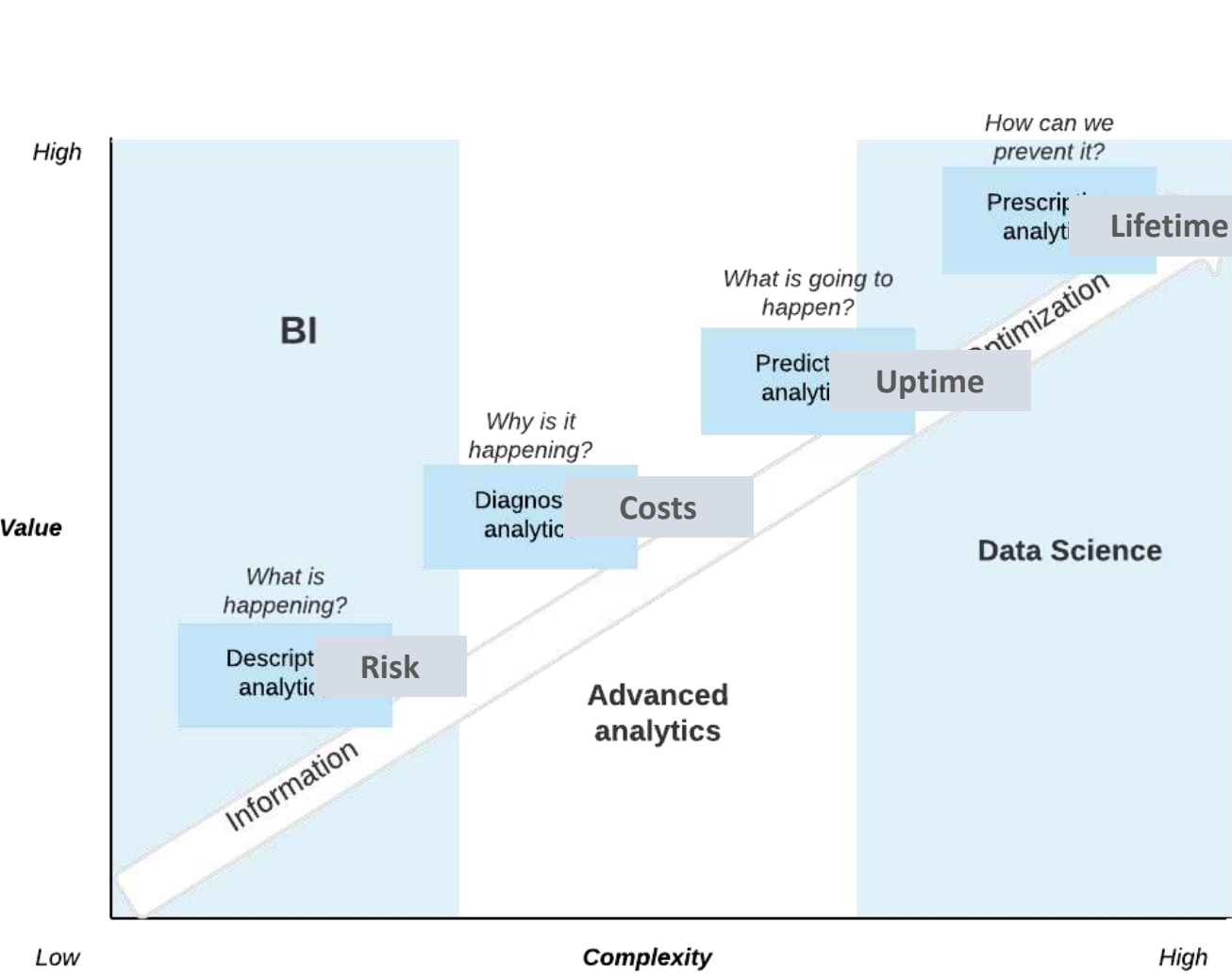
Tennet
Taking power further

Value offered to customers

- ✓ Minimization of disruption
- ✓ Increased efficiency and accuracy
- ✓ Sustainable and economic benefits
- ✓ Scalability in operations: Starting from handling 100,000 m² in 2019-2022, we expanded to managing 400,000 m² this year and are projected to handle 500,000 m² next year.

allinq
digital

Value drivers



Source: Gartner Analytics Ascendancy



Decreasing risk

We capture historical data of assets, which helps us to identify and merely avoid worst case scenarios.



Decreasing costs

We derive all needed information from ticketing and use sensordata to identify behavior of the asset.



Increasing uptime

We add sensing and smart analysis methods to predict (and prevent) downtime.



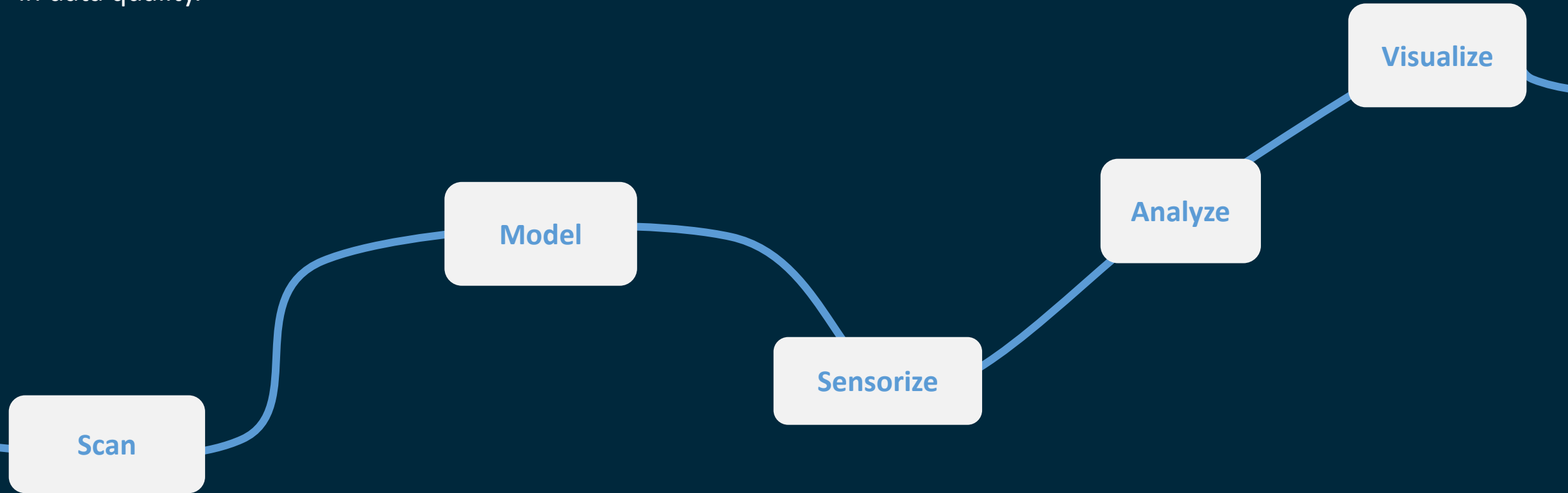
Increasing lifetime

We automatically analyze the performance of the asset and prevent the breakdown of assets by analyzing the most effective maintenance action.

Source: PWC PDM 4.0

Introducing Allinq Digital

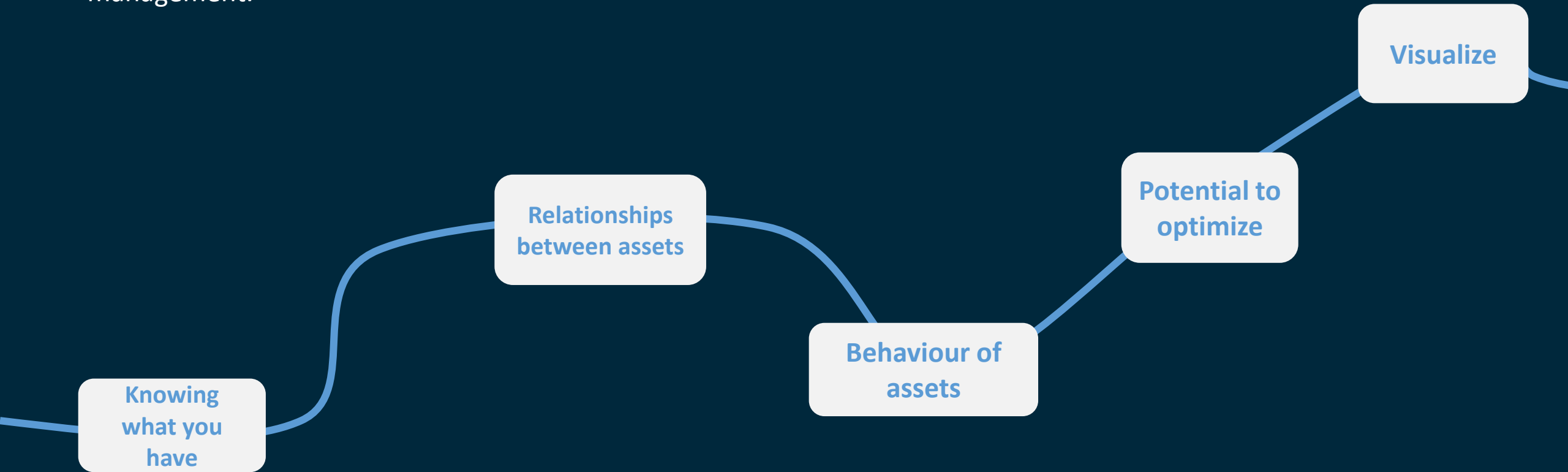
We add value in every step that we undertake with a key focus and drive in data quality.



Be digital

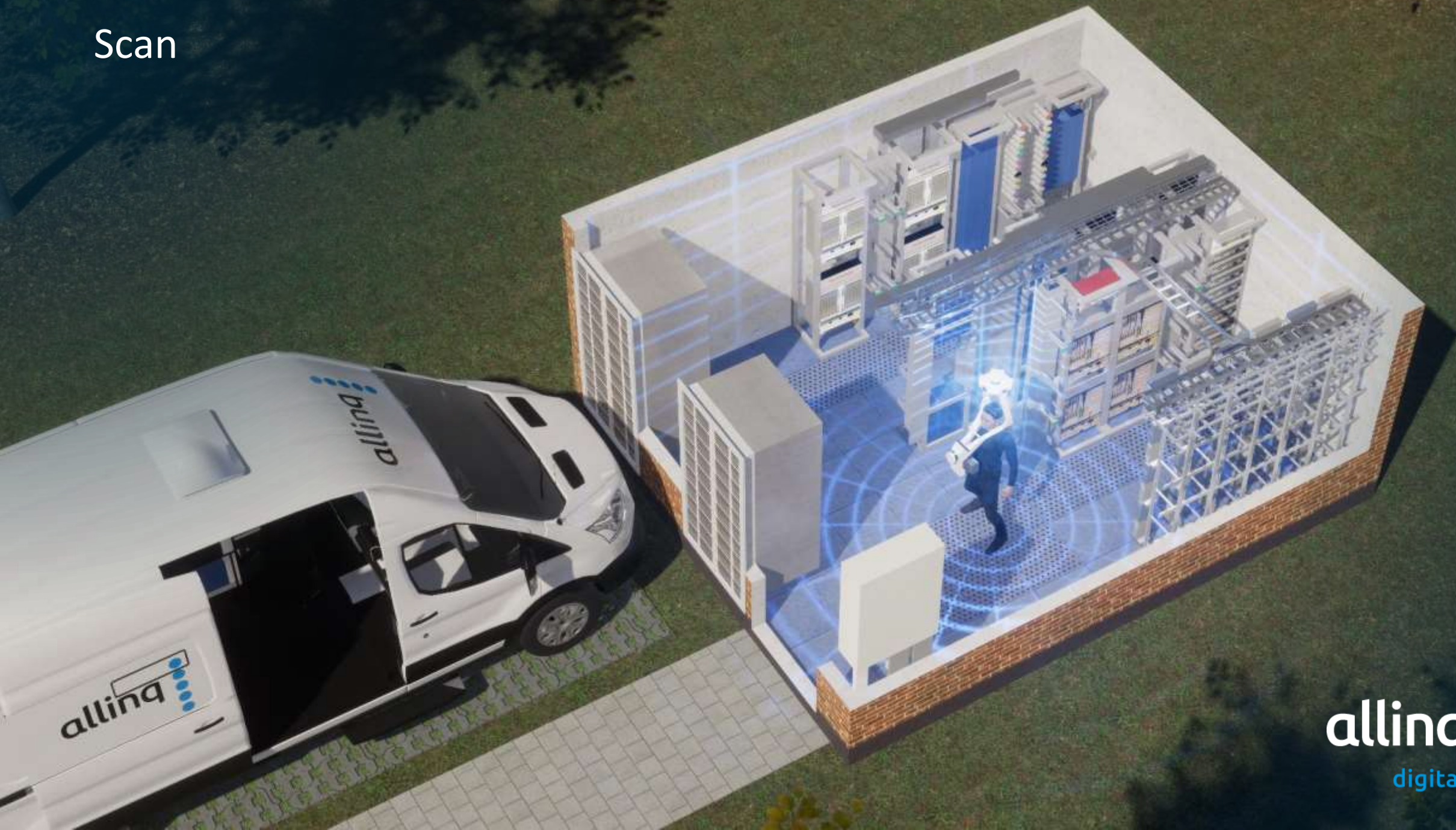
Our digital journey

We build on steps to create understanding of how to smarten the asset management.

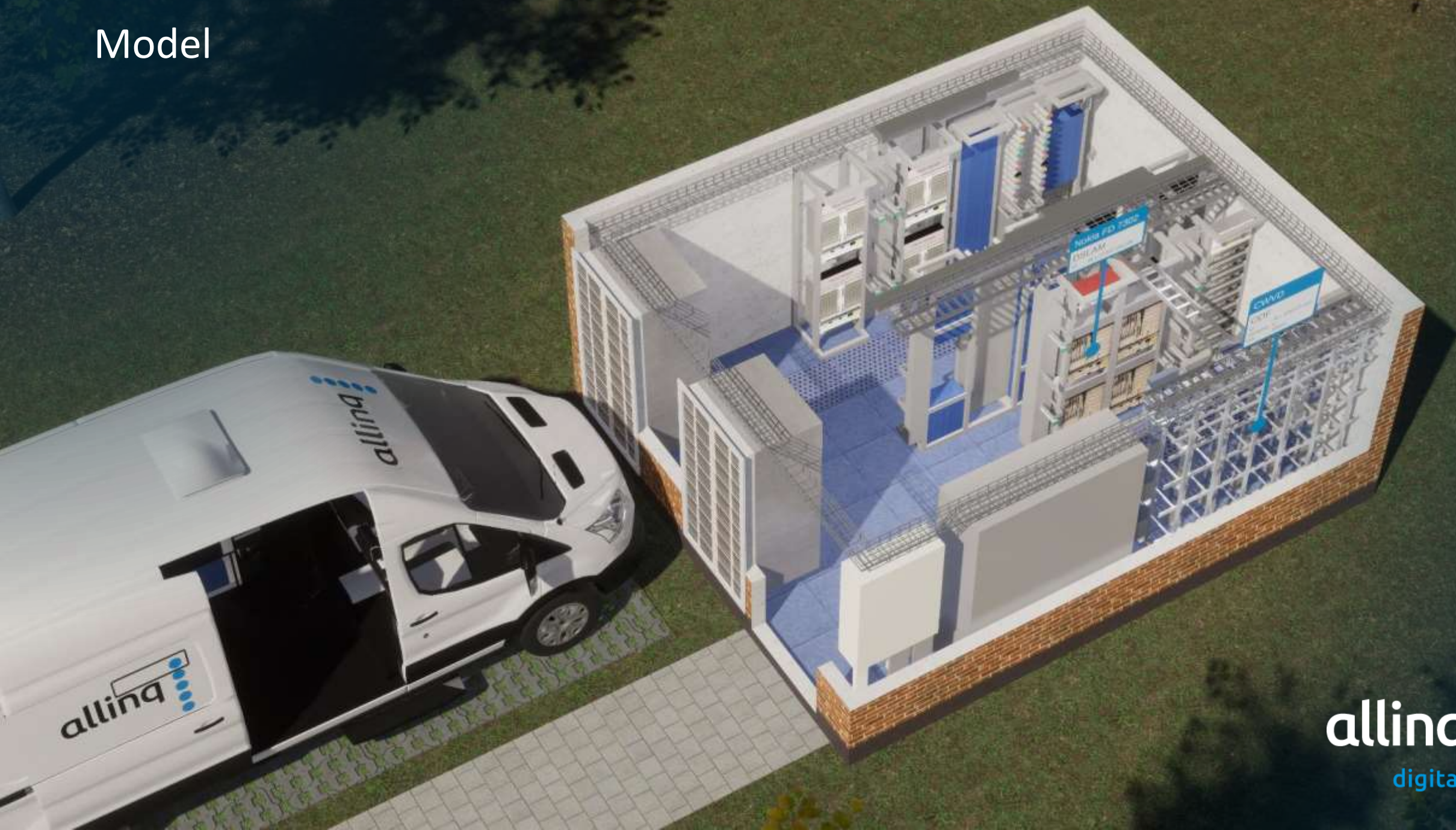


Be digital

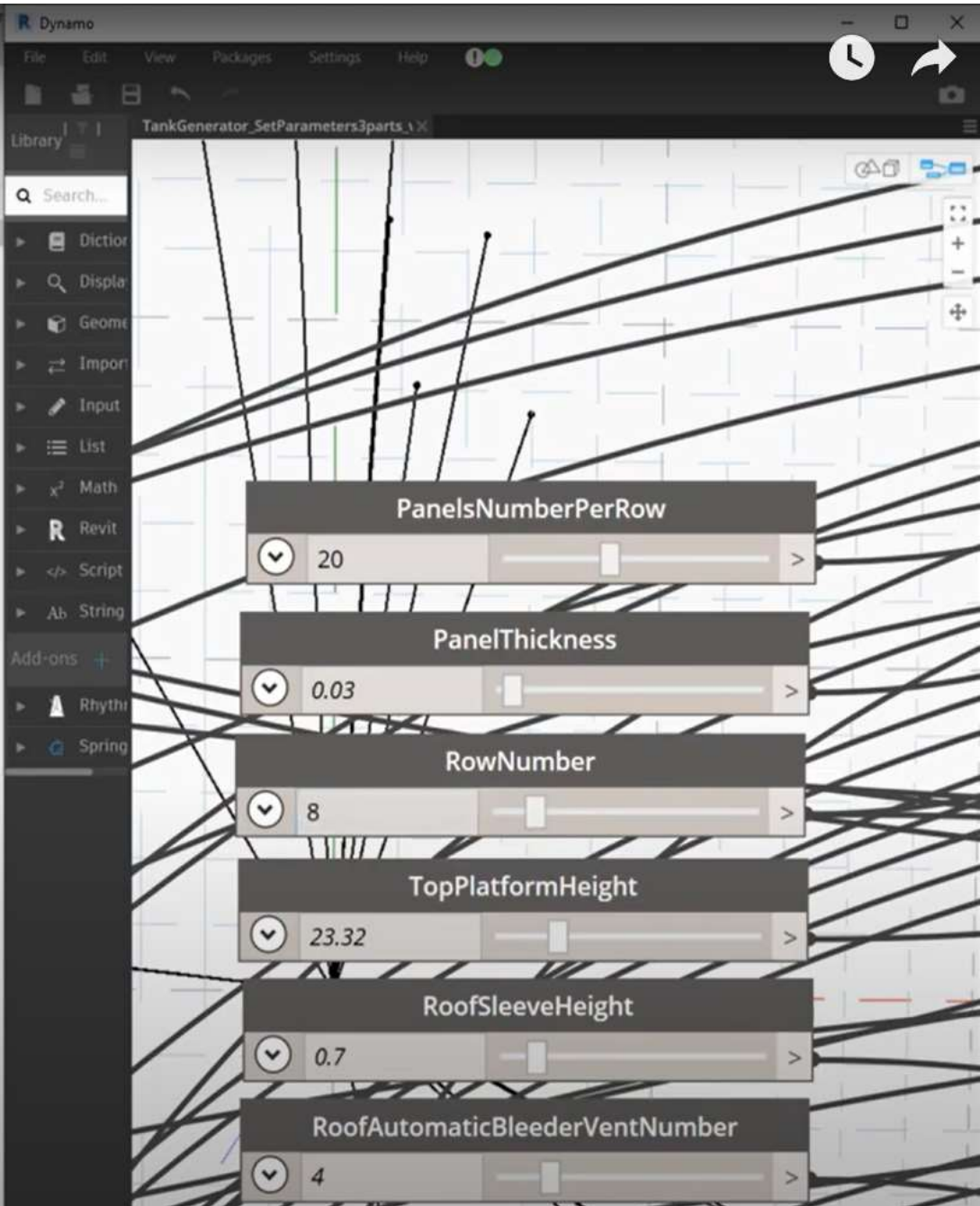
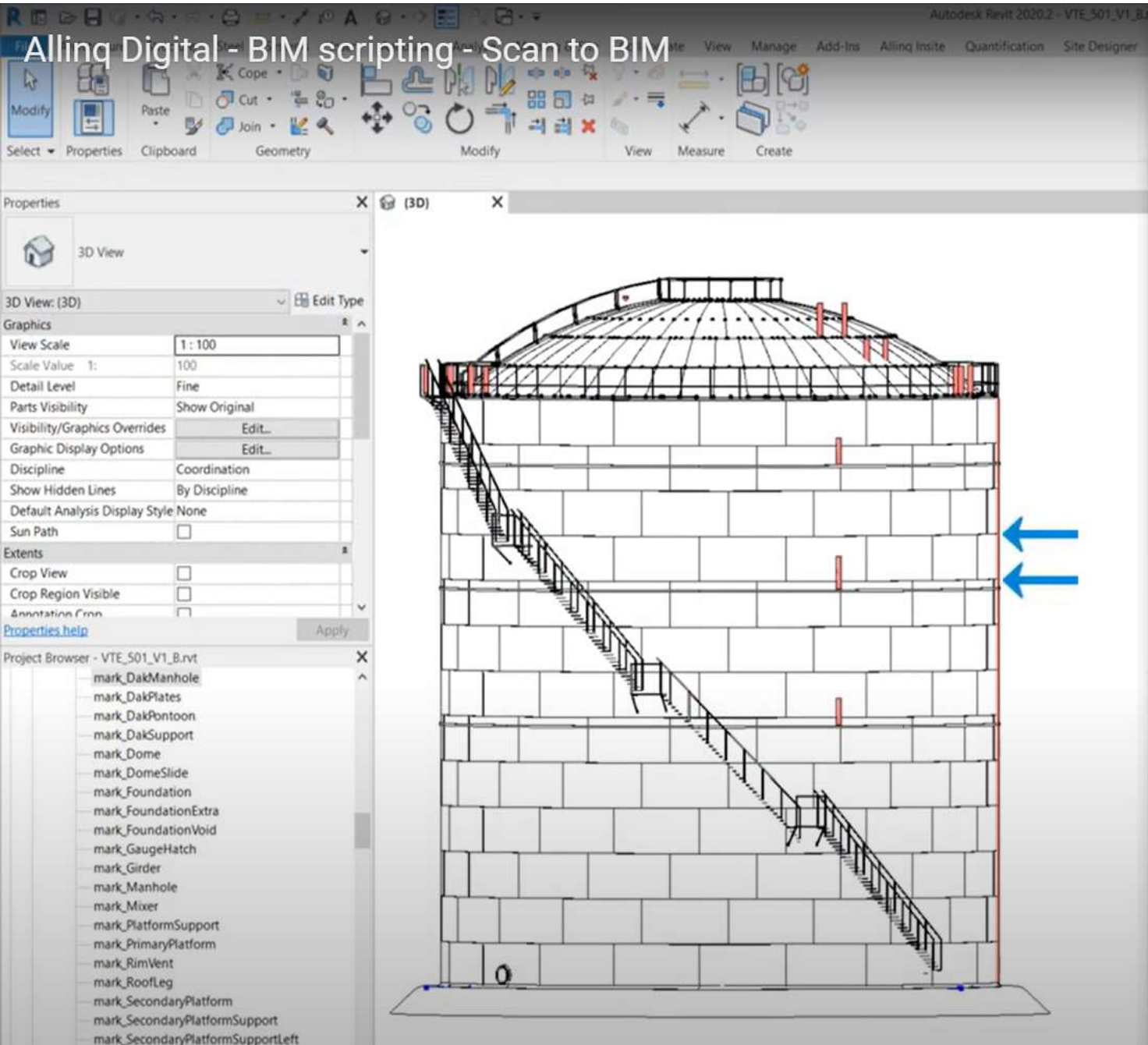
Scan



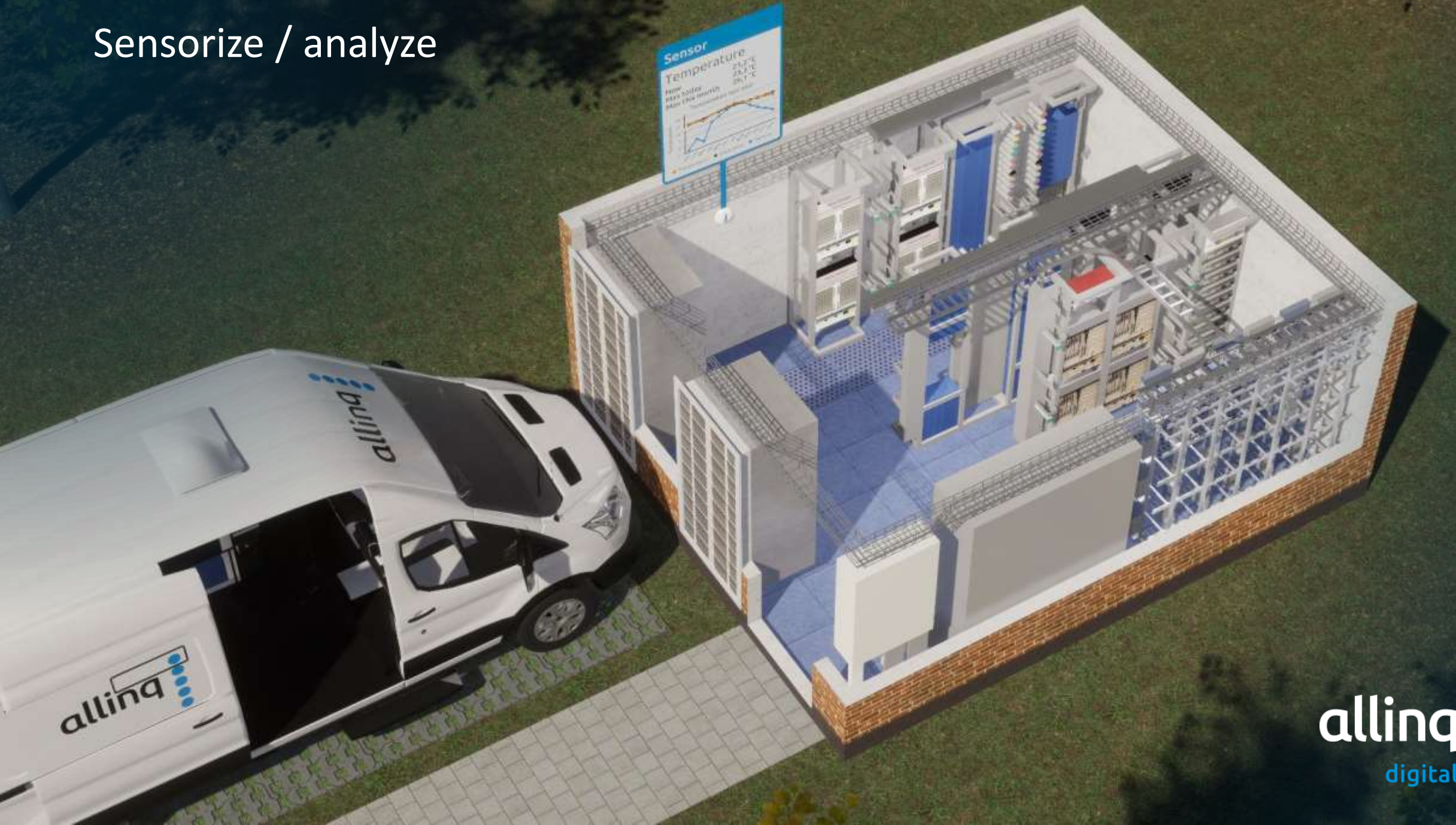
Model



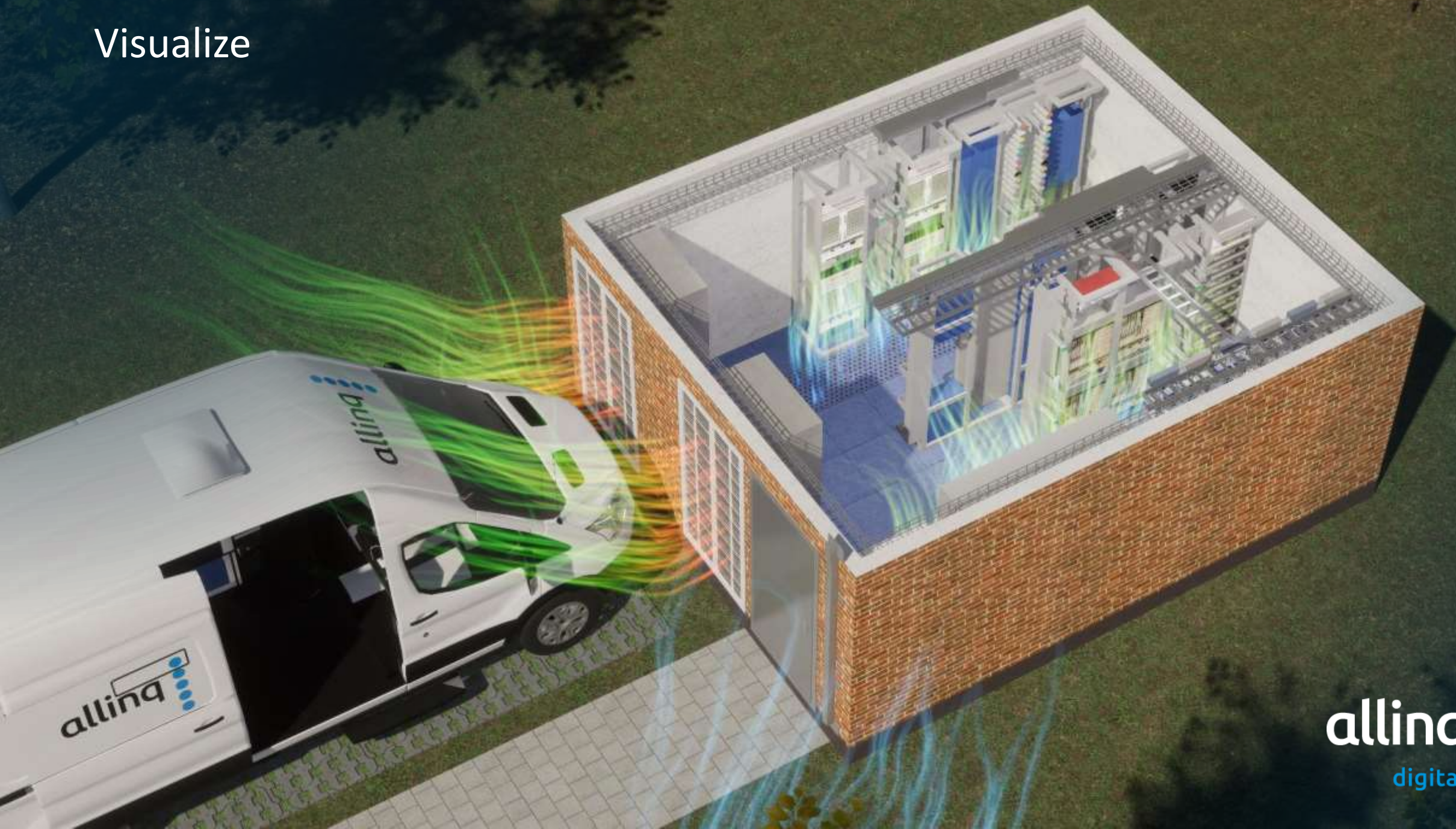
Alling Digital - BIM scripting - Scan to BIM



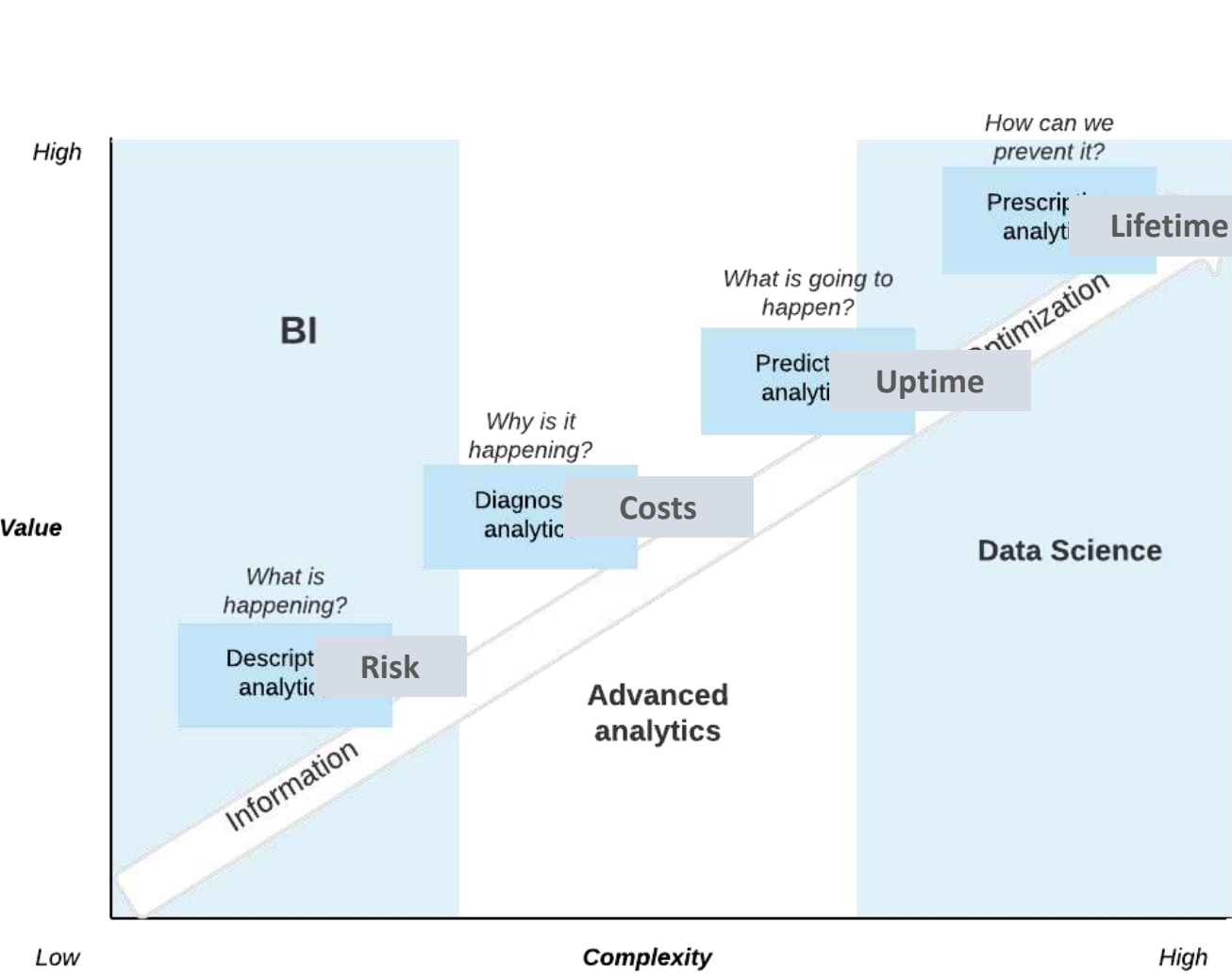
Sensorize / analyze



Visualize



Value drivers



Source: Gartner Analytics Ascendancy



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Source: PWC PDM 4.0

Our 3 tips

- Create your digital inventory today with scan-to-BIM
- Combine all data: from descriptive, to ticket, to sensor data
- Build upon your data knowledge: knowing what you have to eventually improve the lifetime of your assets