

A blurred photograph of an office interior. Several people are in motion, creating horizontal streaks. The office has a modern design with a grid ceiling, recessed lighting, and vertical blinds in the background. The floor is covered with a patterned carpet.

SmartViz | Digital Twin

Rethinking People, Place and Planet

Presentation to the Digital Twin Hub community

Buildings are Inefficient



60% Empty desks in office.
(NASDAQ/ONS 2022)

3.5x Higher energy use.
(CIBSE 2016)

61% Productivity missed.
(UK GBC)

3 bn+
IoT devices



Sensors to rapidly smarten up buildings



East 'peel and stick' installation!



Battery powered, no cables needed.



No interference with BMS or IT network.

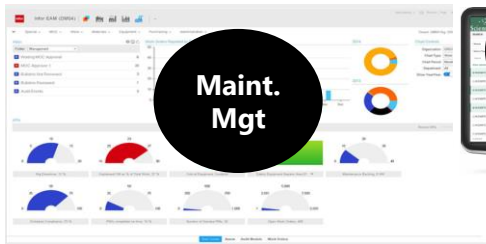
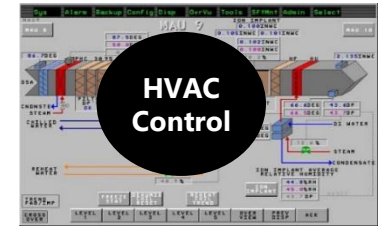
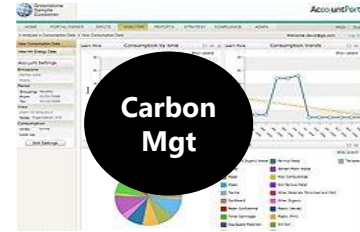
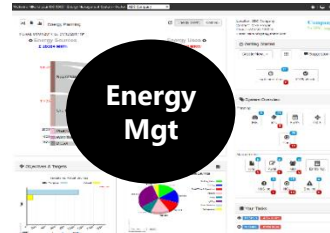
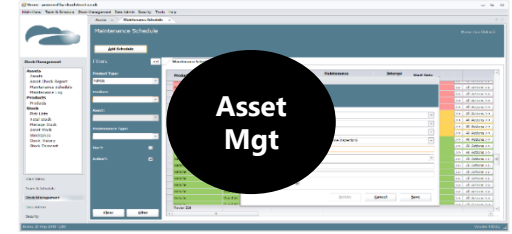
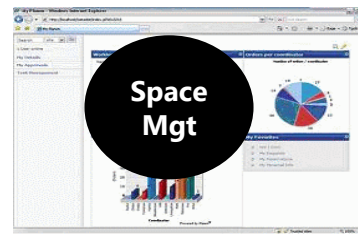


Anonymous. No photos, no phone tracking!



Continuous, streaming data, not ad-hoc counts.

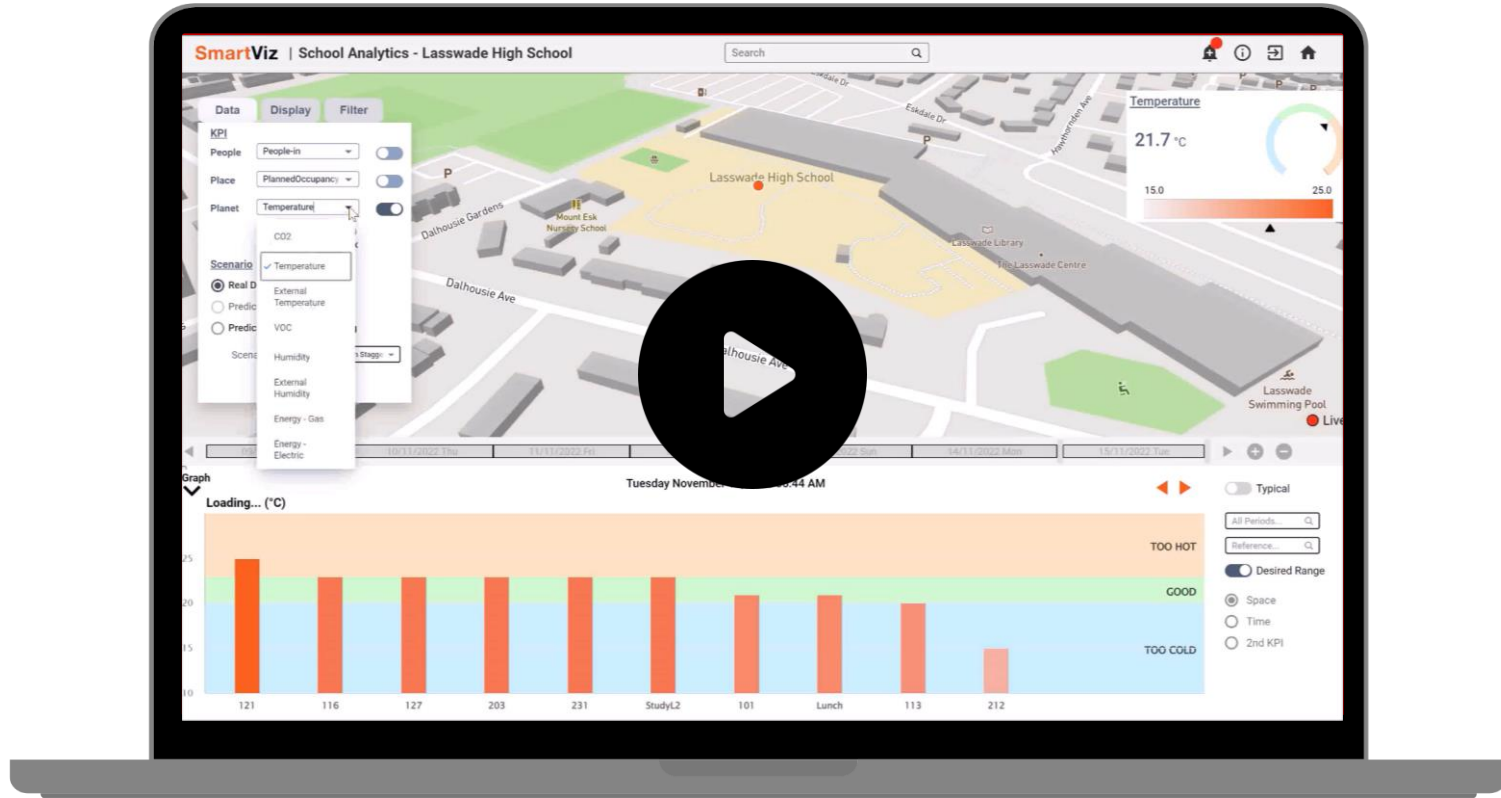
The Challenge



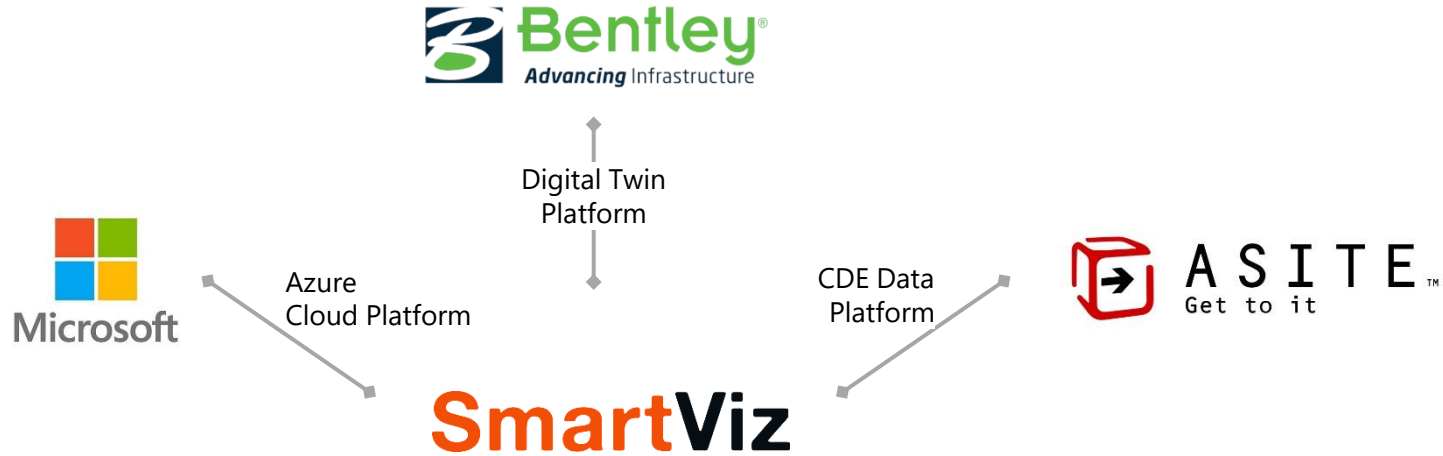
Tons of
Data

Too little
Insights

A Cognitive Digital Twin



A Digital Twin App Powered by Strong Partnerships

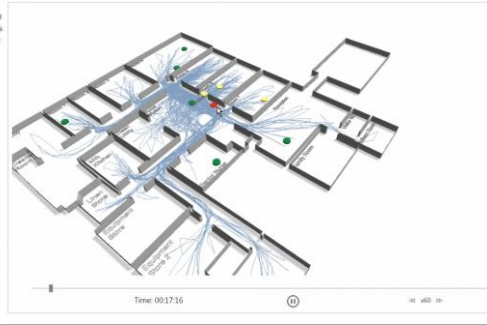


So what...

Vodafone
\$40m annual savings



Royal United Hospital
20% more eff. & patient contact



UK Universities
Reopening for 200k students



31 schools

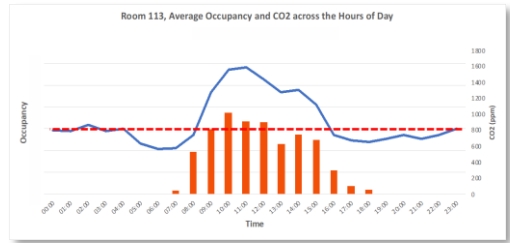
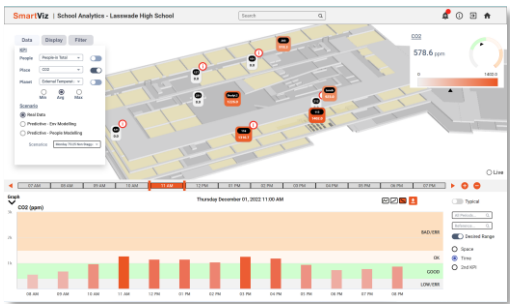
500+ spaces

10m+ datapoints

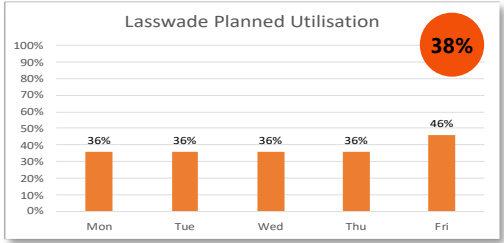
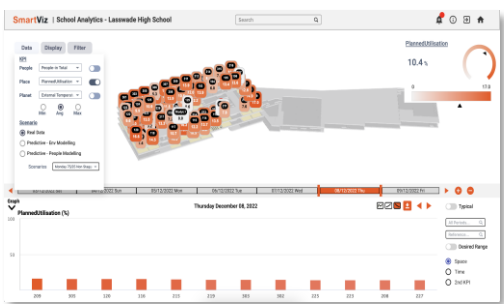


Insights to drive 10x+ ROI in buildings

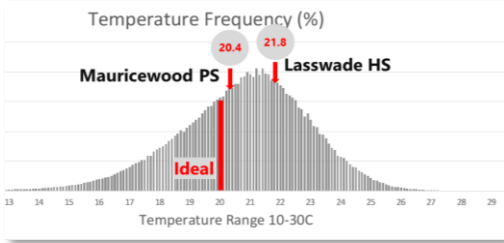
People (CO₂)



Place (Utilisation)



Planet (Energy)



Join us in our quest to supercharge people, place and planet

SmartViz

Bentley

For further information



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