



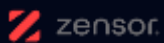
Smart Buildings in Use

Maarten Durie
maarten.durie@zensor.be
+32 485 032 616

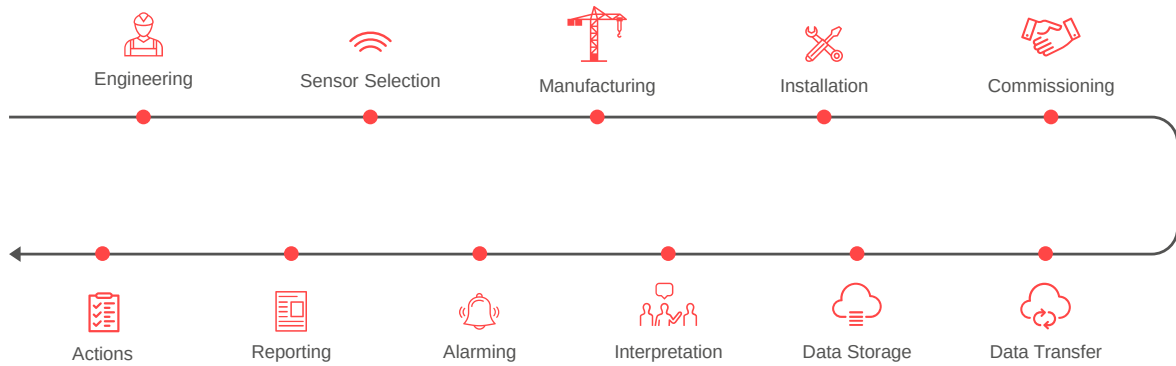


Why?

- / Make life of man-made structures and installations:
 - / Safer
 - / Longer
 - / More (cost) efficient



Digital solutions for asset managers



3





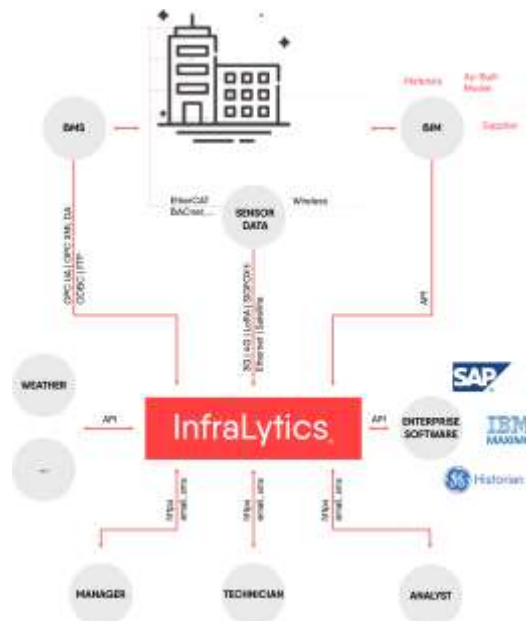
InfraLytics®

Multi-parameter,
sensor-based monitoring solutions

Data Acquisition

Data Management
&
Analysis

Visualization
&
Alarming





Sensor Technology - Trends

- / Integration in existing products / systems:
from concrete to furniture
- / The API economy
- / Small – smaller - dust
- / Devils triangle: cost, quality, installation/integration efforts



[Gmail](#) [Alber](#)

Google

[Google zoeken](#)[Ik doe een gok](#)Google aangeboden in: [Français](#) [Deutsch](#) [English](#) zensor.

Miniaturization

 zensor.



Low Power Devices

- / Battery life up to 10 years
- / Low bandwidth
- / Tiny footprint
- / Lora, Sigfox, NB-IOT communication



 zensor.

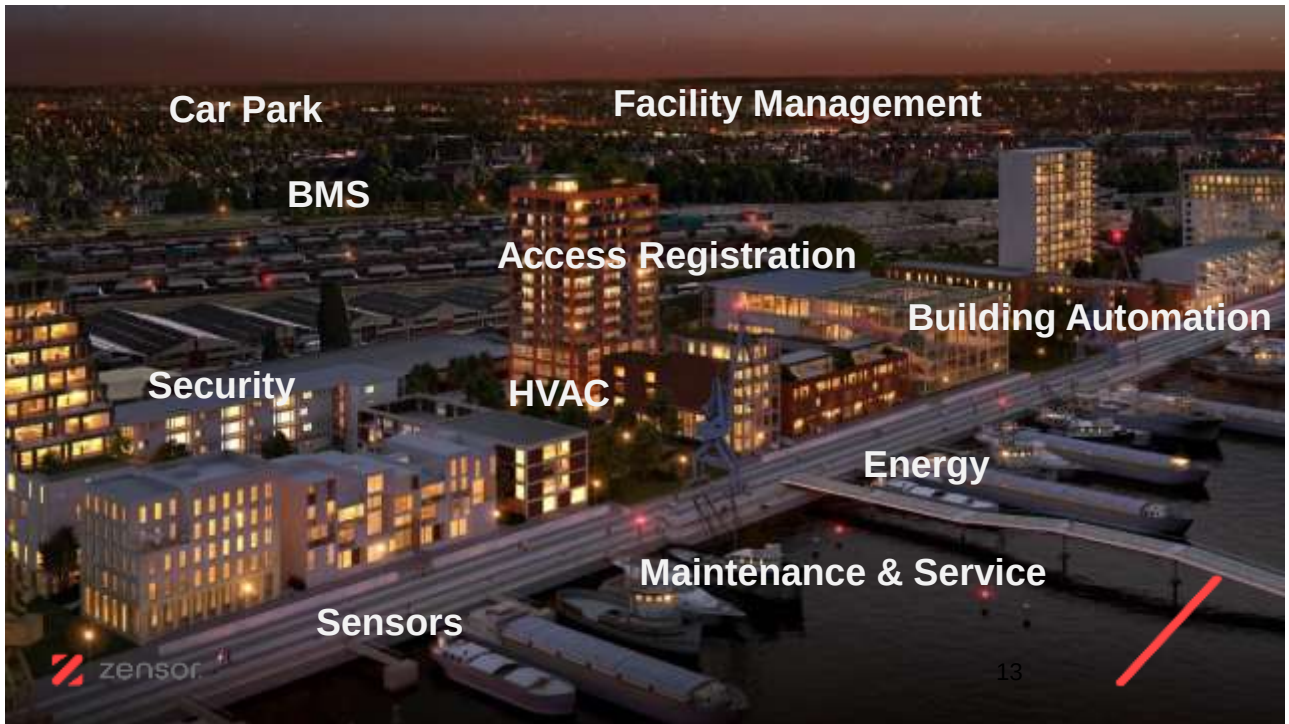


Structural Sensors & Circular Economy

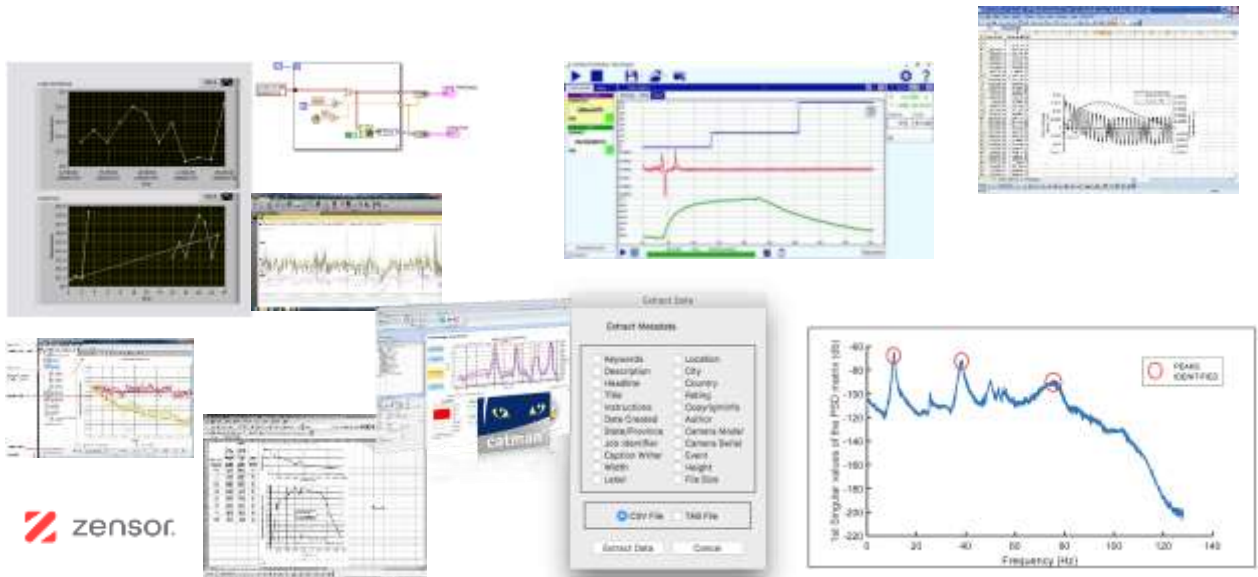
- / Remaining lifetime on foundations, columns, floor elements,...
- / Structural data as a "CarPass" for renovations/new purposes of office/residential buildings

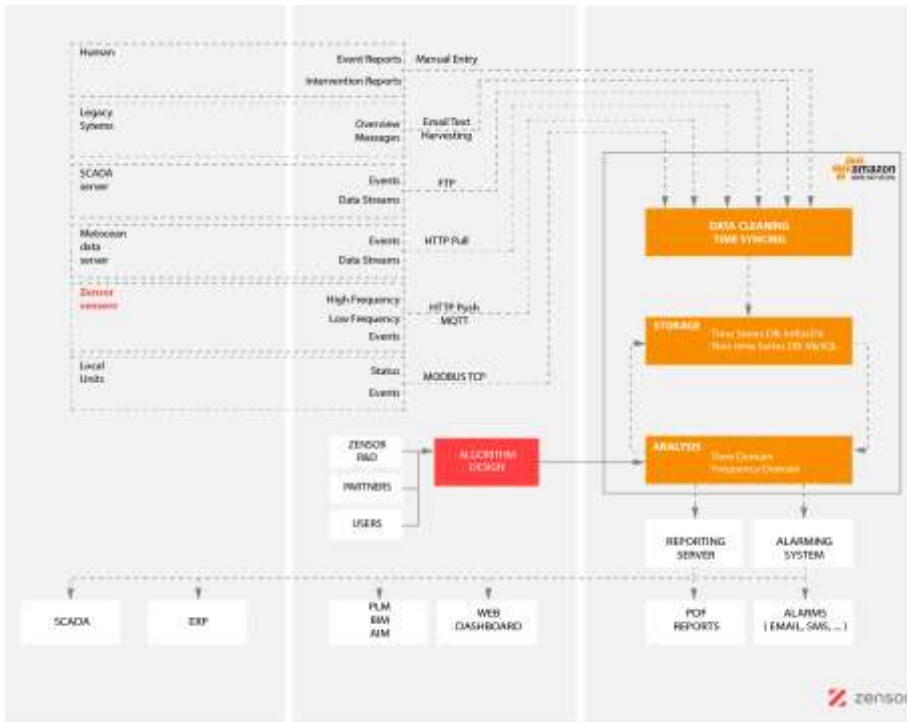


 zensor.



Data retrieval, .csv , Excel and manual analysis rules... : DIY





Data Management:

prepare for tomorrow's possibilities on applications, operation improvements, personal services, business models, ...





Thanks! Questions?

Maarten Durie
maarten.durie@zensor.be
+32 485 032 616

