

Reflect^{IoD}

BIM for Operators

Tag: Lum651
Cons: 680 kWh

Room: 34-08
Temp: 21,5 °C

KP: 3,7 km
MTBF: 35 m



Reflect^{IoD}

BIM for Operators

At a time when asset information is key for safety, compliance and operational efficiency, Operators and Facility Managers have a great opportunity to leverage data-centric collaboration across the extended enterprise both internally and externally.

Reflect^{IoD} is the only platform integrating natively 1D, 2D, 3D, Geographical Information and IoT systems, therefore managing the asset's Internet of Dimensions (IoD) along its lifecycle.



Reflect^{IoD} is ready to go within a week for fast track, agile and progressive implementation of a growing scope of data and use cases.

Source Systems



CAD



EDMS



GIS



EAM



PLM



Business Data



Laser Scan



IoT

Data Formats



Excel

1D



2D



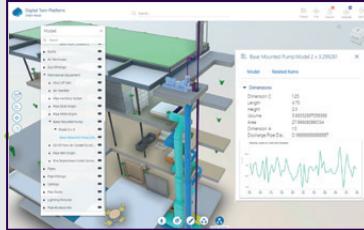
Media



3D &
Cloud point

Data Exposition

- Access to extended enterprise
- Profile-based data segregation
- Fulltext & Semantic search



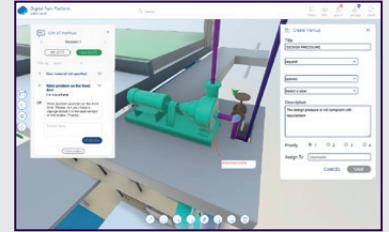
MULTIFORMAT CONNECTORS

SINGLE SOURCE OF TRUTH

FLEXIBLE DATA MODEL

Data Quality & Validation

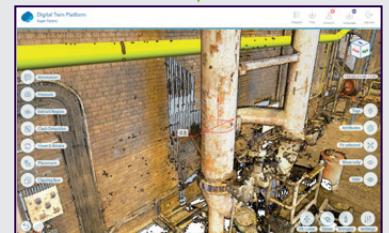
- Data quality indicators
- Data consistency reports
- Data validation workflows



External business services

- Design Review
- Progressive hand-over
- Commissioning
- Remote Assistance

ADDED VALUE SERVICES



Internal business services

- Virtual training enabler
- Hybrid 3D Asset Revamping
- Support to diagnosis, inspection, field operations
- IoT alerting
- Remote Assistance

Reflect^{IoD}



Compliant to standards

- Data format agnostic
- BIM IFC compliant
- Supports ISO 55 000 certification and Asset Register



Configurable

- Flexible data model by industry
- Configurable hierarchies and views according to user discipline



Easy to use

- State of the art ergonomics
- Web & mobile federation portal
- REST APIs to access federated database



Standard Connectors

- GIS, EDMS, EAM systems
- Capgemini Andy3D applications
- Capgemini X-IoT platform



Cloud enabled

- Securely available on AWS, Azure

Reflect^{IoD}

A Capgemini BIM platform to be tailored to your needs and integrated in your end to end use cases



- Multi-source and format agnostic data federation



- BIM IFC compliant, support to ISO 55 000



- Powered by Capgemini, with no third party license, leveraging cloud native scalable architecture



- State of the art ergonomics



- On demand platform customization, integration and support



- Ready to go for fast-track & progressive implementation project, on growing scope of data and use cases



- One off pricing or pay-per-use

Reflect^{IoD}, the BIM platform that activates your Digital Twins

A global leader in consulting, technology services and digital transformation, Capgemini is at the forefront of innovation to address the entire breadth of clients' opportunities in the evolving world of cloud, digital and platforms. Building on its strong 50-year heritage and deep industry-specific expertise, Capgemini enables organizations to realize their business ambitions through an array of services from strategy to operations. Capgemini is driven by the conviction that the business value of technology comes from and through people. It is a multicultural company of 200,000 team members in over 40 countries. The Group reported 2017 global revenues of EUR 12.8 billion.

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People matter, results count.

