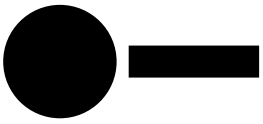

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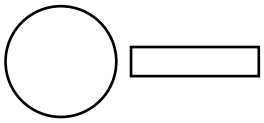
profile



KProcess

The Key to innovate your Process

Davide Cappochin

DIRECTOR

Davide Cappochin graduated with honors from the IUAV University of Venice. Following his studies, he worked as an architect at the Giuseppe Cappochin Atelier, where he was able to tackle projects of various architectural and urban scale and then moved to Genoa to work as an architect at the Renzo Piano Building Workshop, where he worked in multiple projects in all the design phases from Concept Design to Construction Design, including the commercial T5 project, in the context of the project to regenerate the Falck areas in Sesto San Giovanni, the Packard Humanities Center Archeological Museum in Herculaneum, and the Academy Museum of Motion Pictures, Oscar Award Headquarter; following his experience in RPBW he moved to Milan to work as an architect at Tectoo Architects (founded by the architect Susanna Scarabicchi who was a Partner for over 25 years at RPBW), where he integrated his experience in projects with different functions, such as the Milanosesto Masterplan UCP1A-1E district, the Concordia School and the Laminatoio School, a New Museum and Educational Center in Herculaneum, and the Al Baleed Gardens complex in Salalah in Oman.

In 2017 he became part of the "Giuseppe Cappochin Atelier", from 2018 as director.

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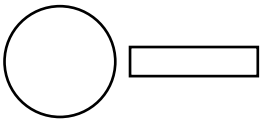
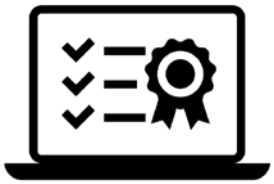


VALUES

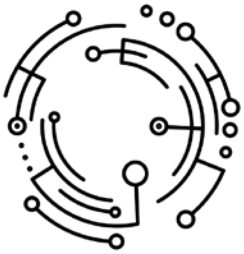
Quality

Quality is the central point of our approach: we worked in order to create solid partnership with customers and drive them through solutions which adopts the most innovative solutions.



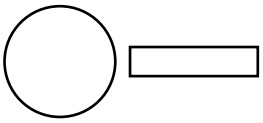
Technologies

We drive and support all the activities related to BIM transformation across all the project phases: Desing Pre Construction, Construction and Operate/Maitenance



Communication

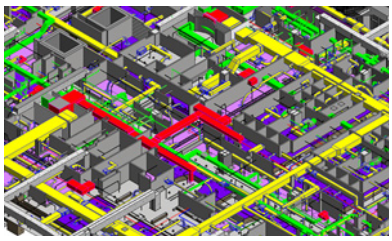
We are always looking for the best way to provide the right message to the customer: this is important to define metrics that helps customer to measure the benefit of Key Porocess

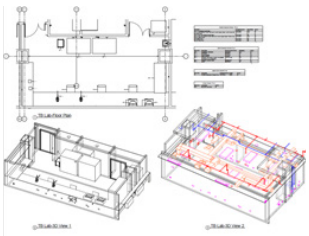


SERVICES

Model Authoring

A process in which 3D software is used to develop a Building Information Model based on criteria that is important to the translation of the building's design.



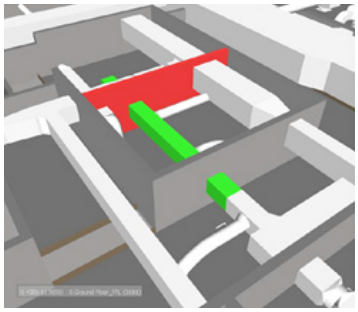


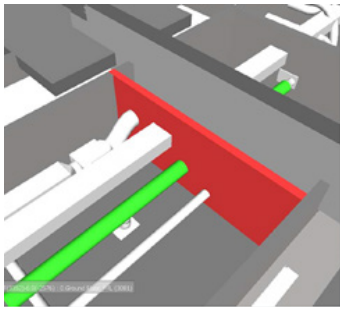
potential value

- Better control and quality control of design, cost and schedule
- True collaboration between project stakeholders and BIM users
- Improved quality control and assurance

Model Coordination

A process in which 3D coordination software is used to determine identify 3D geometric conflicts by comparing 3D models of building systems.



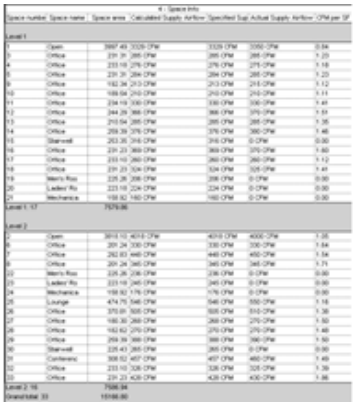


potential value

- Coordinate building project through a model
- Reduced construction cost; potentially less cost growth (i.e. less change orders)
- More accurate as built drawings

Quantity Take Off

A process in which 3D Model can be used to assist in the generation of accurate quantity take-offs and cost estimates throughout the lifecycle of a project.

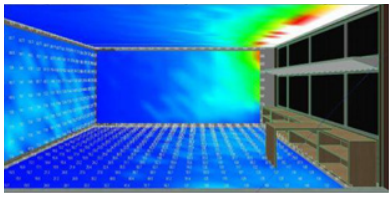


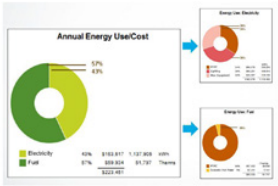
potential value

- Precisely quantify modeled materials
- Generate more cost estimates at a faster rate
- Saves estimator's time by reducing quantity take-off time

Building Performance Analysis

A process in the design phase which one or more building energy simulation programs use a properly adjusted BIM model to conduct energy assessments for the current building design.





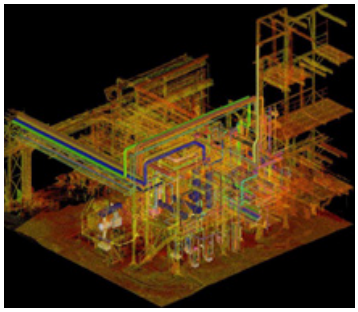
potential value

- Save time and costs by obtaining building and system information automatically from BIM model instead of inputting data manually

- Optimize building design for better building performance efficiency and reduce building life-cycle cost

Existing Condition Modelling

A process in which a project team develops a 3D model of the existing conditions for a site, facilities on a site, or a specific area within a facility. This model can be developed in multiple ways including laser scanning



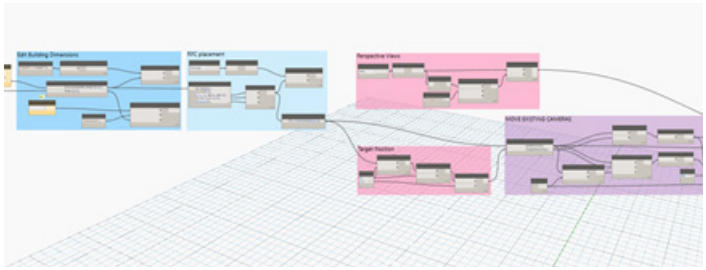
potential value

- Enhance the efficiency and accuracy of existing conditions documentation

- Provide an accurate representation of work that has been put into place

Design Automation and Parametric Design

Support to automate and standardize the design process to reduce modelling time for the repetitive task.



potential value

- Enhance the efficiency and accuracy

- Save time and costs

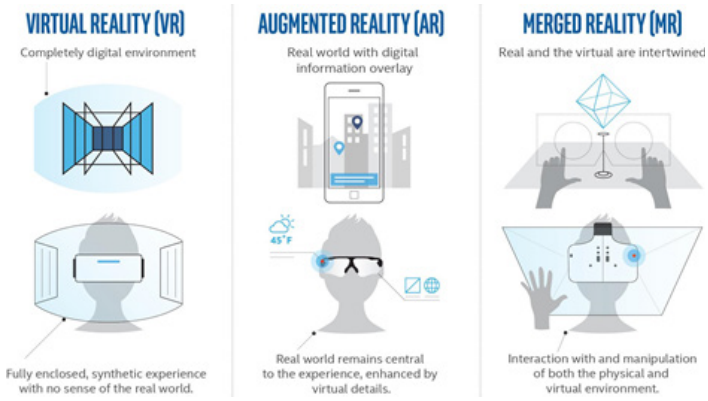
- Improved quality control and assurance

Augmented Reality and Virtual Reality

Support to innovate processes using new technology for pre construction and construction phases

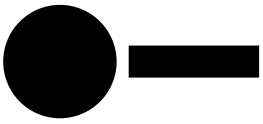
potential value

- Innovate and simplify process
- Save time and costs



Cloud Collaboration

Support to innovate processes (like IOT, Digital Twin) using cloud solutions for real-time collaboration across disciplines and all the project phases (Design, Pre Construction, Construction, Operate and Maintenance)



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