FULCRO
creating project certainty

DIGITAL PROJECT DELIVERY

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Director of Applied Technologies

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PEOPLE, PROCESS & TECHNOLOGY

‘WITHOUT THE CORRECT PEOPLE, PROCESSES AND TECHNOLOGY, PROJECTS TYPICALLY FAIL’

BEN HALDIN, FULCRO MD

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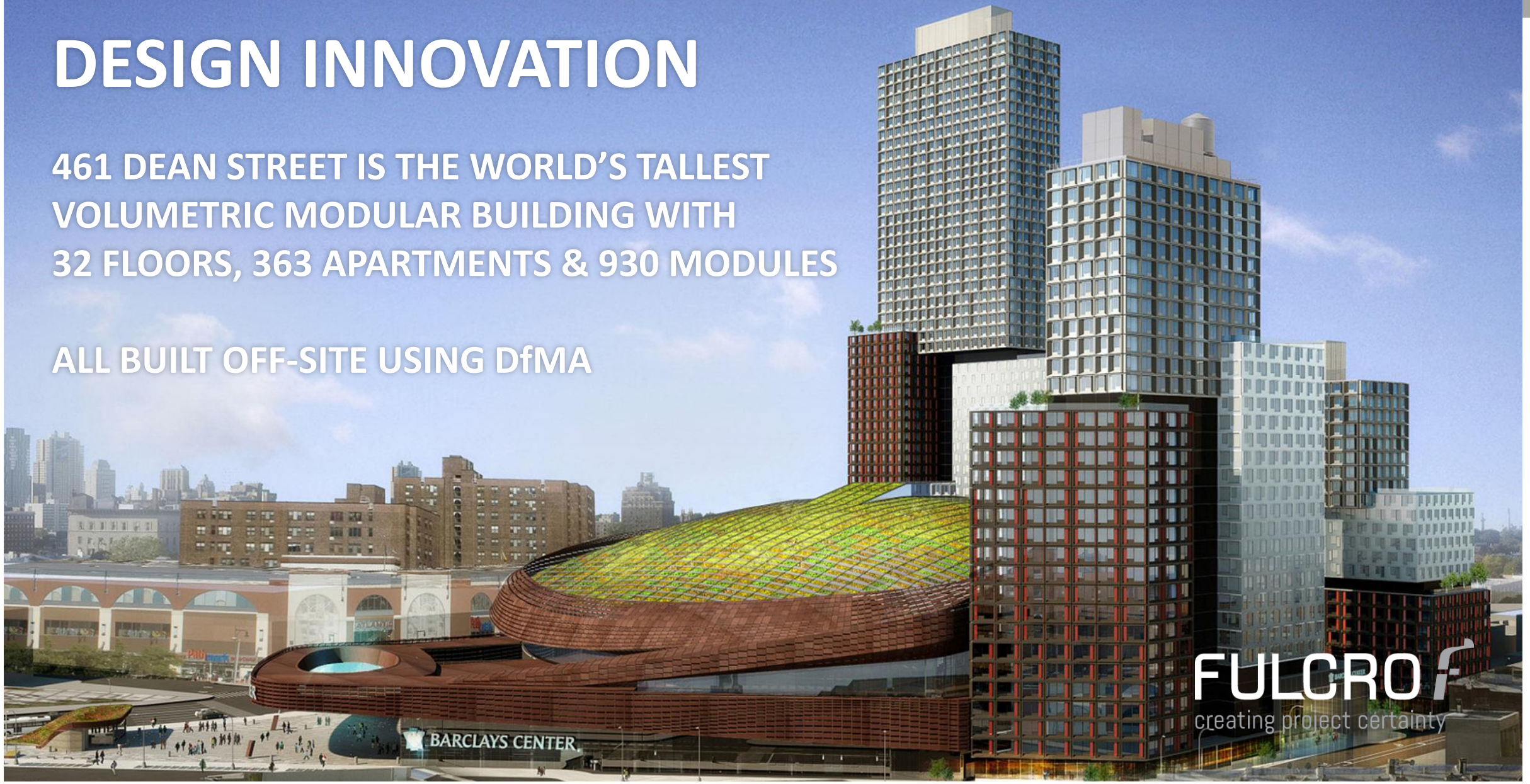
DESIGN INNOVATION

461 DEAN STREET IS THE WORLD'S TALLEST VOLUMETRIC MODULAR BUILDING WITH 32 FLOORS, 363 APARTMENTS & 930 MODULES

ALL BUILT OFF-SITE USING DfMA



DESIGN INNOVATION

JUST IN TIME MANUFACTURE EMPLOYED
EVERY MODULE CONFIRMED ACCURACY ±3MM
ALL WHITE GOODS INSTALLED

‘ZIPPED’ TOGETHER AFTER 20 MINUTE LIFT

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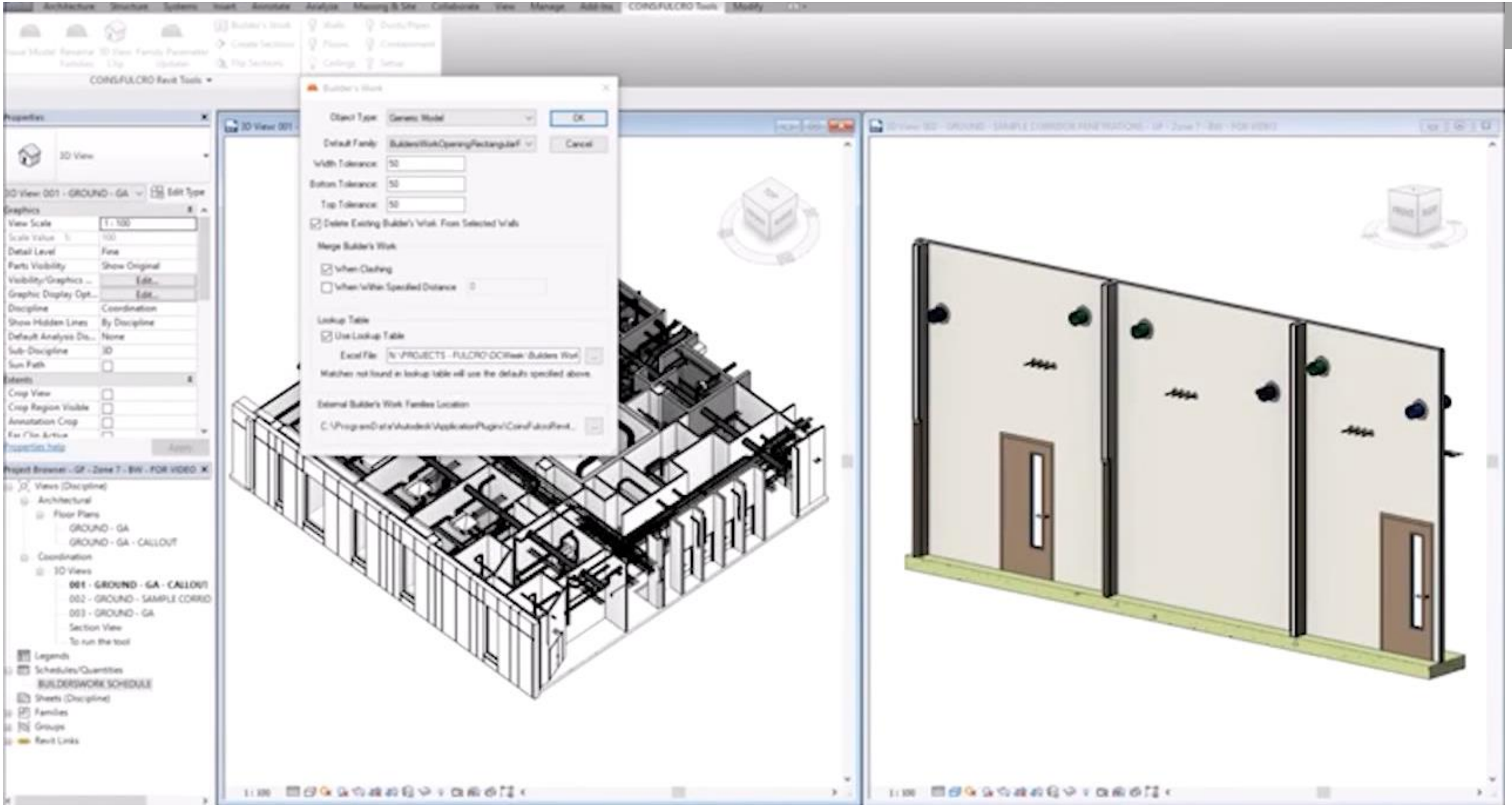
RISK MITIGATION

INTELEGENT SOFTWARE USED TO SCHEDULE BUILDERS WORK HOLES, DIMENSION AND GENEREARTE 2D SHEETS FOR CONSTRUCTION

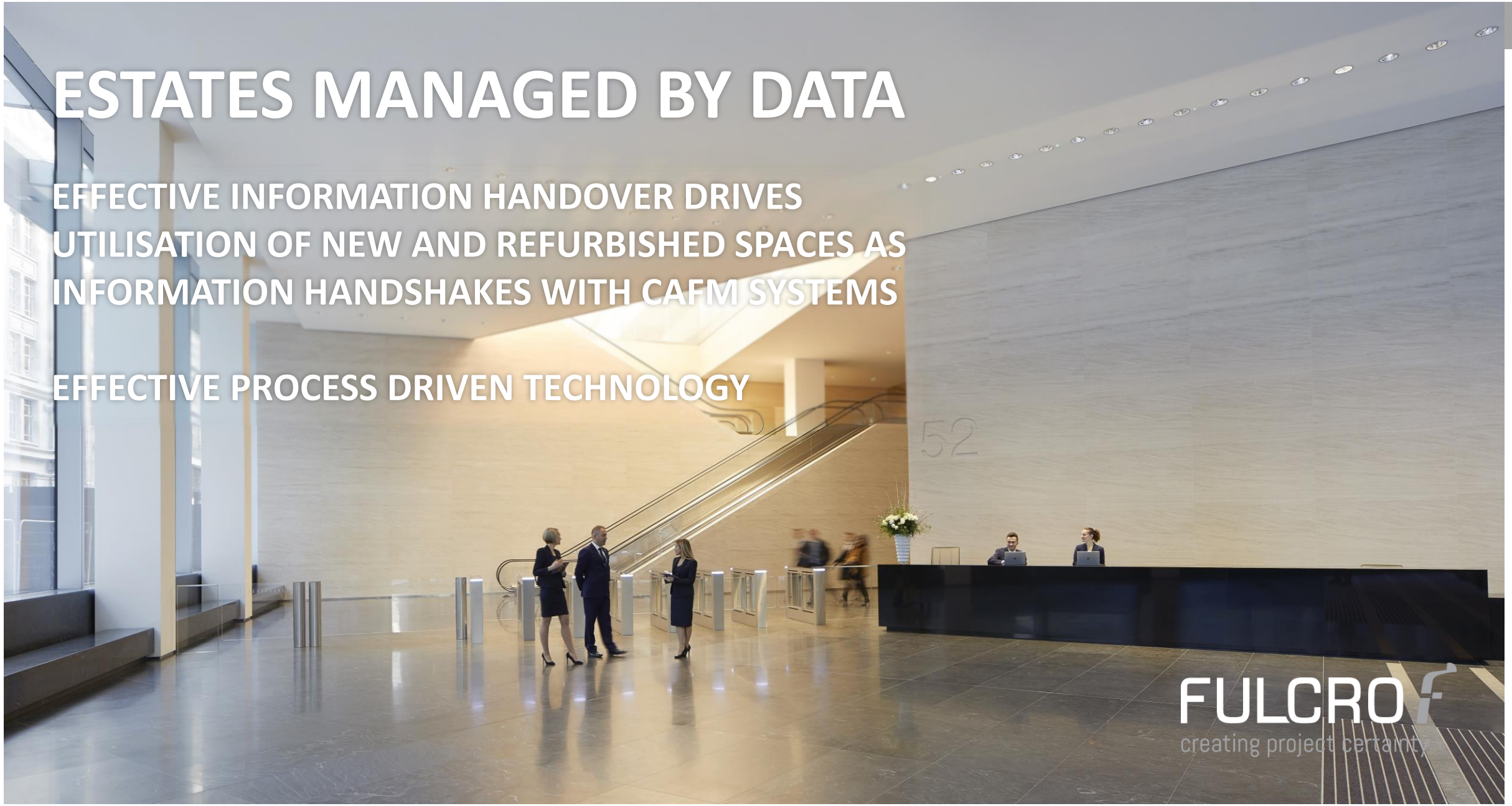
FULCRO BUILDERS WORK TOOLS


Builder's Work
Object Type
Generic Model
OK
Default Family
Cancel
Width Tolerance
Bottom Tolerance
Top Tolerance
Delete Existing Builder's Work From Selected Walls
Merge Builder's Work
When Clashing
When Within Specified Distance
Lookup Table
Use Lookup Table
Excel File
Matches not found in lookup table will use the defaults specified above
External Builder's Work Families Location
Properties
Project Browser - GF - Zone 7 - BW - FOR VIDEO
Views (Discipline)
Architectural
Floor Plans
GROUND - GA
GROUND - GA - CALLOUT
Coordination
3D Views
001 - GROUND - GA - CALLOUT
002 - GROUND - SAMPLE CORRID
003 - GROUND - GA
Section View
To run the tool
Legends
Schedules/Quantities
BUILDERSWORK SCHEDULE
Sheets (Discipline)
Families
Groups
Revit Links

ESTATES MANAGED BY DATA

EFFECTIVE INFORMATION HANDOVER DRIVES UTILISATION OF NEW AND REFURBISHED SPACES AS INFORMATION HANDSHAKES WITH CAFM SYSTEMS

EFFECTIVE PROCESS DRIVEN TECHNOLOGY



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EDUCATING FUTURE ENGINEERS

THE BLACK COUNTRY AND MARCHES INSTITUTE OF TECHNOLOGY

OPENED OCT 2021 – DELIVERED ONTIME AND UNDER BUDGET USING IPI FRAMEWORK
250 STUDENTS A YEAR STUDYING MECHANICAL AND MEDICAL ENGINEERING

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TECHNICAL DESIGN

K1 KNIGHTSBRIDGE

PRIME RESIDENTIAL AND COMMERCIAL RETROFIT

COORDINATION OF COMPLEX SERVICES ACROSS ALL DISCIPLINES

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