MOVE BEYOND

MULTI

a new era of urban mobility

URBANISM NEXT EUROPE 2021

MOVE BEYOND

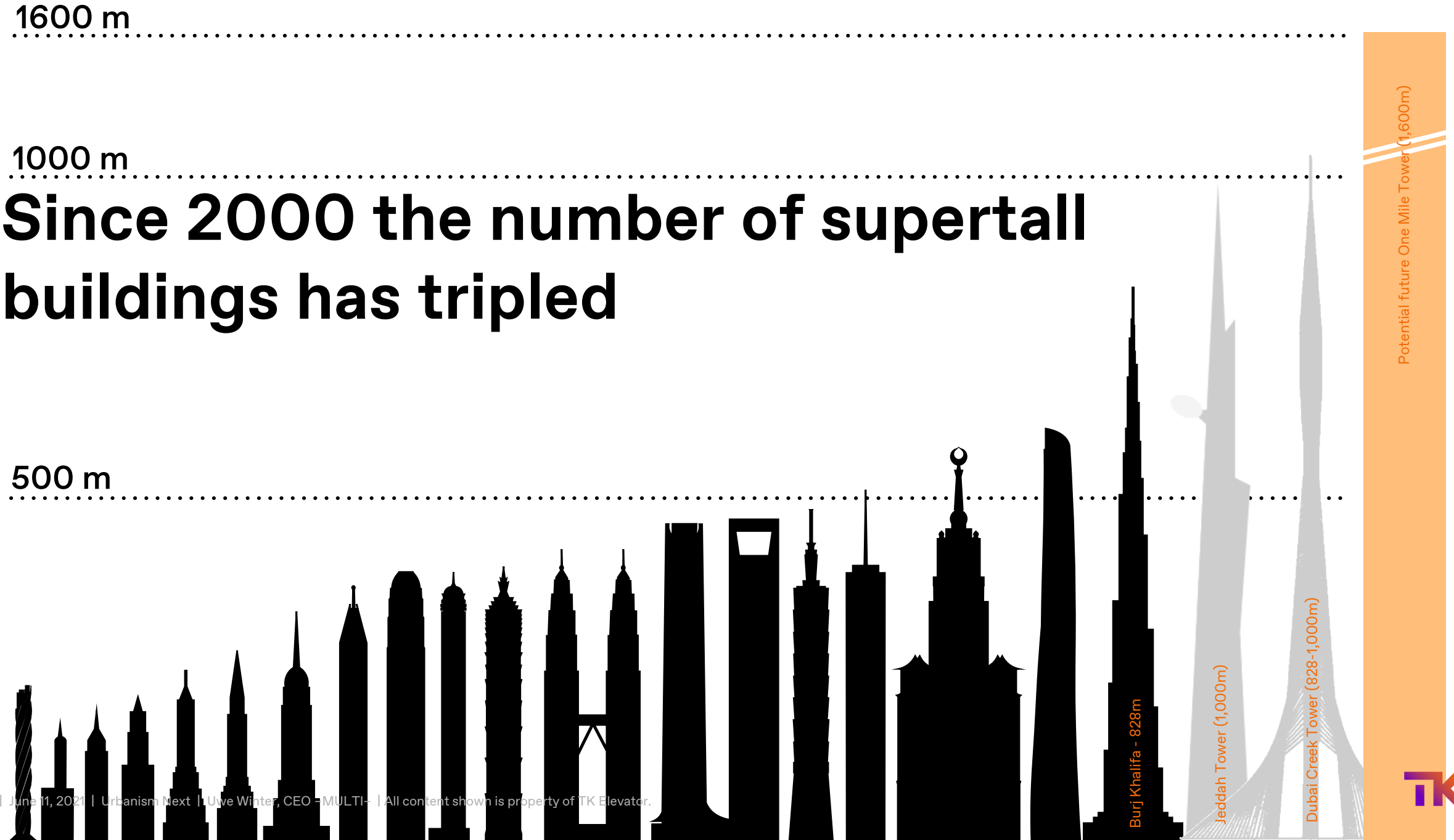
with TK Elevator

At TK Elevator, we

- provide innovative product solutions
- and offer a comprehensive product portfolio.

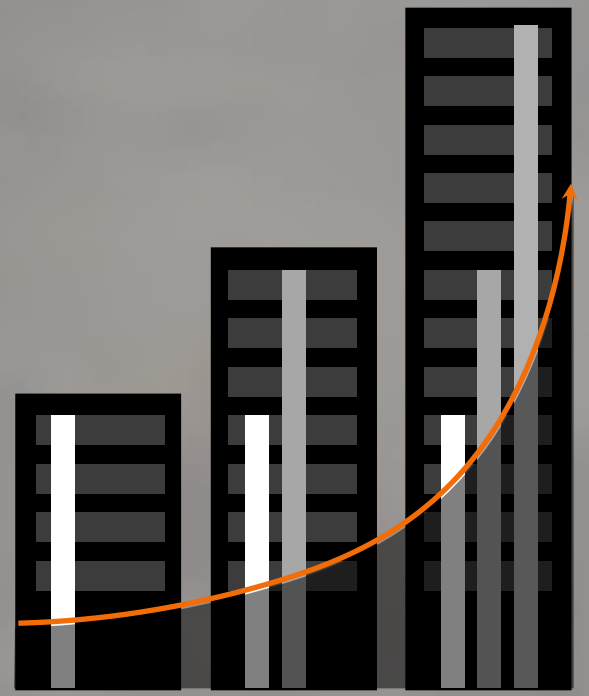
With 50.000 people we serve about 1,4bn units worldwide and achieved sales of around €8 billion (FY19/20).

Since 2000 the number of supertall buildings has tripled



40%

of space is blocked
by elevator shafts



OUR EXPERIENCE

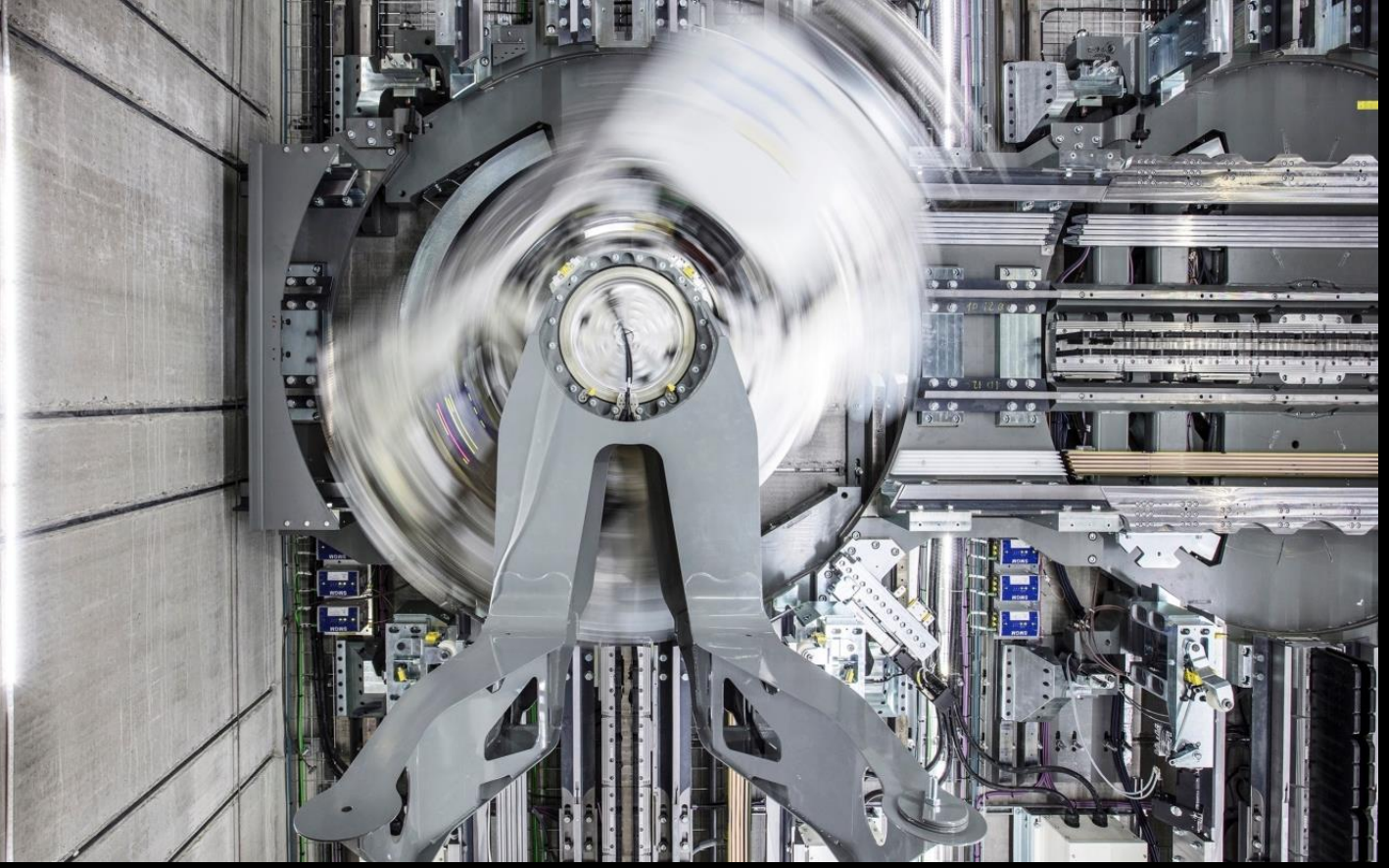
Engineering competence

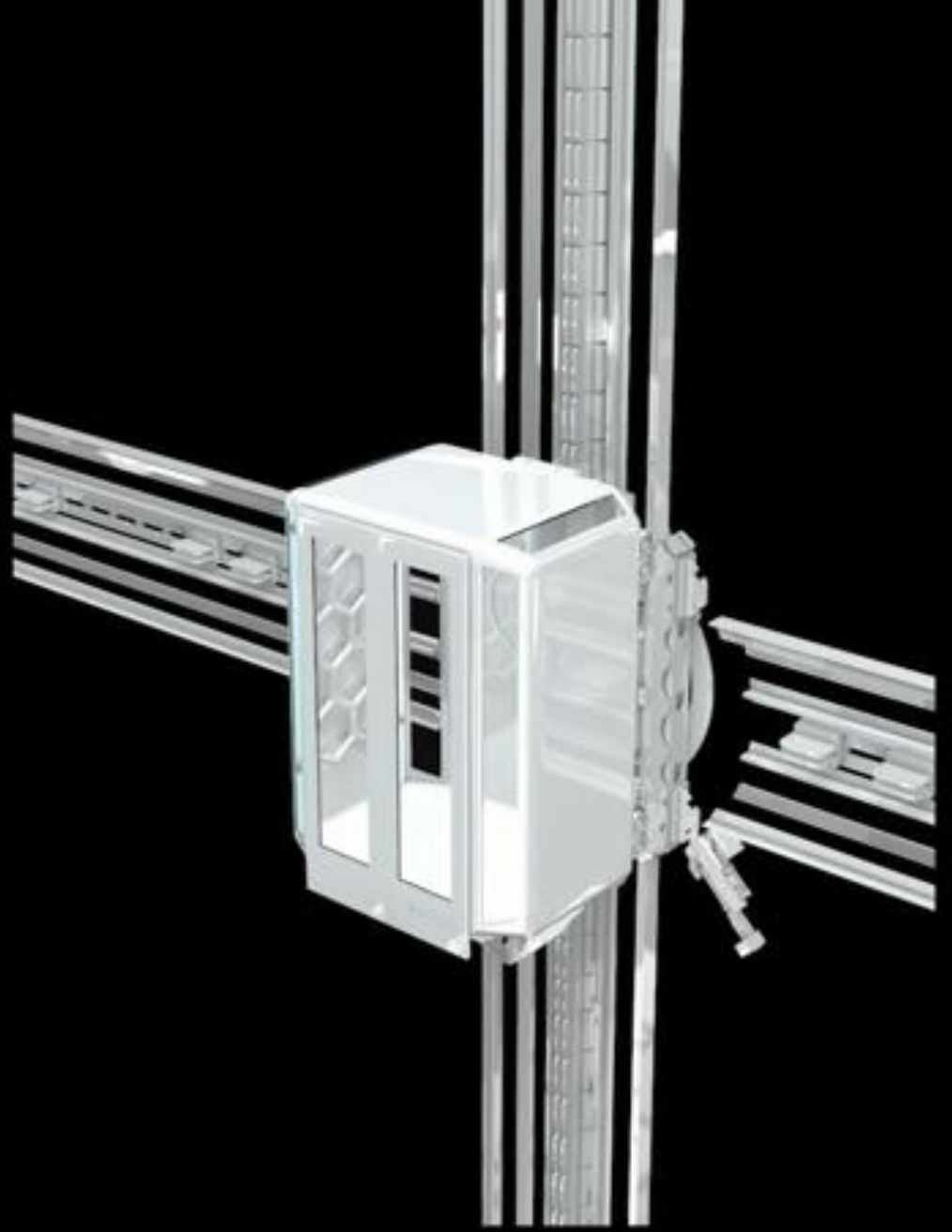
- Paternoster | the first idea
- TWIN | our innovation of 2 cabs in 1 shaft
- Linear motor technology | know-how

MULTI ENABLES A NEW ERA OF URBAN MOBILITY

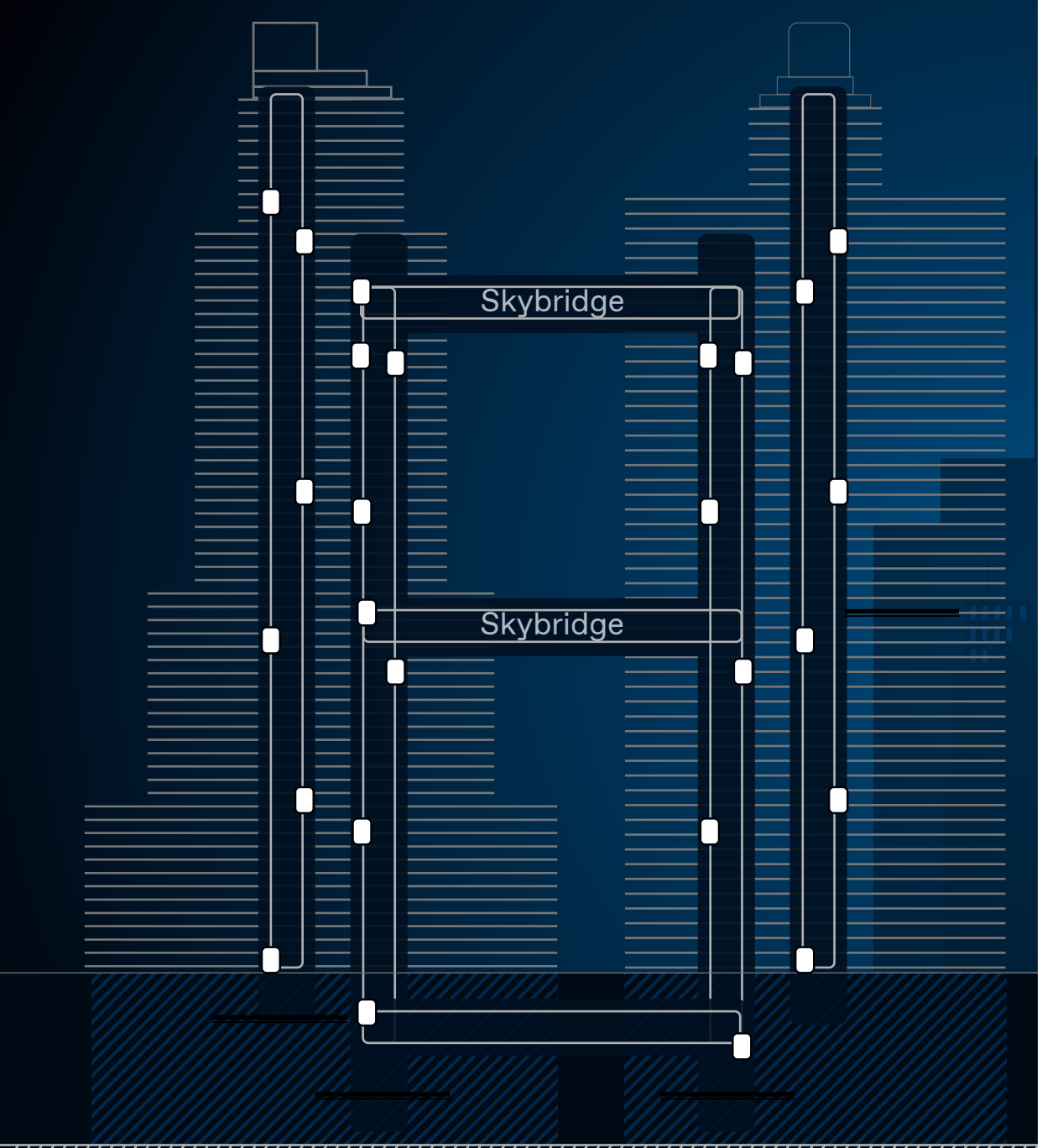
THE LINEAR DRIVE OVERCOMES THE LIMITATIONS IN HIGH RISE BUILDING OF TODAY


MULTI USES
MULTIPLE CARS
IN ONE SHAFT
MULTI



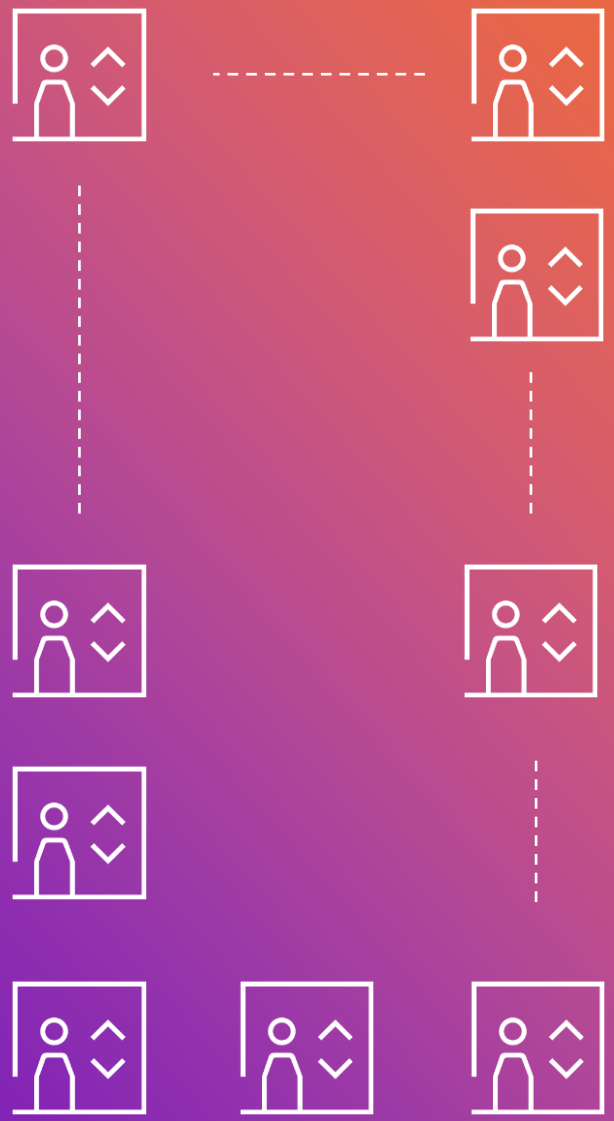


X-CHANGER ALLOWS HORIZONTAL RIDES



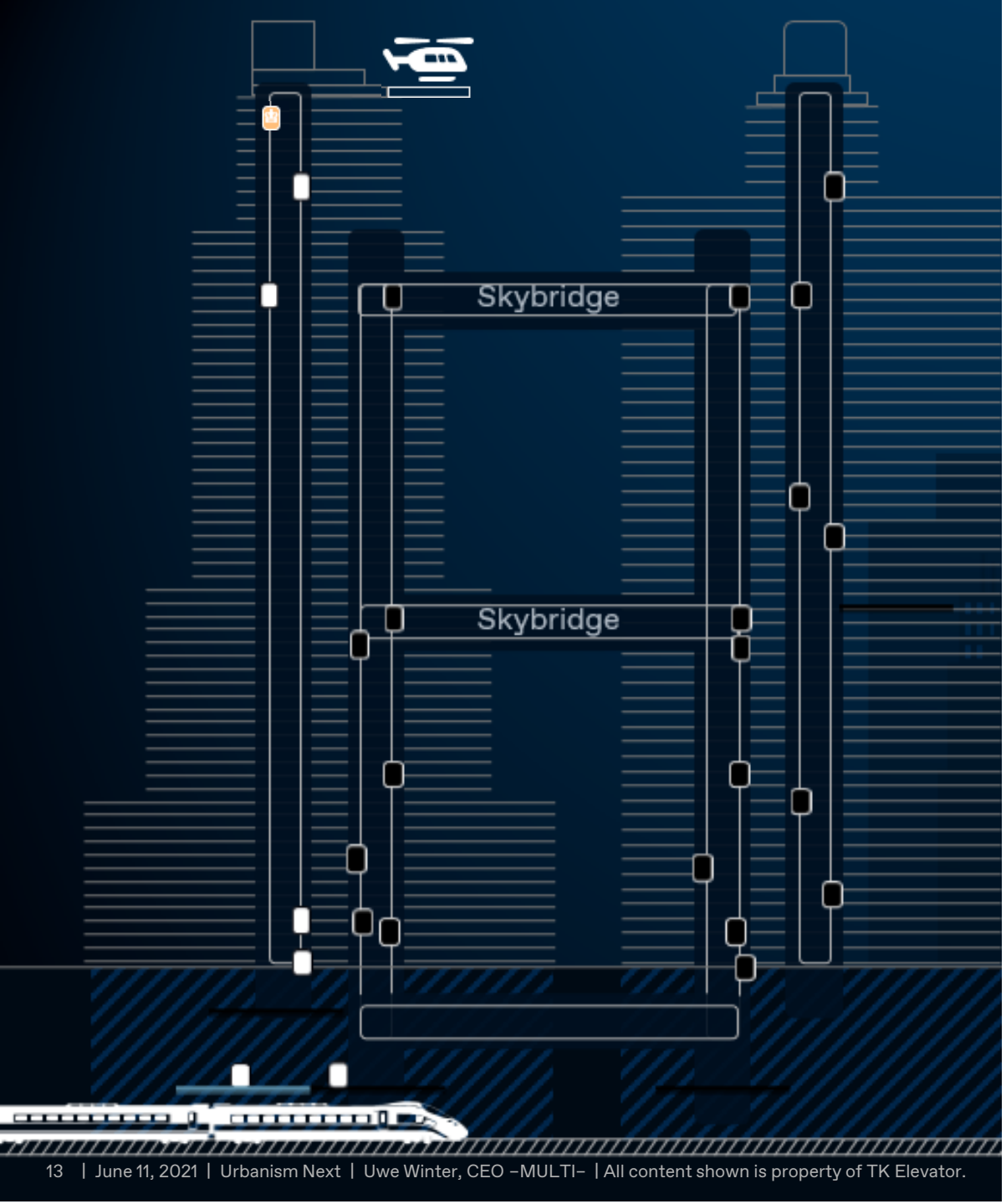
MULTI OPERATES IN A LOOP

and orchestrates the whole people flow



...ALLOWS SOCIAL DISTANCING

thanks to multiple cars



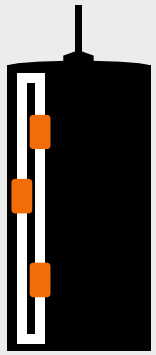
....CONNECTS BUILDINGS

with public transport,
from underground to air taxis

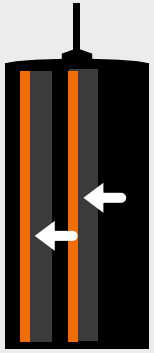
LAST MILE CONNECTIVITY

- MULTI could be the backbone of a smart building
- Smart connection with delivery robots thinkable

RIGHTSIZING OF BUILDING THANKS TO MULTI

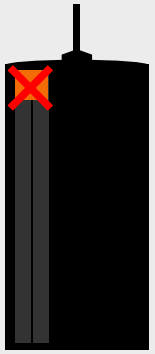


Multiple cars per shaft



Smaller shafts

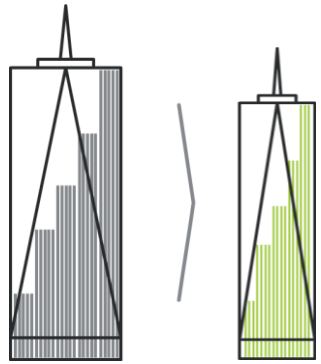
Less number of shafts



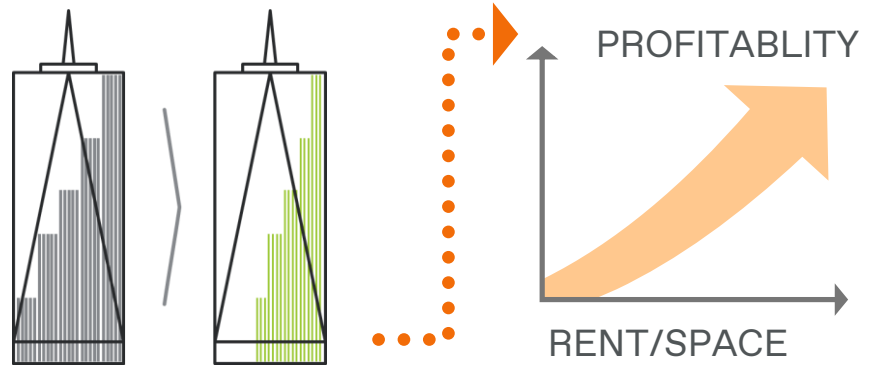
No machine room on top of shaft

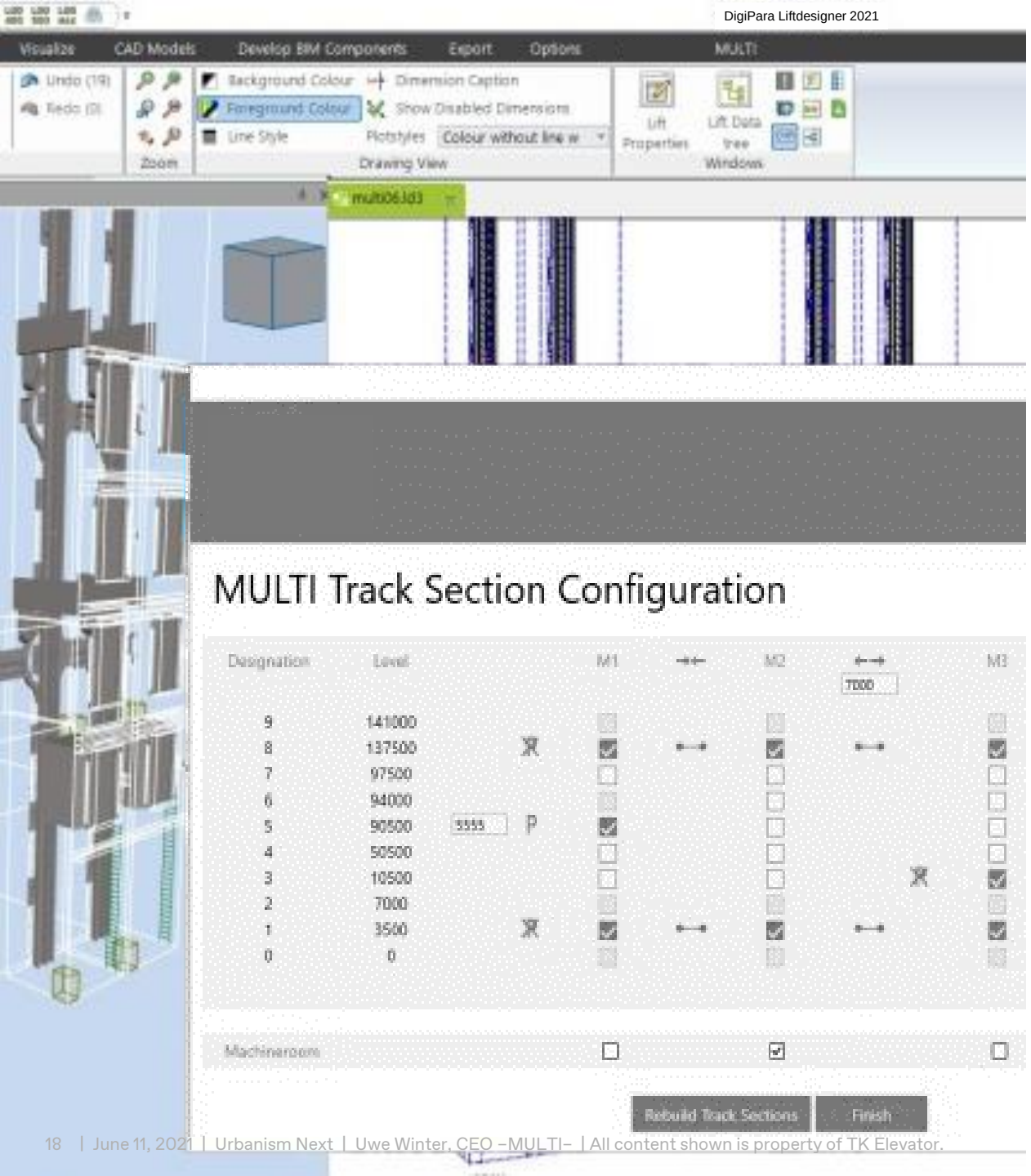
BETTER ELEVATOR SPACE RATIO FOR PROFITABILITY

REDUCTION OF CONSTRUCTION COST BY SMALLER BUILDING



ADDITIONAL INCOME BY ENLARGING RENTABLE SPACE





BREAKTHROUGH

FOR BUILDING DESIGN

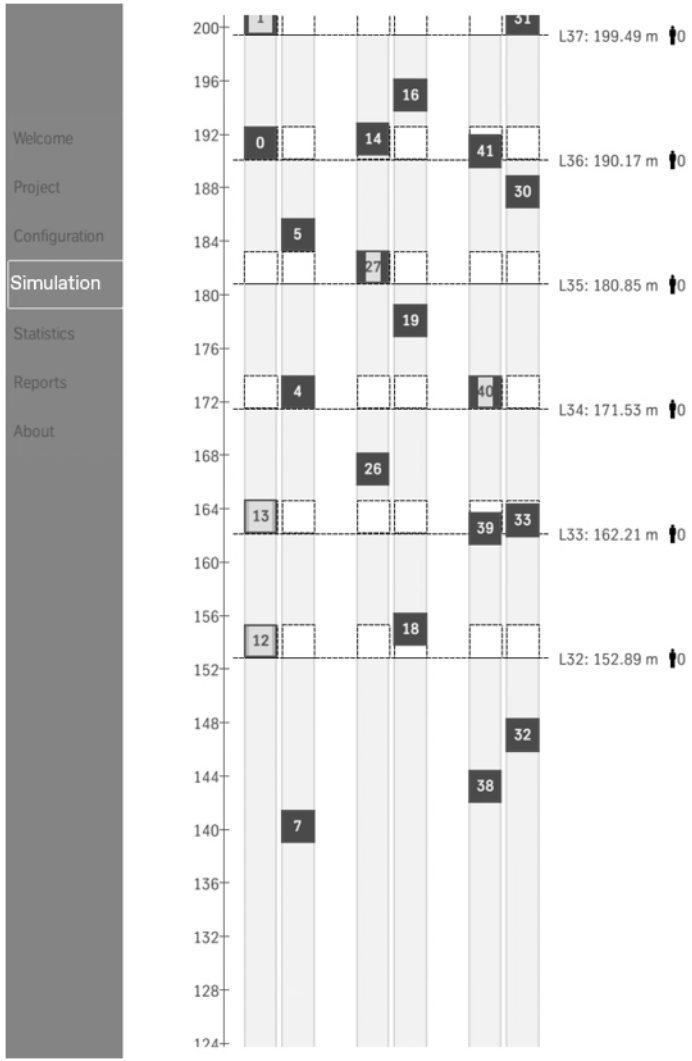
AUTOMATIC BIM*-CREATION ENABLES EARLY INTEGRATION OF ROPELESS MULTI

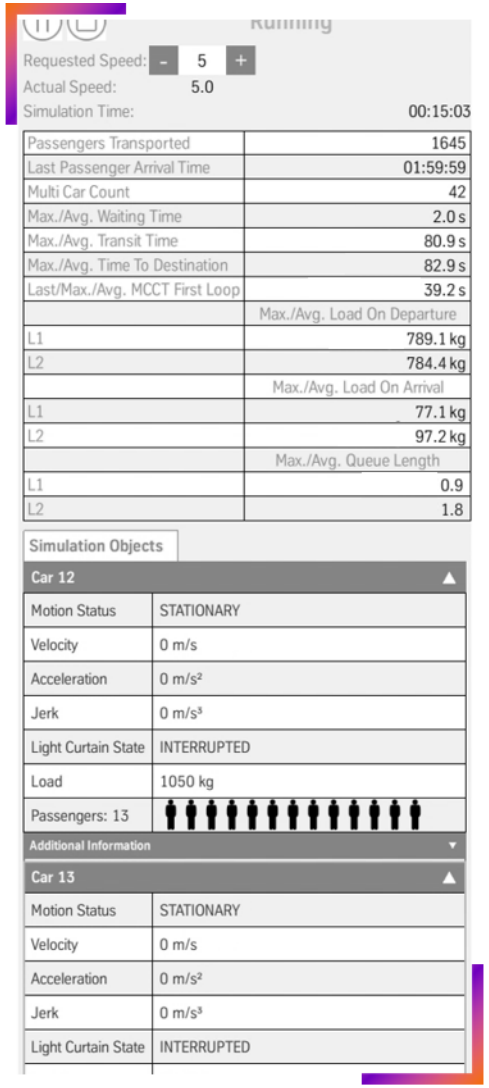
***Building information modeling**

- New software enables 3D model configuration with only a few clicks
- The DigiPara lift designer designs and plans complete MULTI-installations
- Architect’s requests for BIM models answered by just one push of a button

BEST OF CLASS TRAFFIC CALCULATIONS

FOR ALL TK ELEVATOR PRODUCTS INCLUDING MULTI





MULTI@TKELEVATOR.COM

Contact us for your future building!
We help you realise your high-rise vision with unparalleled consulting and planning support right from the start, even before the first outline of a building is drawn.

