



Digital construction

Lipa-Betoni group



- 1950** Uno Lipsanen founded the company
- 1976** Lipa-Betoni Oy was founded
- 1984** Change into limited company,
second generation entered the company
- 2007** Buying of Rakennus Oy Antti J. Aholan
- 2009** Third generation entered the company
- 2013** Moduls Oy was founded



LIPSANEN

Construction and reconstruction of public, industrial and office buildings. Area of operation is the whole country.

Rakennus Oy Antti J. **Ahola**

Primarily specialized in reconstruction of public, industrial and office buildings. Area of operation is the capital region.

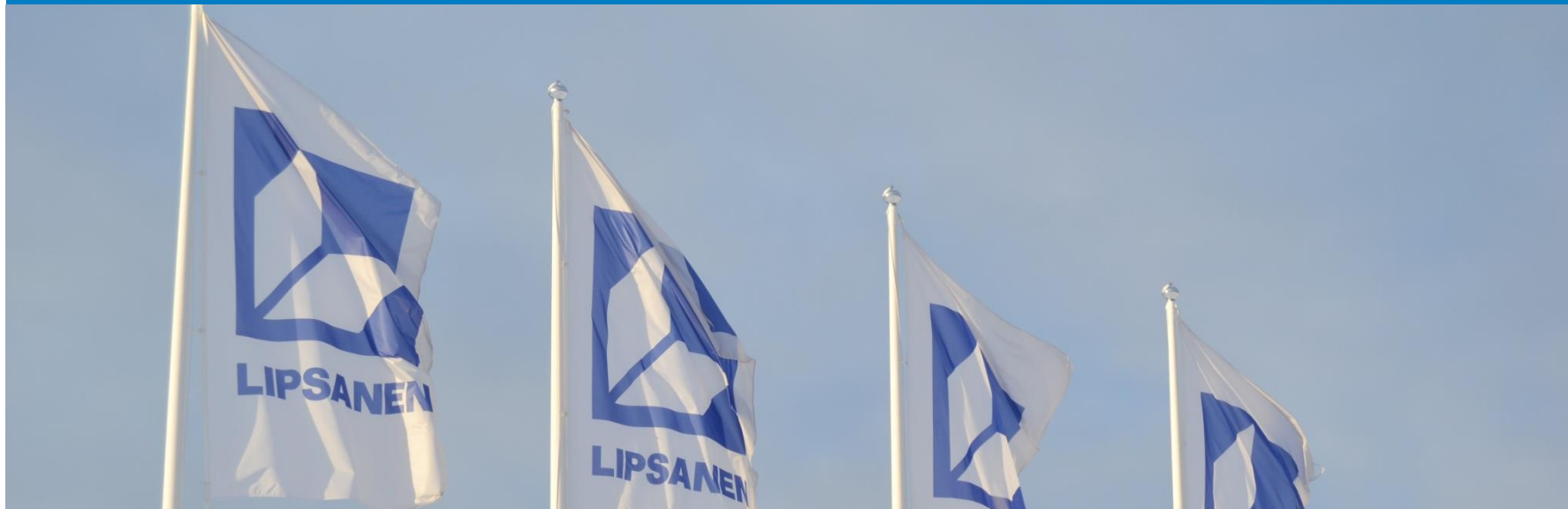
LIPA-BETONI OY

Manufacture of concrete elements with high degree of processing (coloured and polished concrete). Area of operation is the whole country

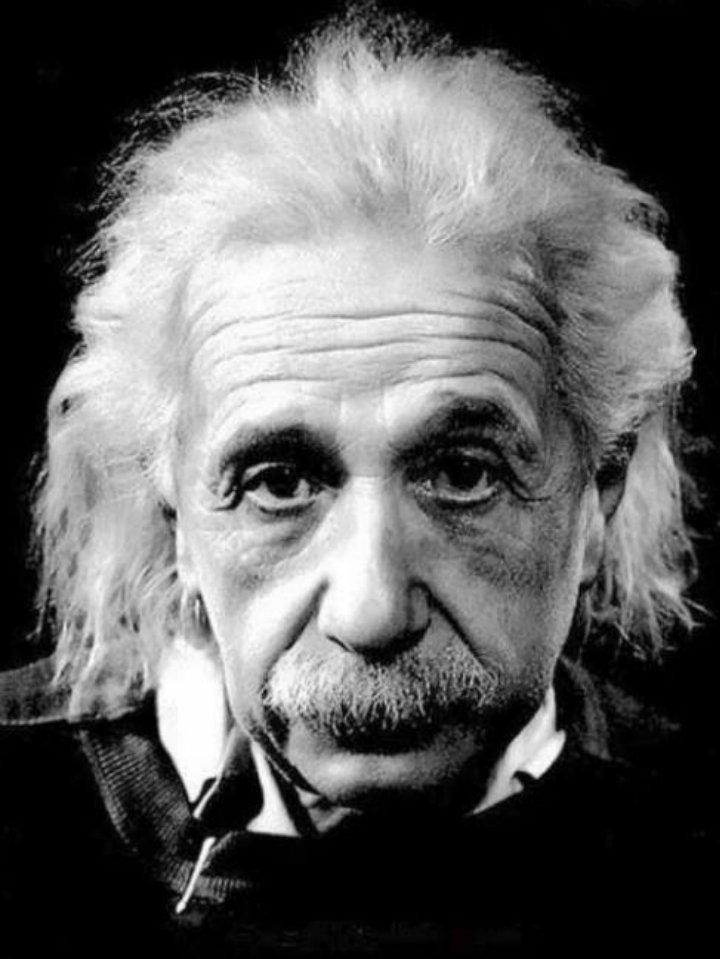
Moduls

Offer life-cycle building services contracting and property maintenance services.

Lipa-Betoni group



2016 v.	Lipsanen Oy	Lipa-Betoni Oy	Rakennus Oy	Moduls Oy
			Antti J. Ahola	
Turnover	25 milj.	6,5 milj.	30 milj.	0,5 milj.
Employees	69	32	60	4



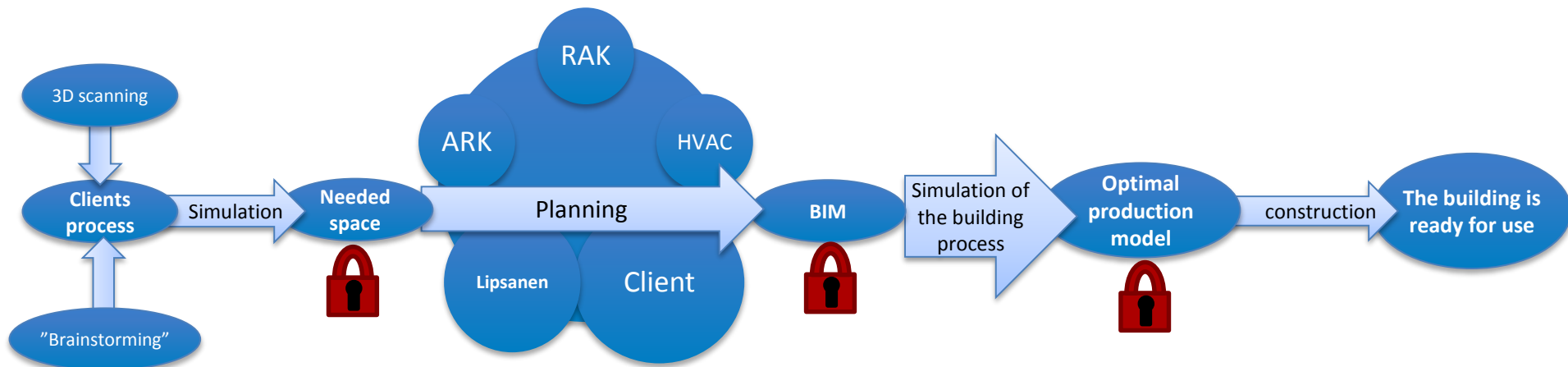
Insanity- Doing the same thing over and over again and expecting different results.

-Albert Einstein

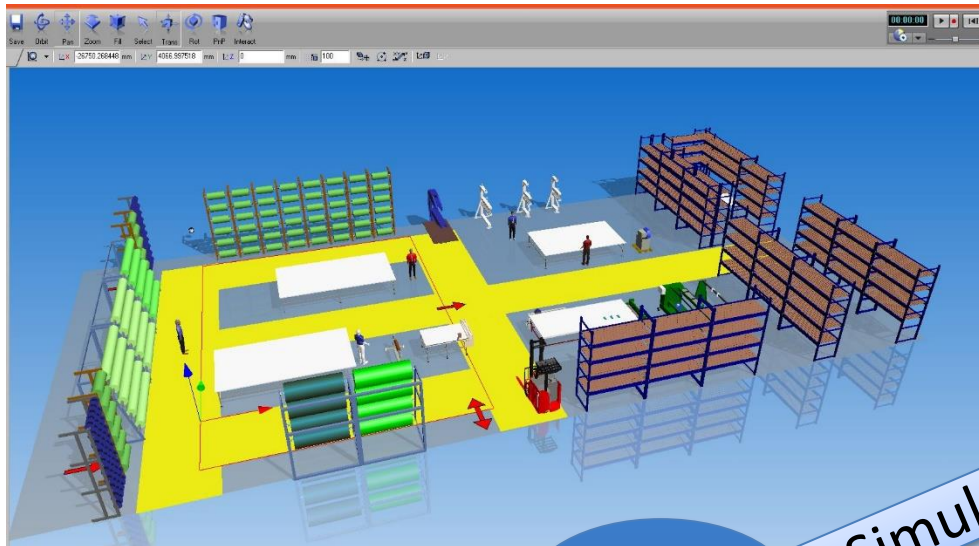
“If you always do what
you’ve always done,
you’ll always get what
you’ve always got.”

- Henry Ford

Digital construction



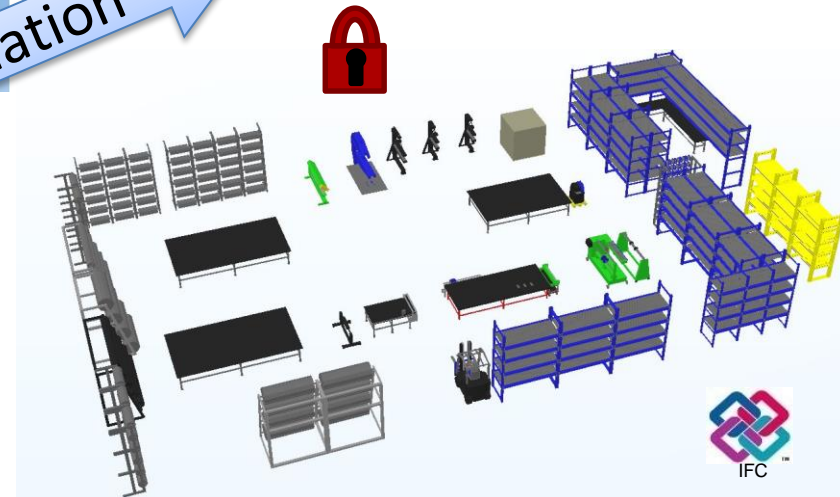
Simulation of the clients process



Clients
process

Simulation

Needed
space

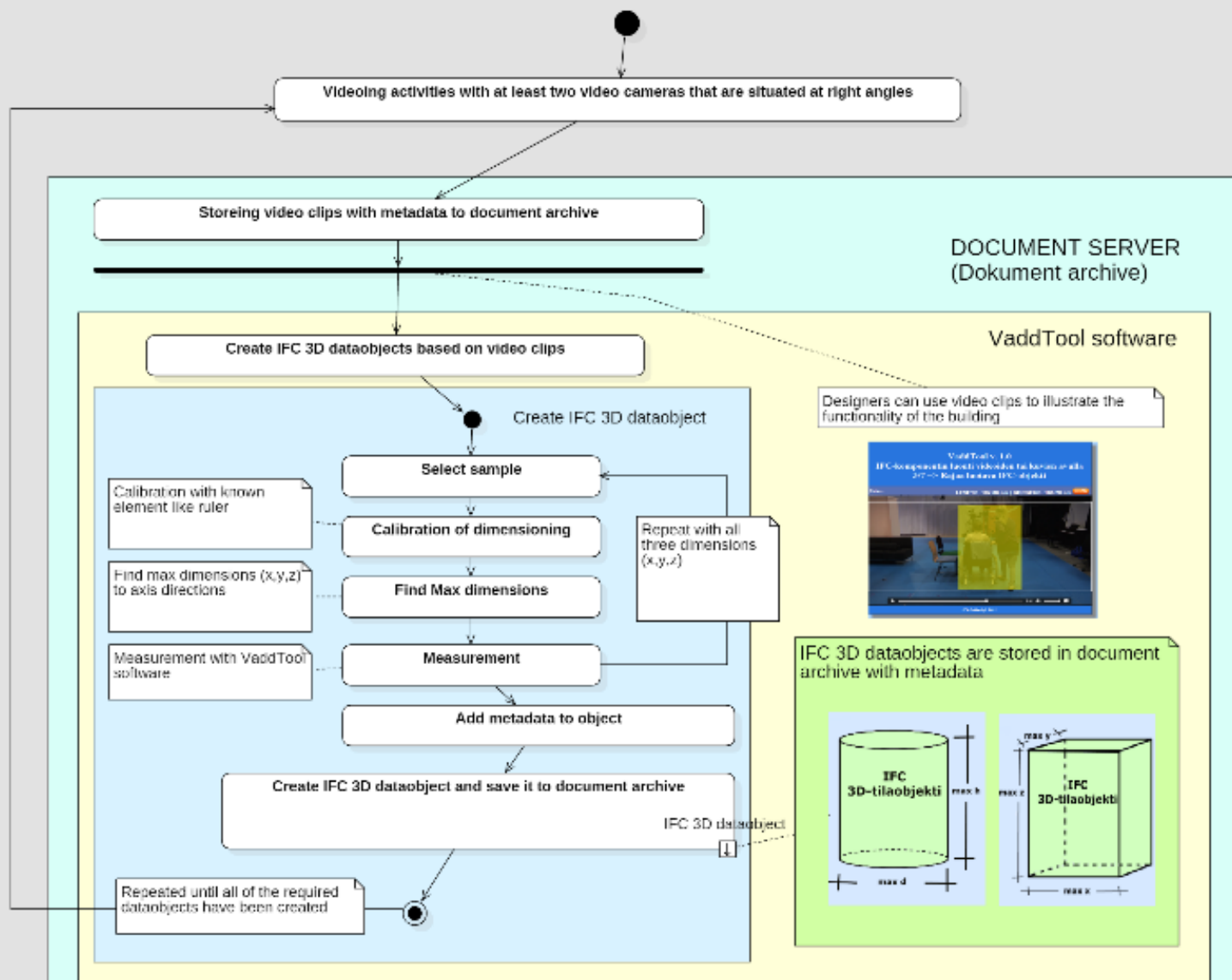


Value Add Data tool (Vadd)



Value Add Data tool (Vadd)

THE PROCESS OF THE FUNCTIONAL DESIGN METHOD FOR BUILDINGS

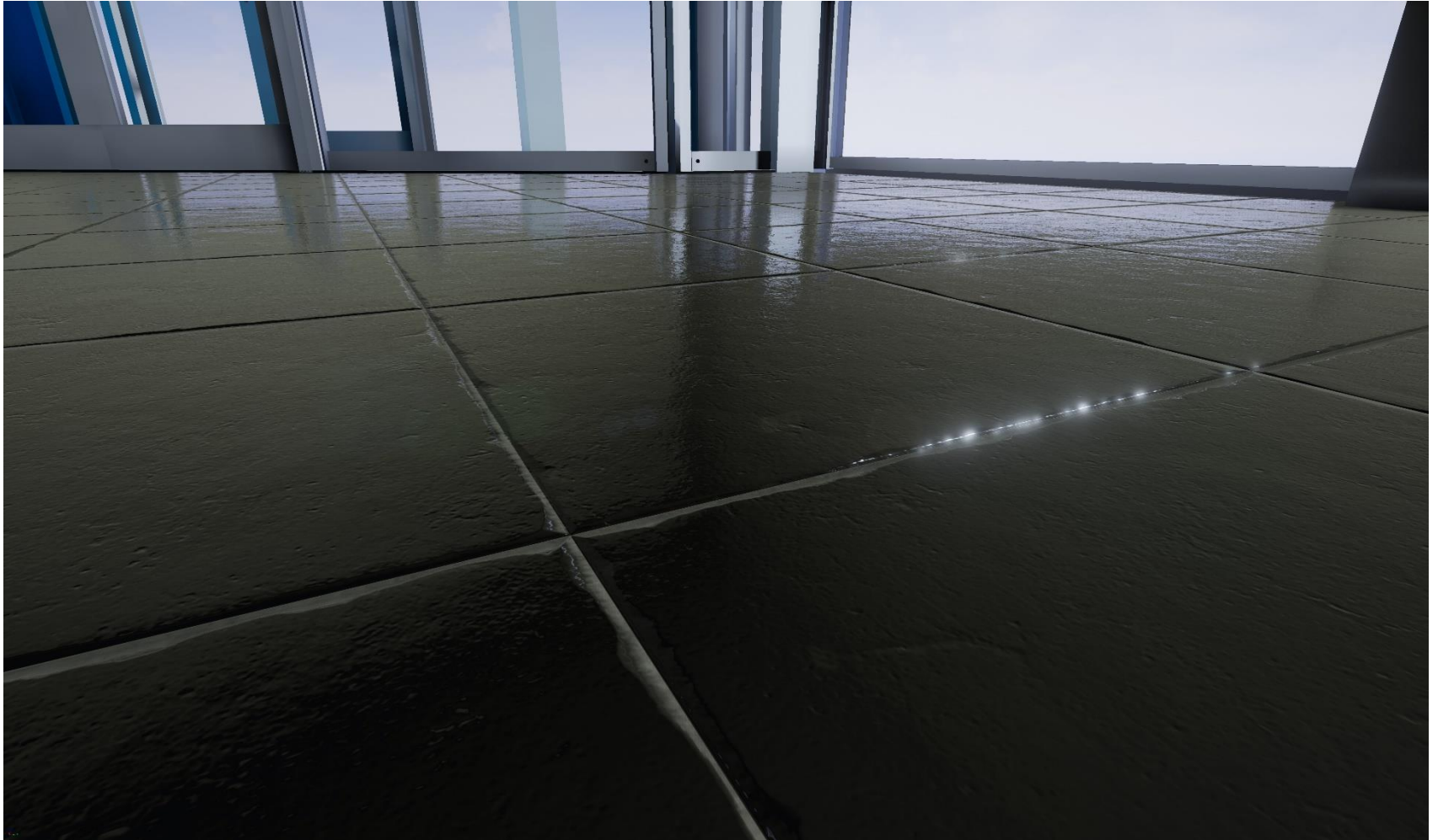


Digital construction

VR Virtual reality



Digital construction



Digital construction



Digital construction



AR Augmented Reality

Rakennuksen elinkaaren datan hallinta

RedHal

- Development project 2016 – 2018
- Product Lifecycle Management practices (PLM)
- digital long term archiving
- Renewing of our processes, increasing the use of BIM
- Methods for visualization will be developed via indoor positioning and with AR-methods (Augmented Reality)



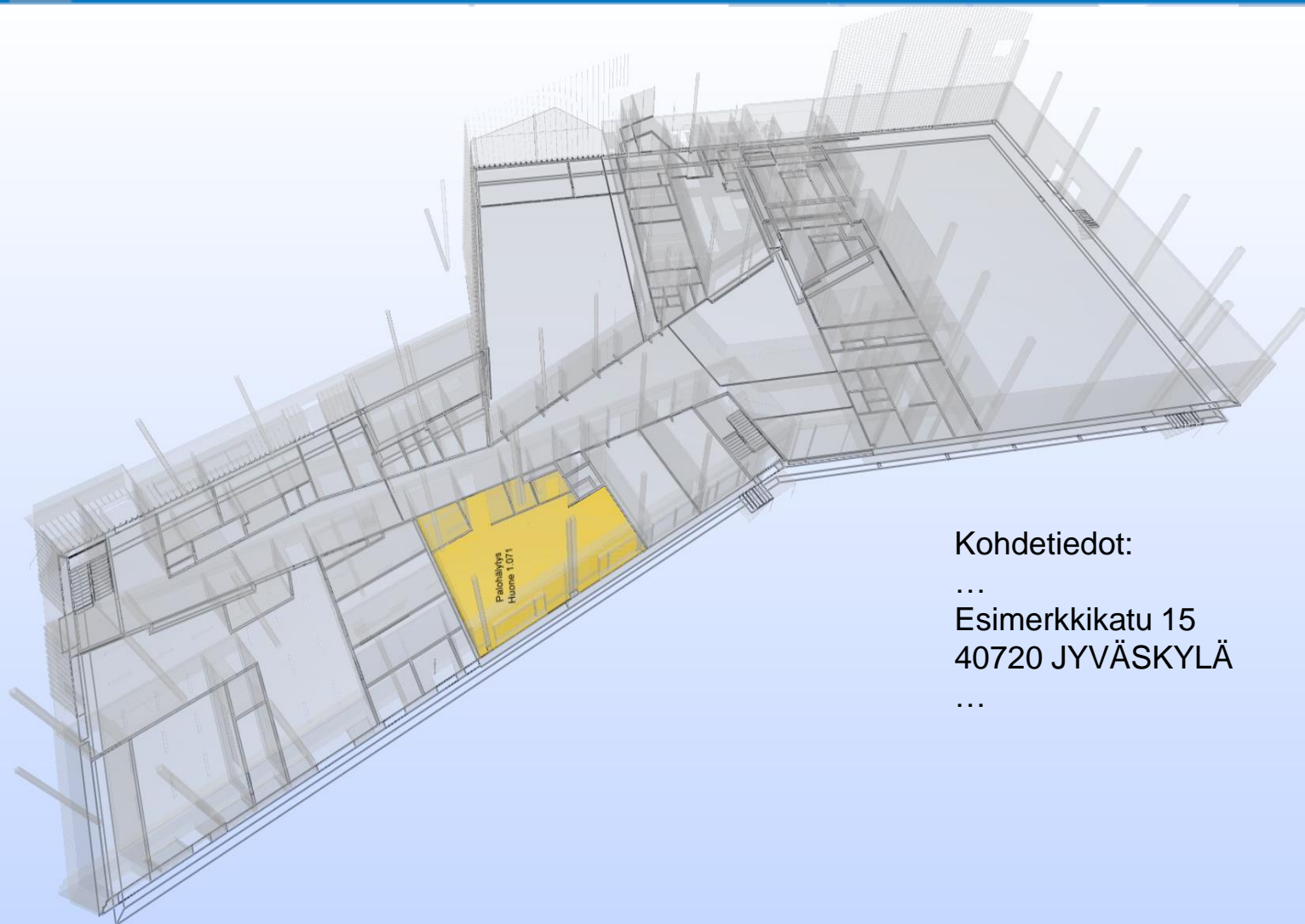
Sähkö-
pääkeskus

SPRINKLERIKESKUS

IV- konehuone



Savunpoiston
laukaisukeskus



Kohdetiedot:

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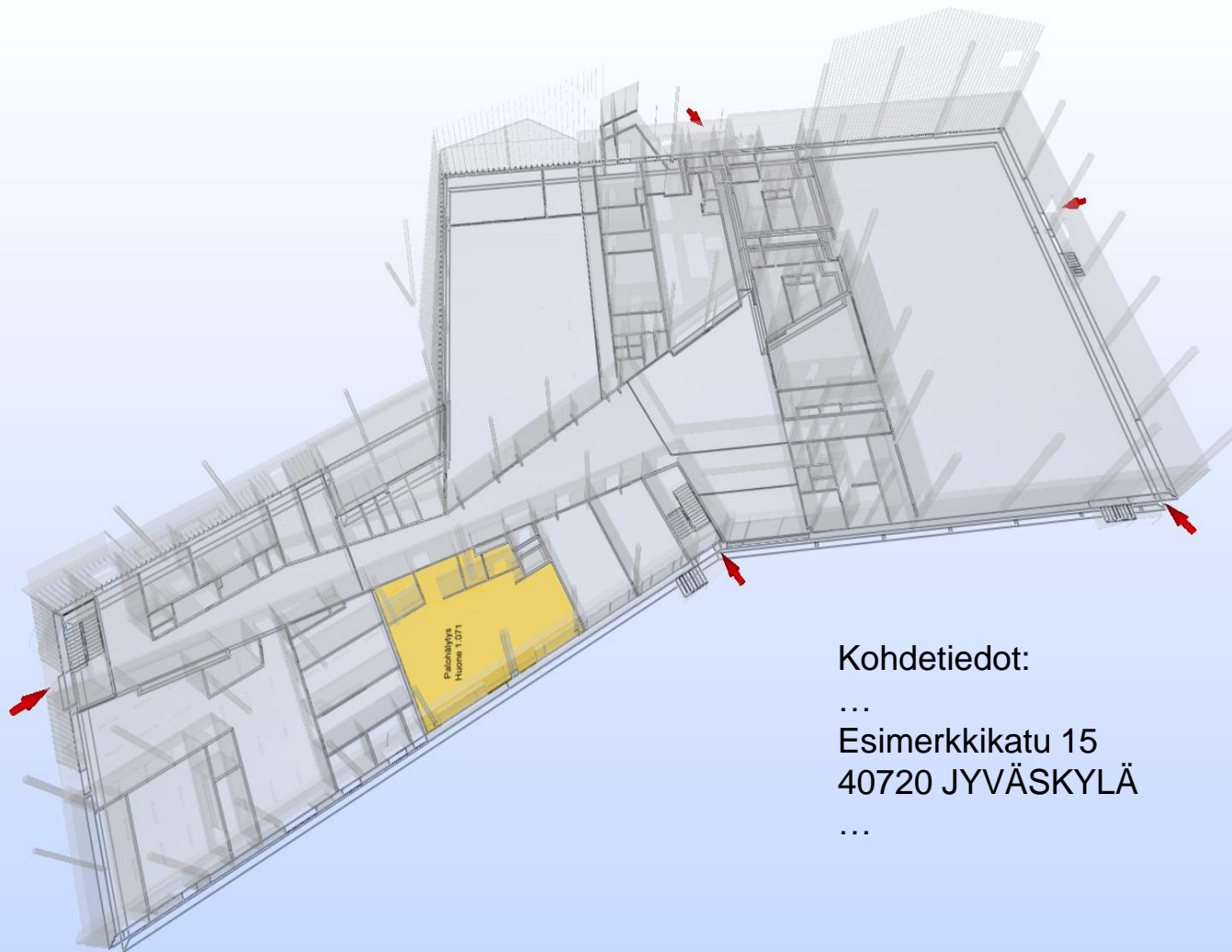
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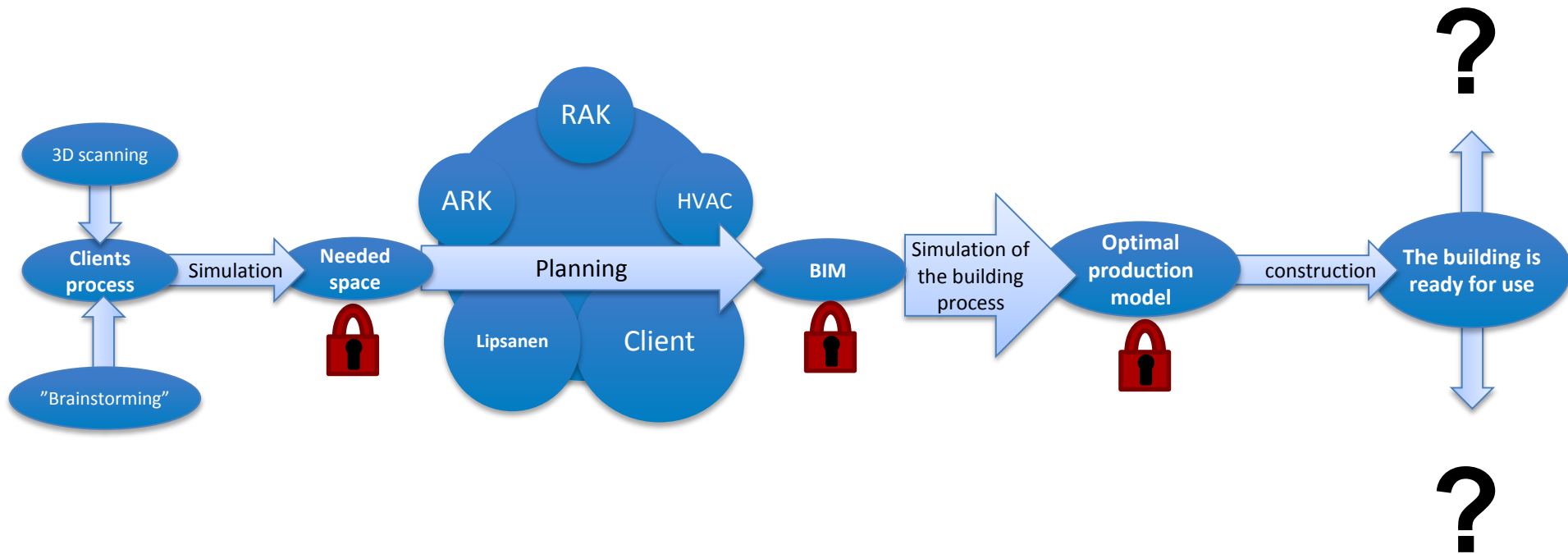
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