7.5.2020

Visual
Digital Twin

Digital Twins in Industry FIIF Webinar
Kari Peltola

WAKEONE

About Wakeone

- Helsinki & Tampere, FIN
- 50 employees
- Turnover 4,4M€ (2019)

Wakeone is part of Finnish internet pioneer Valve (founded in 2000). Wakeone is established on the solid foundation of Valve's technology, service design and 3D- and UX-businesses forming a unique company with full stack capabilities from design to delivery to support.

Wakeone can envision, design, develop, deploy and support solutions for the immersive internet.

Wakeone is a new company
– but with a proud history.

oppobot NOKIA Seriously sako KM Kiinteistömaailma UPM

Some of our XR clients

Kari Peltola

Chief Product Officer, Wakeone

Chairman, VR Finland ry

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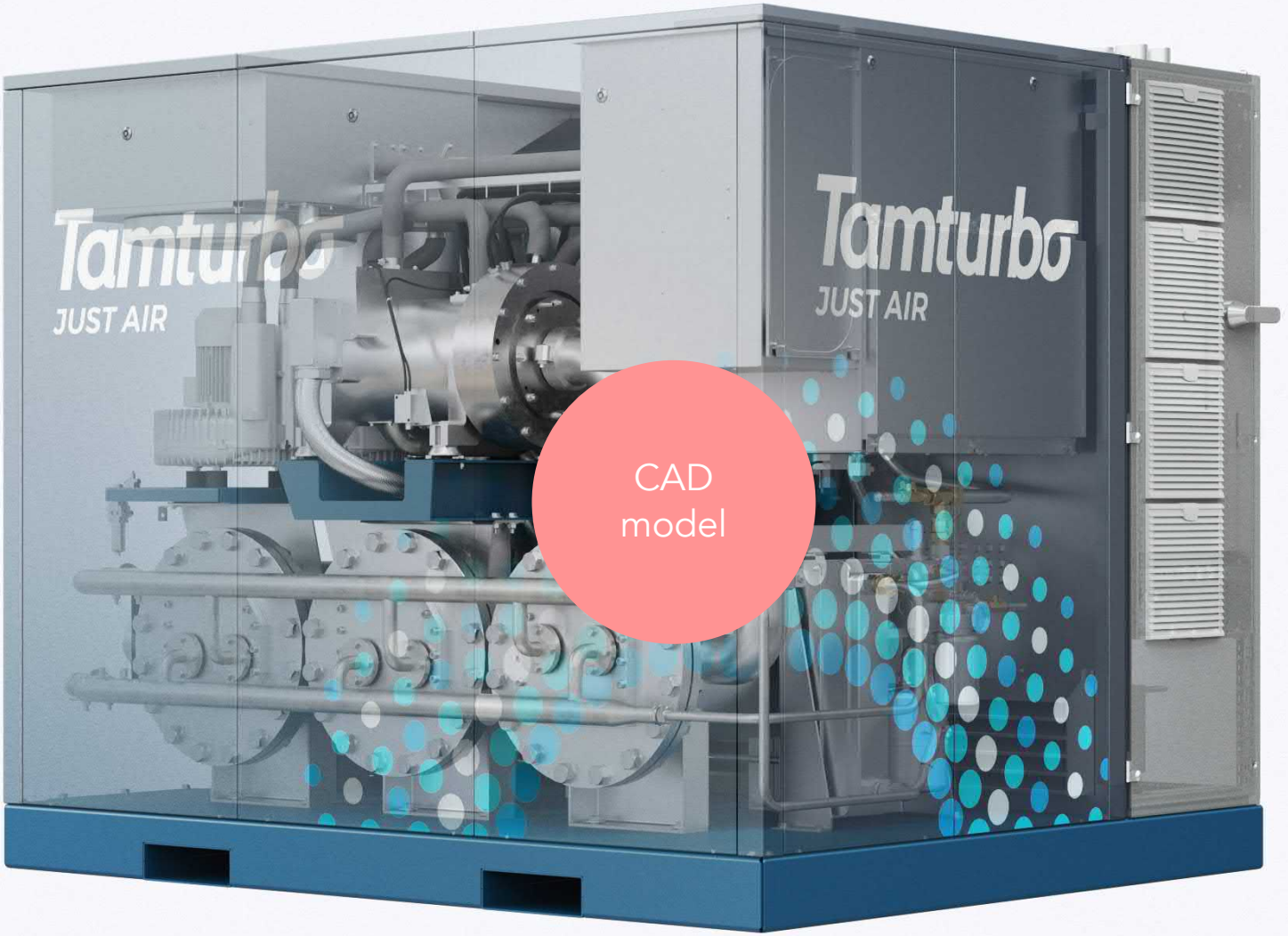
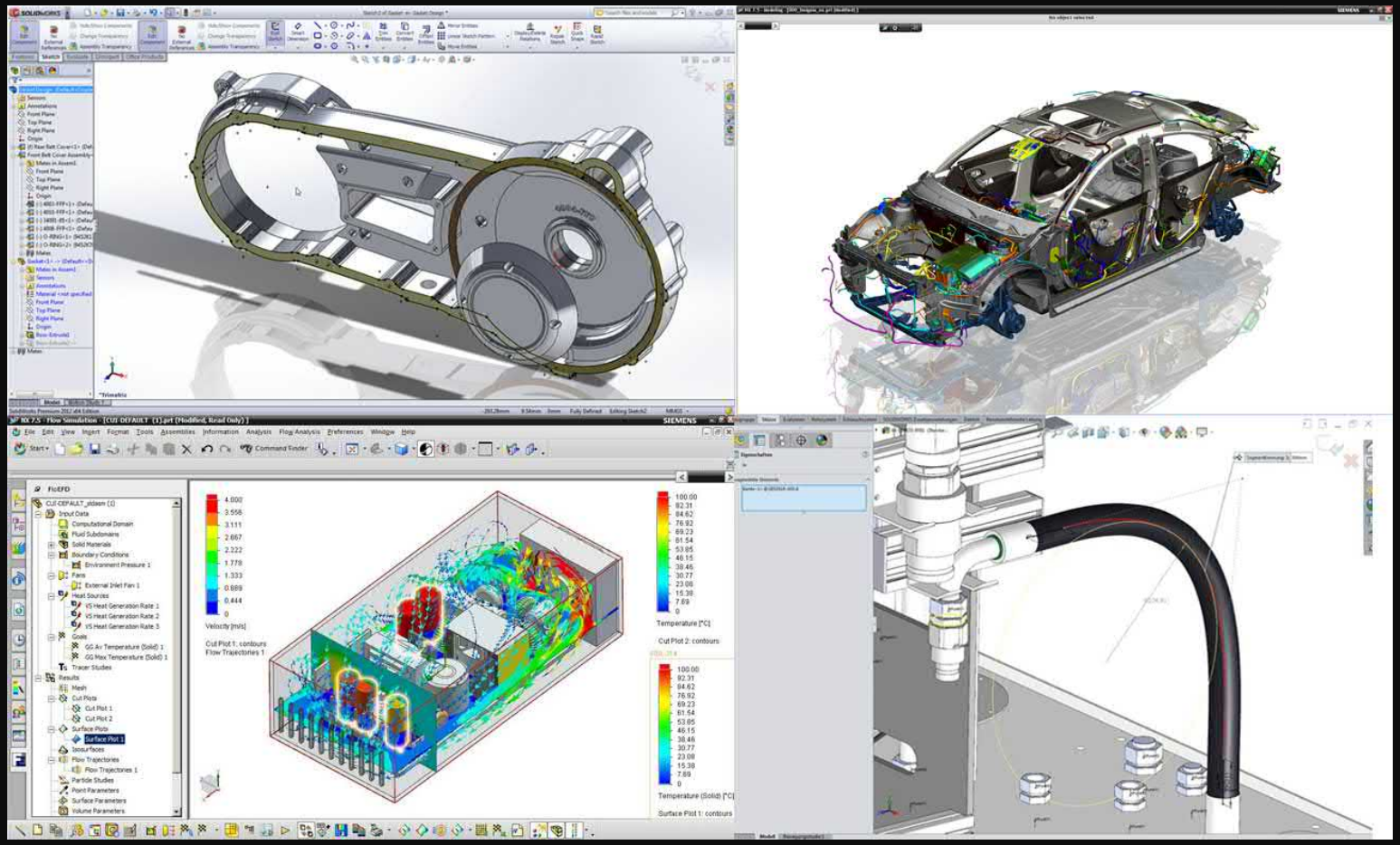
Visual Digital Twin

glaston
Chiller
FC Series (interactive)

KONECRANES®
PROUDLY PRESENTS
NEXT GENERATION OF LIFTING

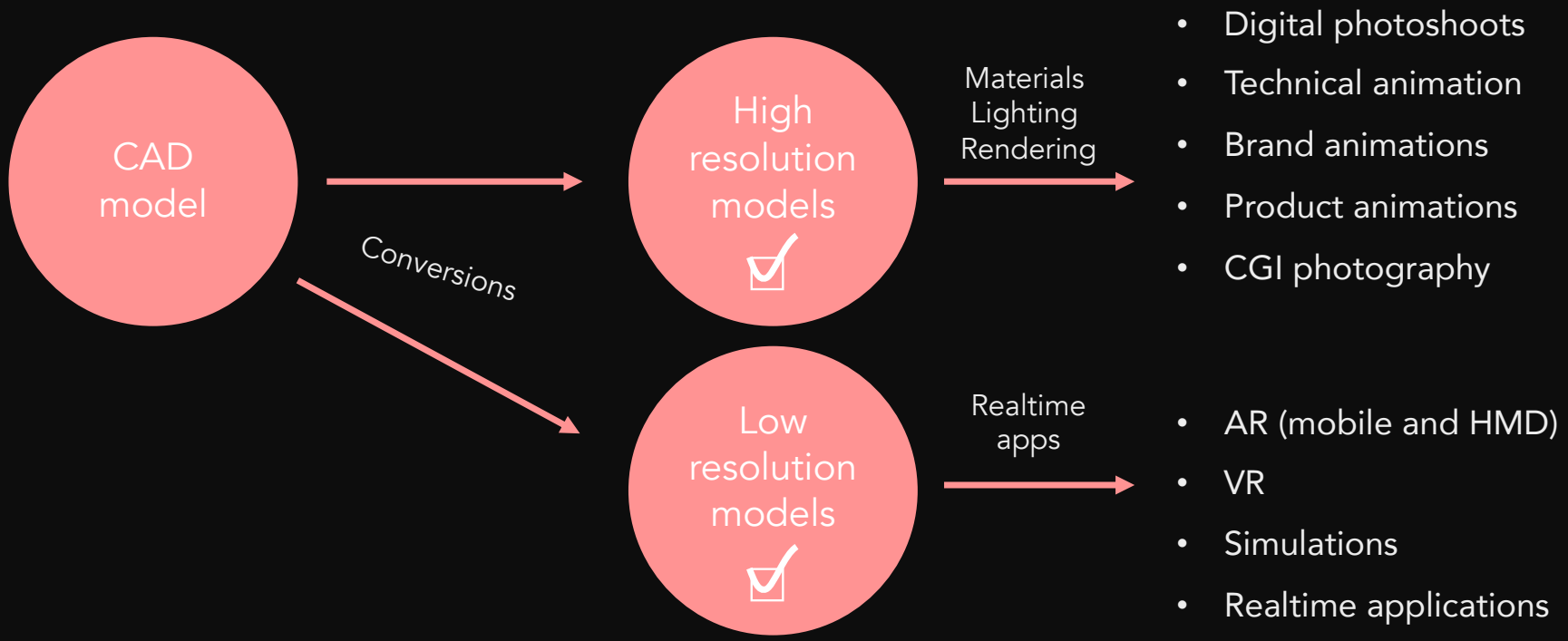

Tamturbo
JUST AIR
Tamturbo
JUST AIR
CAD
model

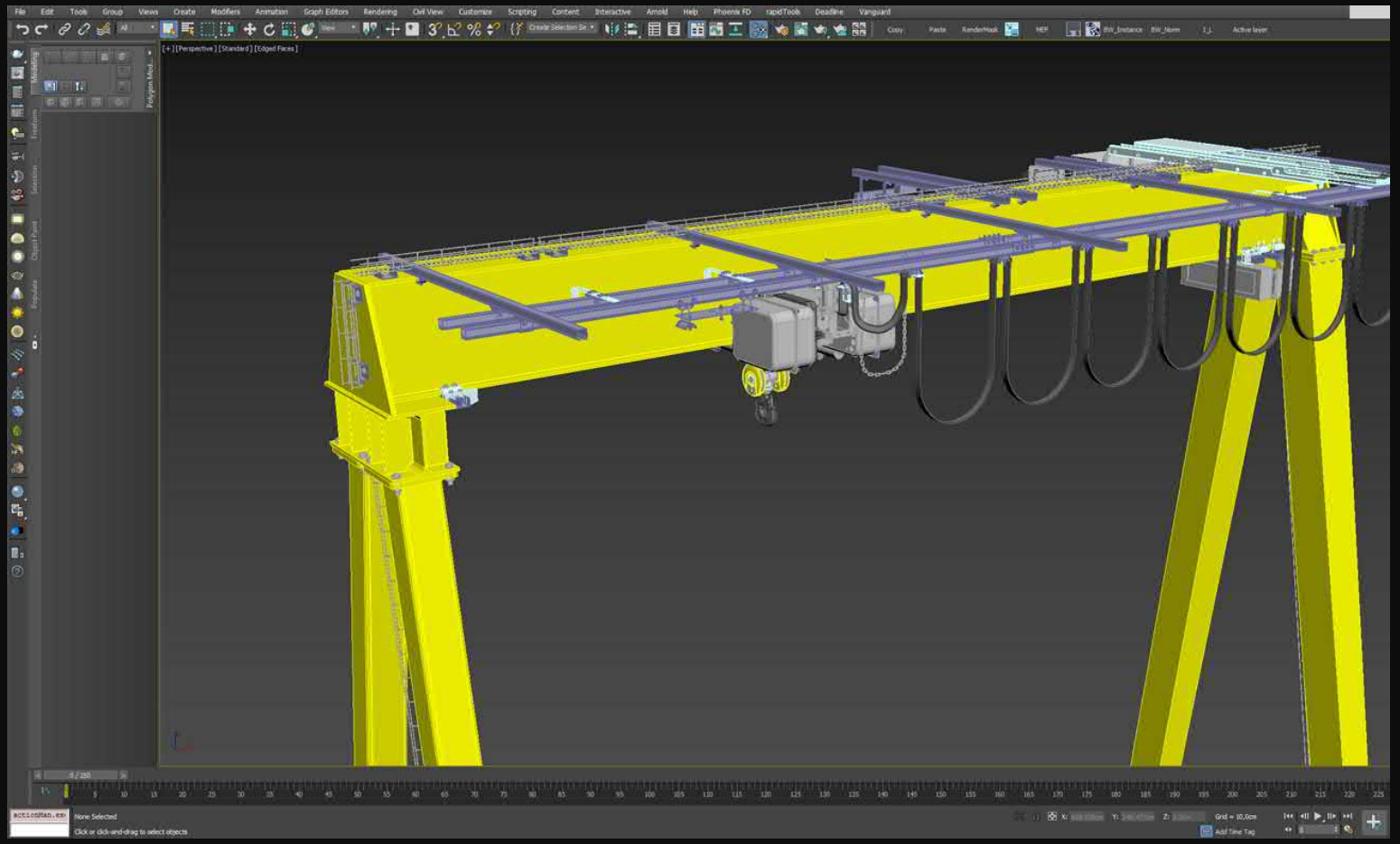


CAD model

3D-model is exported from any commonly used CAD-software.

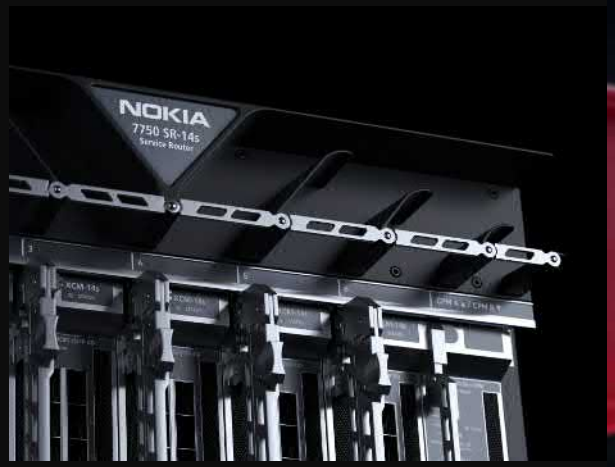
More value from 3D assets

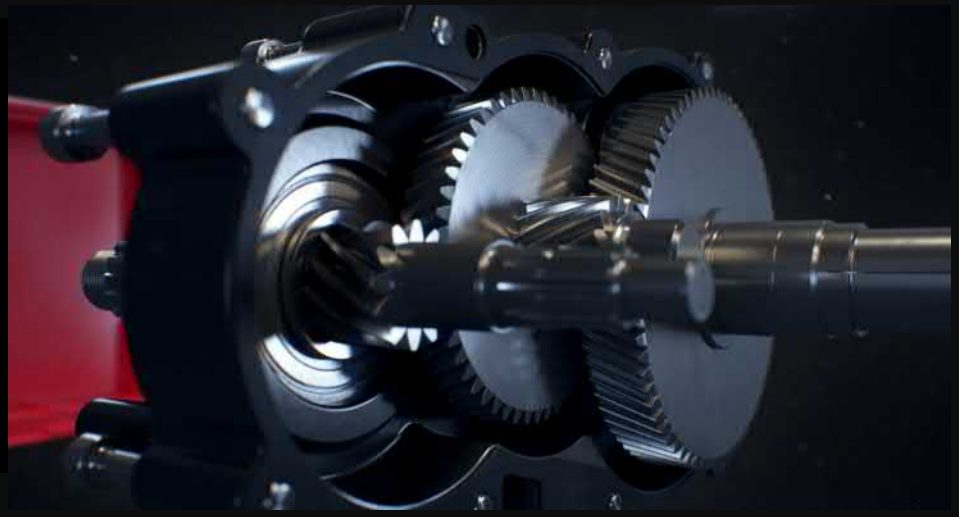




Convert and Optimize

Automated or Semi-automated CAD-model conversion and optimization to high- and low-resolution 3D-models.





High Resolution Pipeline

- Digital photoshoots
- Technical animation
- Brand animations
- Product animations
- CGI photography

Example

Digital photoshoots creating savings and new opportunities

- Whole production pipeline
- Easy to modify and retake, anytime
- Best picture and angle for all situations
- Easy to produce enough material for all channels
- Capability to support configuring 1000s of variations

sako
demand perfection

More info at: https://sako.wakeone.co/

Low Resolution Pipeline

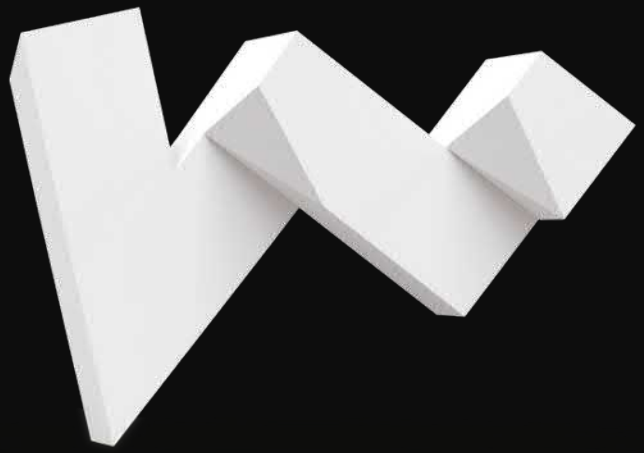
- Browser-based solutions
- Real-time applications
- Simulations
- AR/VR

Example

XR Showroom supporting effective sales, training and operations

- Bigger impact and engagement using highly visual and immersive experience
- Cloud-based content management with automatic 3D model optimization
- Improved productivity in training
- Whole product line can be taken to any location

More info at: https://xrshowroom.fi/



Thank You!

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