R8 TECHNOLOGIES

to **Save Energy** and
Increase Indoor Comfort
at the same time.

Energy & CO_2 up to -30%
Indoor comfort level from 90%

R8tech in Numbers

12
countries

500 000+
datapoints

650 000+ m^2
portfolio size

10 000 000+ kg
CO_2 savings

2017
founded

SAVINGS ON TOTAL COST
UP TO
30%
LESS CO_2 EMISSION

Digital Operator integrates securely with all common and modern BMS without any additional hardware.

** portfolio information updated: 26.01.2021*

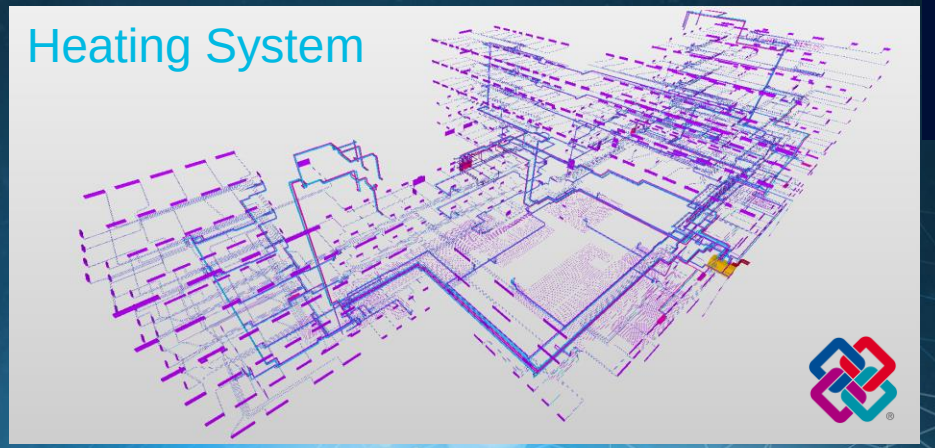
Lubja 4, Tallinn, ESTONIA

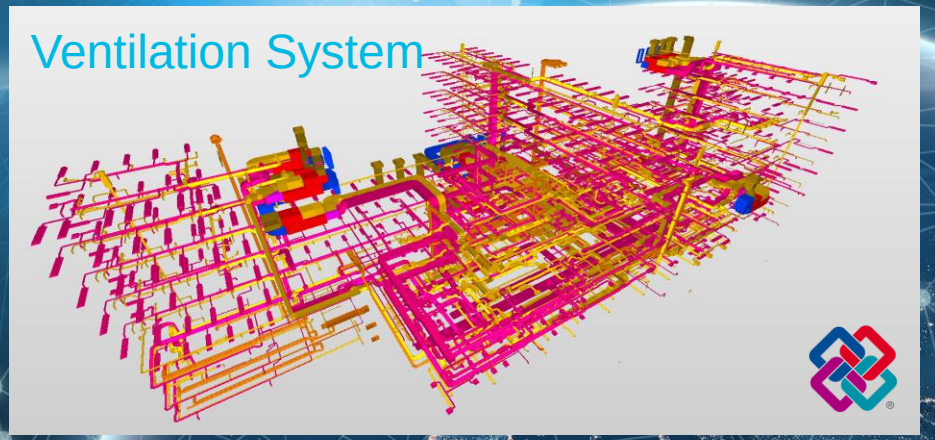
25 304
m² office building

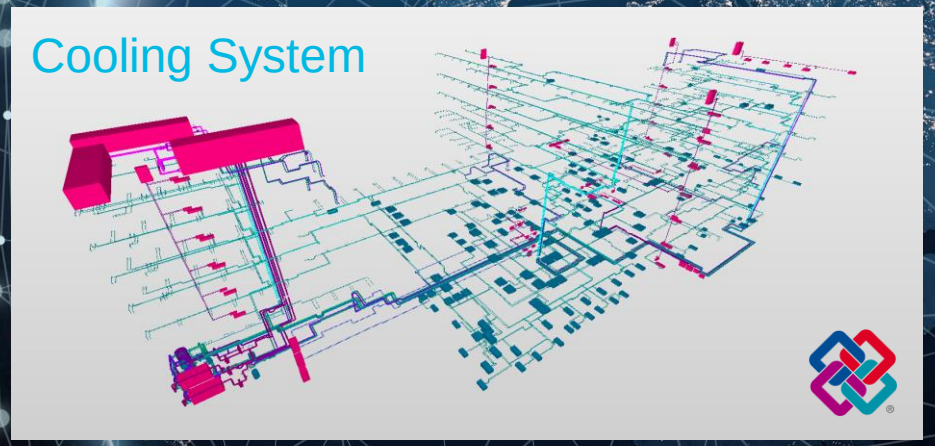
48 813
datapoints
SIEMENS

2018
construction year

2 898
controllable
HVAC components







R8 tech

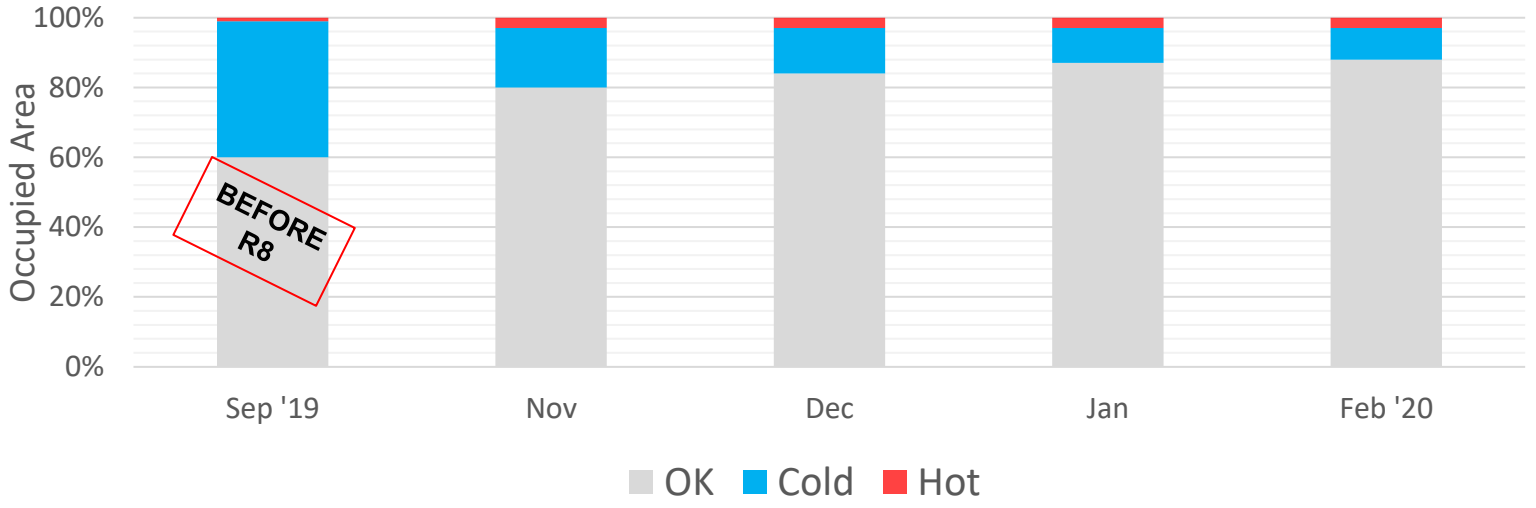
Lubja 4, Tallinn

680 000
Setpoint changes

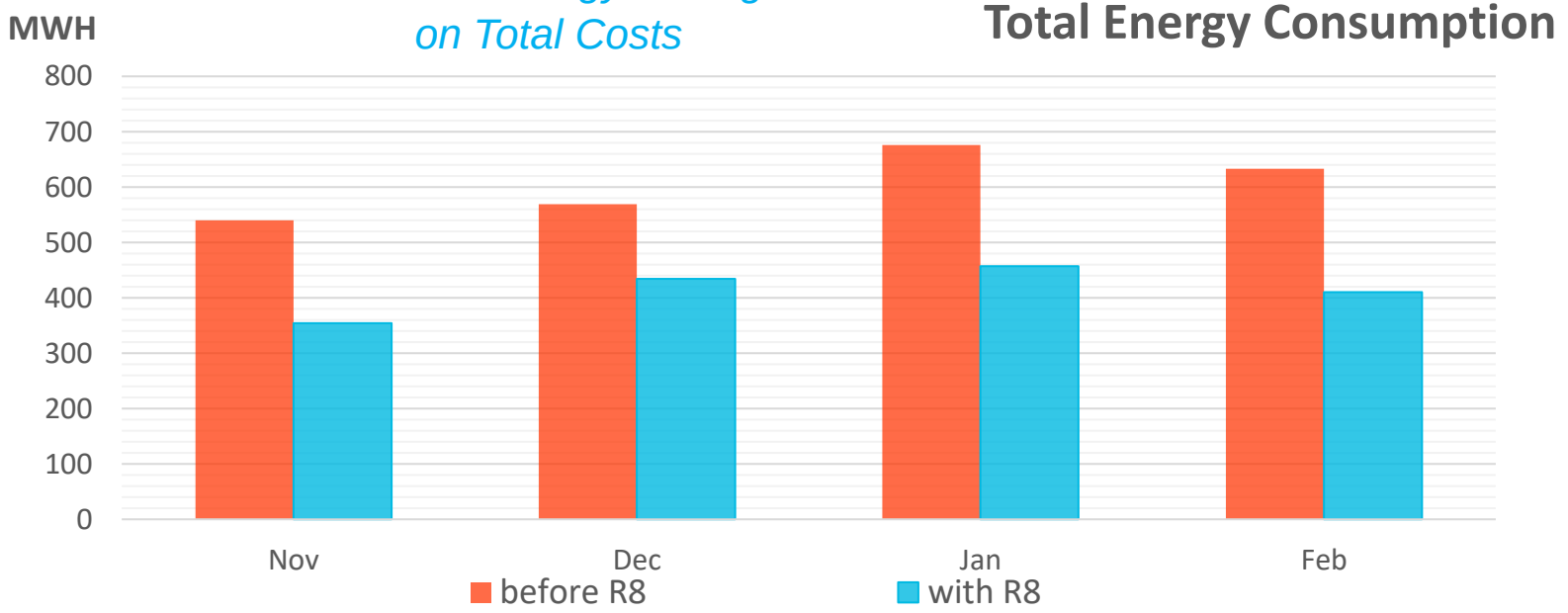
900+
Faults and Anomalies detected

225 000+ kg
CO_2 savings

Thermal comfort increase from ***60% to 90%***



31.5% *Energy Savings on Total Costs*



R8 tech

References: 650.000+ m²

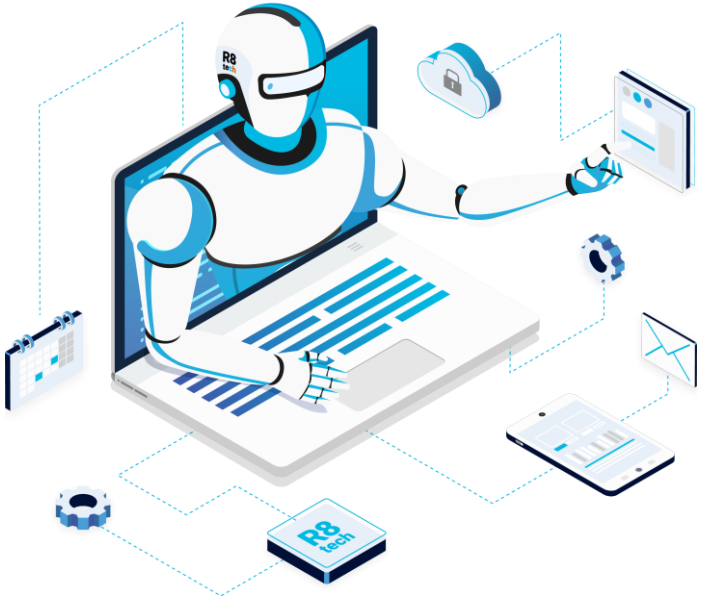
Computer vs Human

CHESS

1997: **Deep Blue** vs
Garry Kasparov

GO

2017: **AlphaGo** vs
Lee Sedol



BMS

2020: **R8 Digital Operator** vs
World Best Human Operator

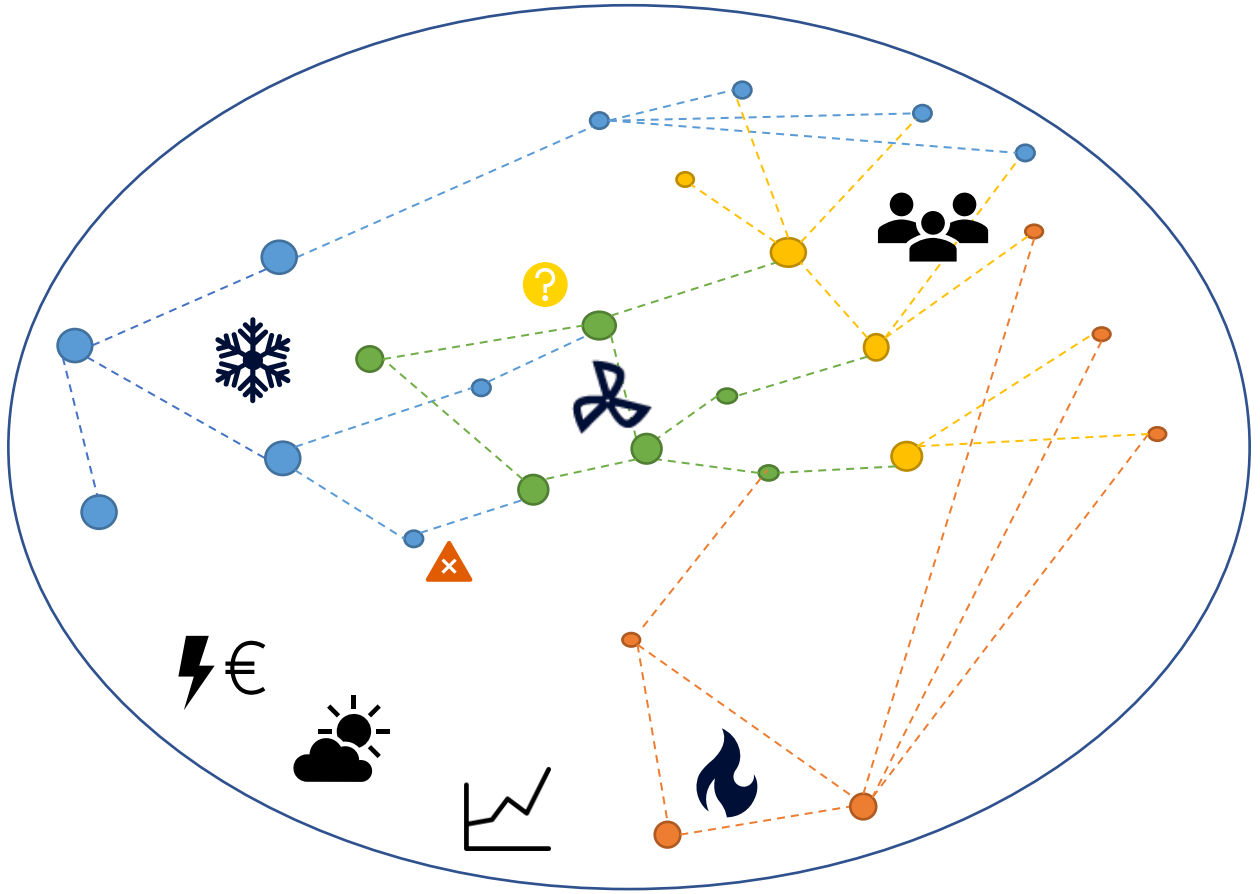
ROBOT WORKS 24/7 taking data-driven action for your building well-being and performance!

Machine operated systems

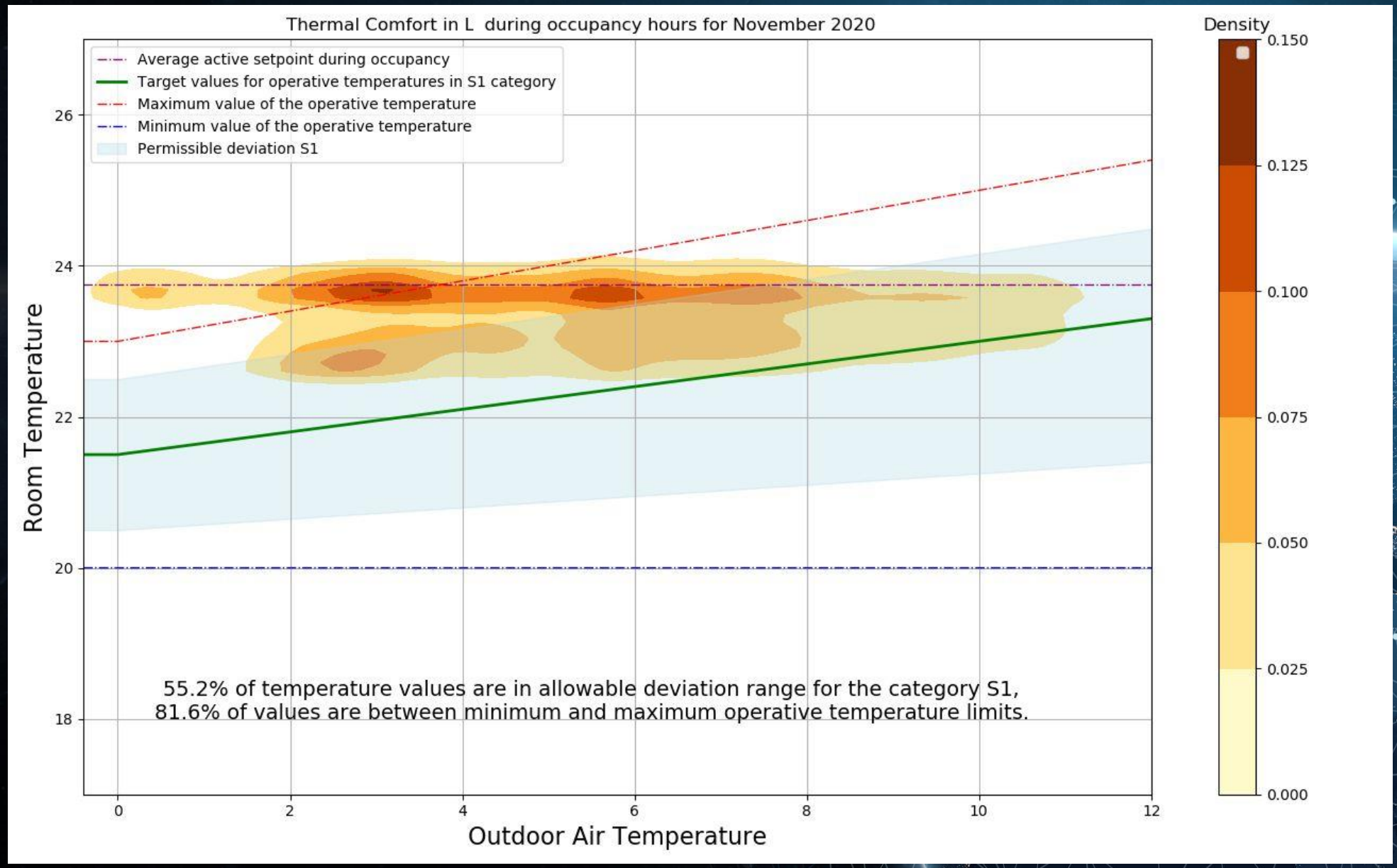
Building technical systems are **sub-isolated** and “managed” independently.

- Heating
- Cooling
- Ventilation
- Rooms

R8 Digital Operator



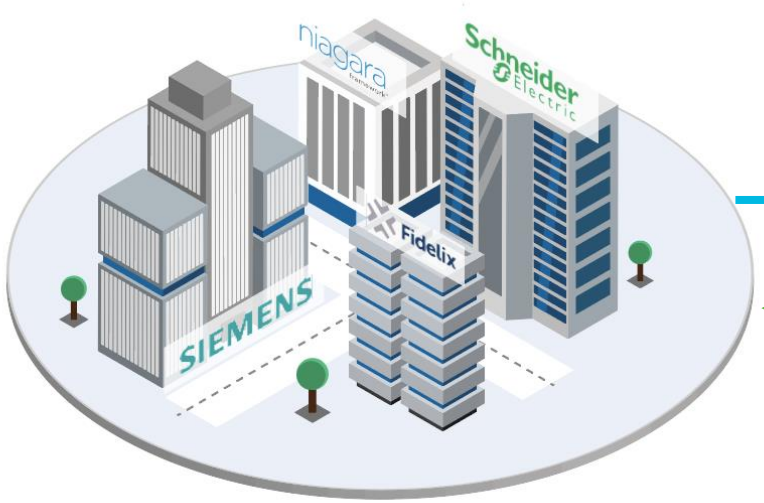
Do you know what is going on in your building?



R8 Digital Operator works 24/7

to ensure highly performing buildings

Remote Set Up



Cloud solution

READ

WRITE

R8 tech

Digital Operator powered by AI

Every 15 minutes

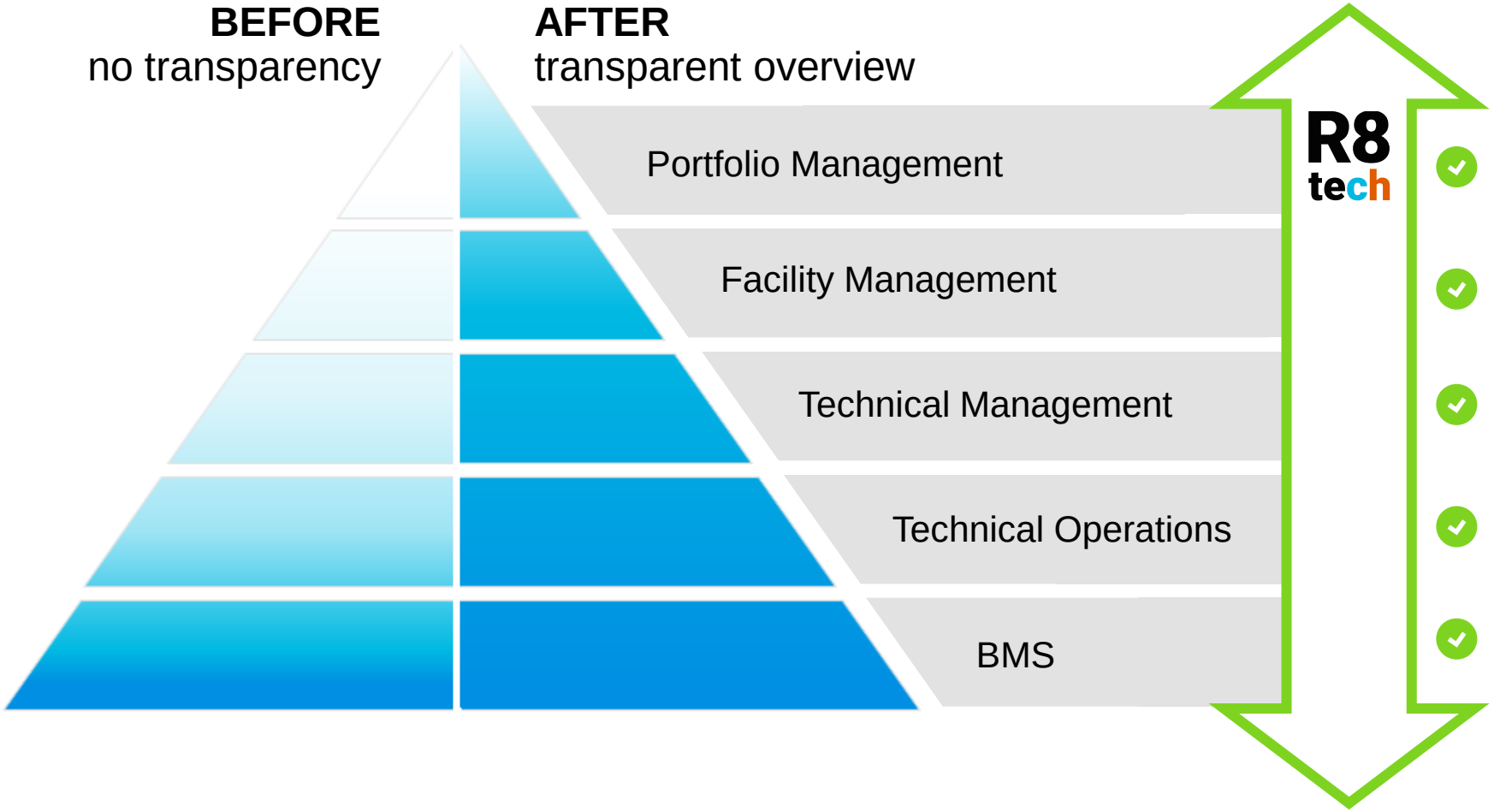
Key Performance Indicators

- Energy Efficiency
- Comfortable Indoor Climate
- Technical Condition

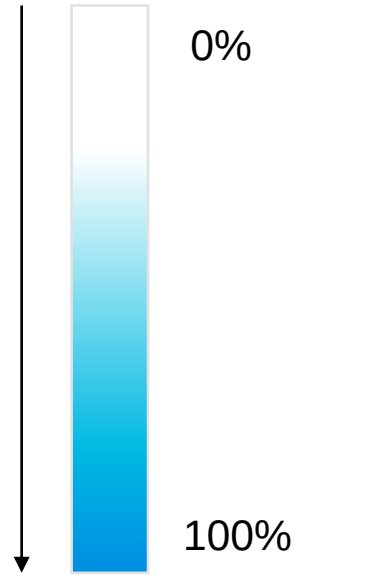
Information flow with R8 Digital Operator

BEFORE
no transparency

AFTER
transparent overview



SAVINGS ON TOTAL COST
UP TO 30%
LESS CO_2 EMISSION



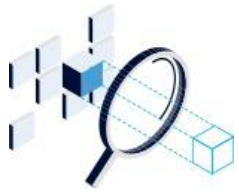
KPIs

Indoor Climate

Energy Performance

Technical Conditions

Business Model with a **money back guarantee**



Diagnostics

Integration

1-2 weeks

Diagnostics report

30 days

Opportunity to start saving with Autopilot

Fixed monthly fee

Autopilot

Savings

50%

50% R8tech fee

WHAT IS THE COST OF R8 DIGITAL OPERATOR?

- R8 Digital Operator value proposition is delivered with two main packages:

- **Diagnostics** is offered
  - 0.3 EUR/m² per integration and detailed diagnostics report
  - 0.05 EUR/m²/month as continuous service incl. R8 Analytics platform and reporting.

- **Autopilot** is offered
  - fixed fee 0.05 EUR/m²/month with savings validation.

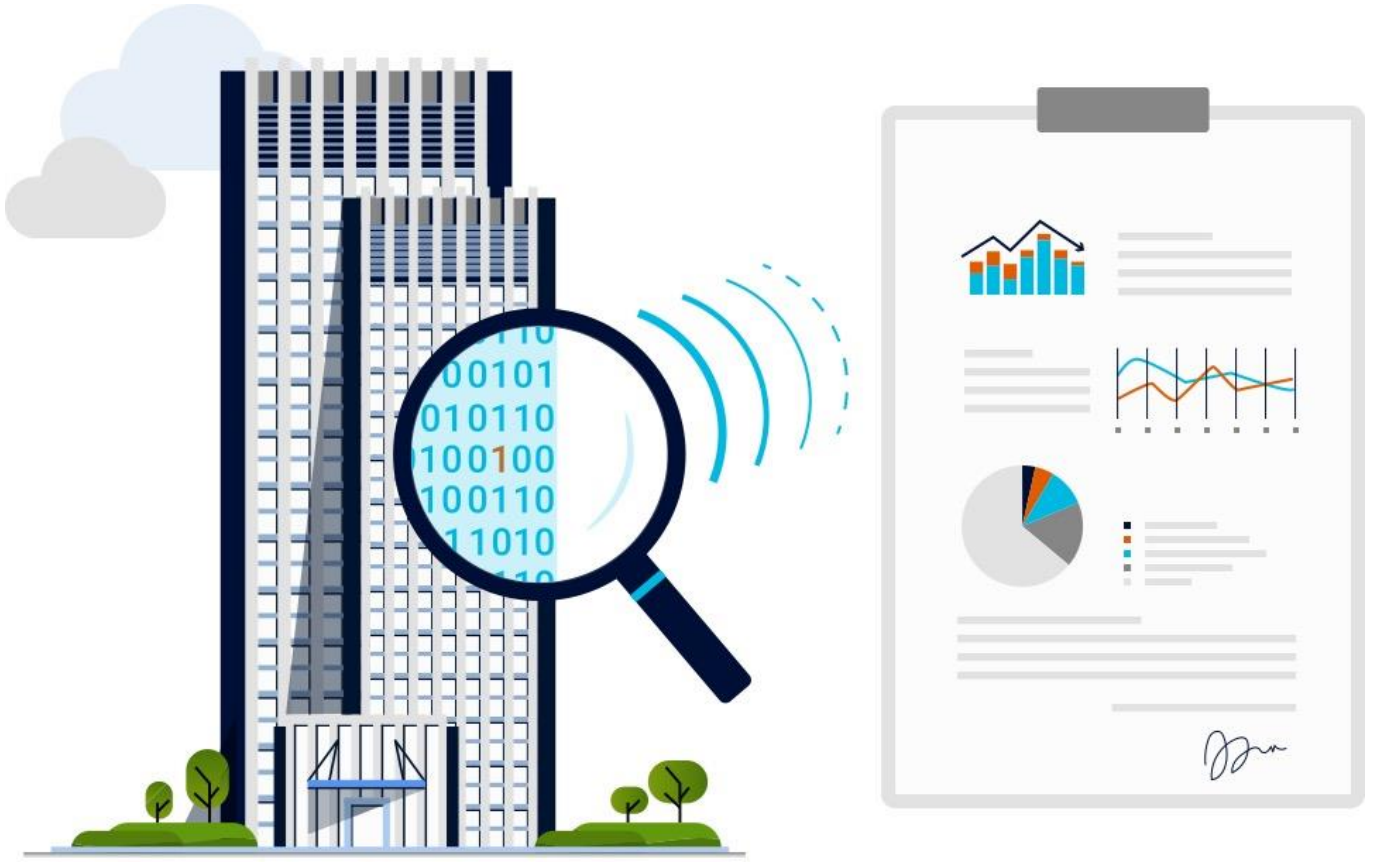
OR

  - shared savings model dividing savings as 50/50.

Unique Value Proposition

R8 Digital Operator is results driven SaaS!

- **Remote Set Up and no additional hardware**
- **Voluntary (no need!) for additional User's Interface**
- **Results instead of monitoring, analytics, consulting etc only**
- **Results oriented pricing and 100% money back guarantee**



R8 tech

Thank you!

We take your
building technical management
to the next generation!

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