



Nuvap®
HEALTH IS IN THE AIR

NUVAP PROSYSTEM SOLUTION | March 2021

“We have ten years to transform the world”

(Source: 2020 sustainability trend)



The global call to action towards a sustainable and healthy approach is getting louder and clearer.



Indoor air quality (IAQ) is high on the agenda and closely linked to the key themes:

- **Health & wellbeing**
- **Sustainable cities and communities**
- **Emissions control and energy efficiency**

COVID-19 drove attention on Indoor Air Quality (IAQ).



Nuvap is the key partner for all the organisations that want to achieve a healthier indoor space via air quality management.

Nuvap solution is based on a cloud platform ingesting data from integrated multi-sensor devices and providing a portfolio of digital services





Nuvap solution fully responds to key market drivers

REAL ESTATE



- Tenants' satisfaction
- ESG Policies
- Green and wellbeing certifications



Health & Well-being are emerging metrics in Real Estate value assessment (i.e. GRSB Real Estate Assessment 2019)

CORPORATES – TENANTS

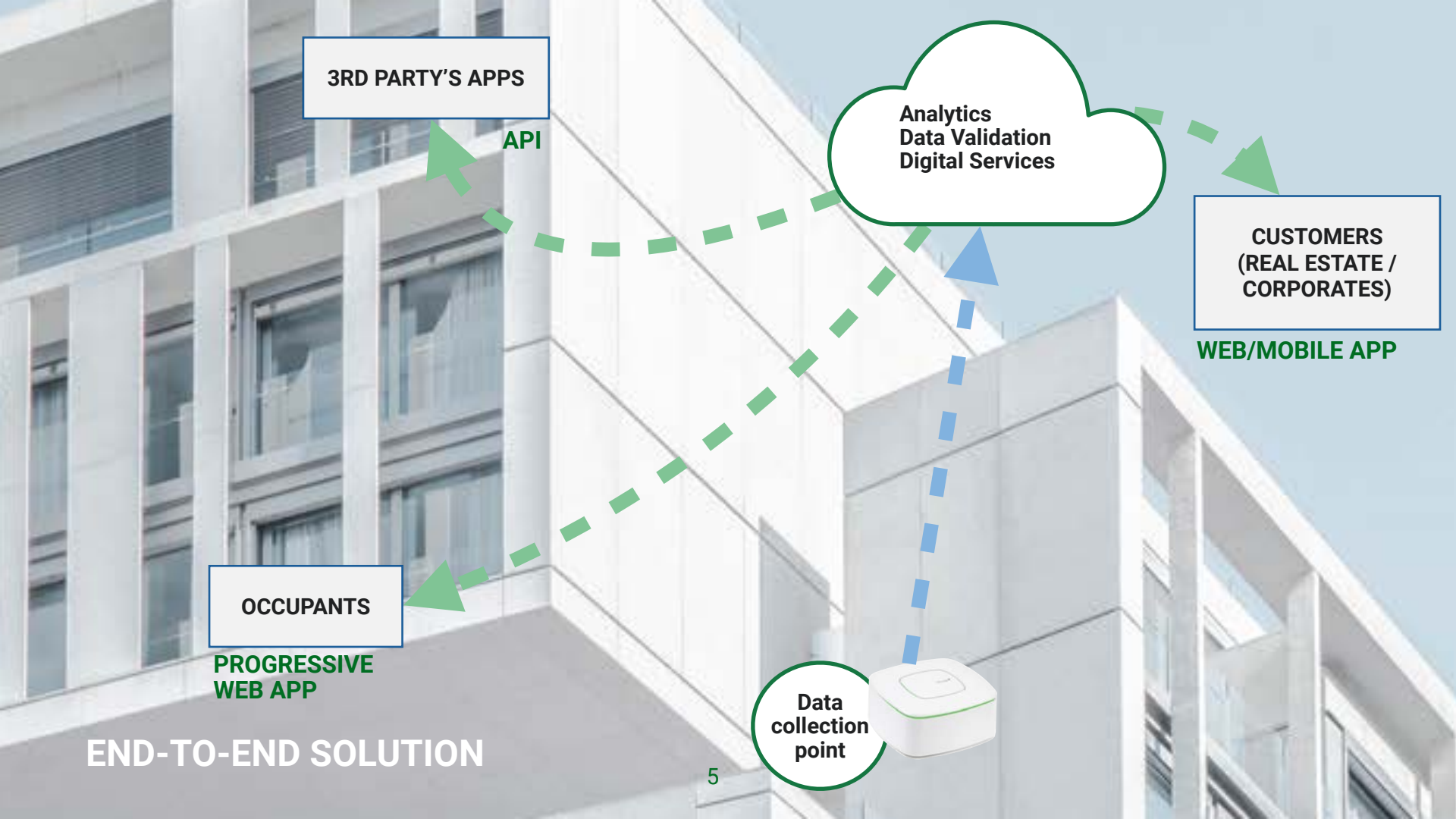


- Employees & Occupants' Health & Wellbeing
- Higher Productivity
- Reduced absenteeism and healthcare costs
- CSR
- Welfare

PROPERTY & FACILITY MGRS



- Building management and maintenance optimisation
- Energy management optimisation
- Reporting
- Certifications
- Services to Tenants



END-TO-END SOLUTION



Why Nuvap?

B2B/B2B2C ONLY

DESIGNED TO
BE INTEGRATED
IN 3RD PARTY
SOLUTION

NO E-
COMMERCE

END-TO-END SOLUTION

HW
DATA COLLECTION
& ANALYTICS

MULTIPLE
VISUALISATION/
REPORTING TOOLS

BROAD PORTFOLIO

FUTURE-PROOF
ROADMAP

INTERNATIONAL PATENT

Device and
Method for
dynamically
measure
environmental
quality factors

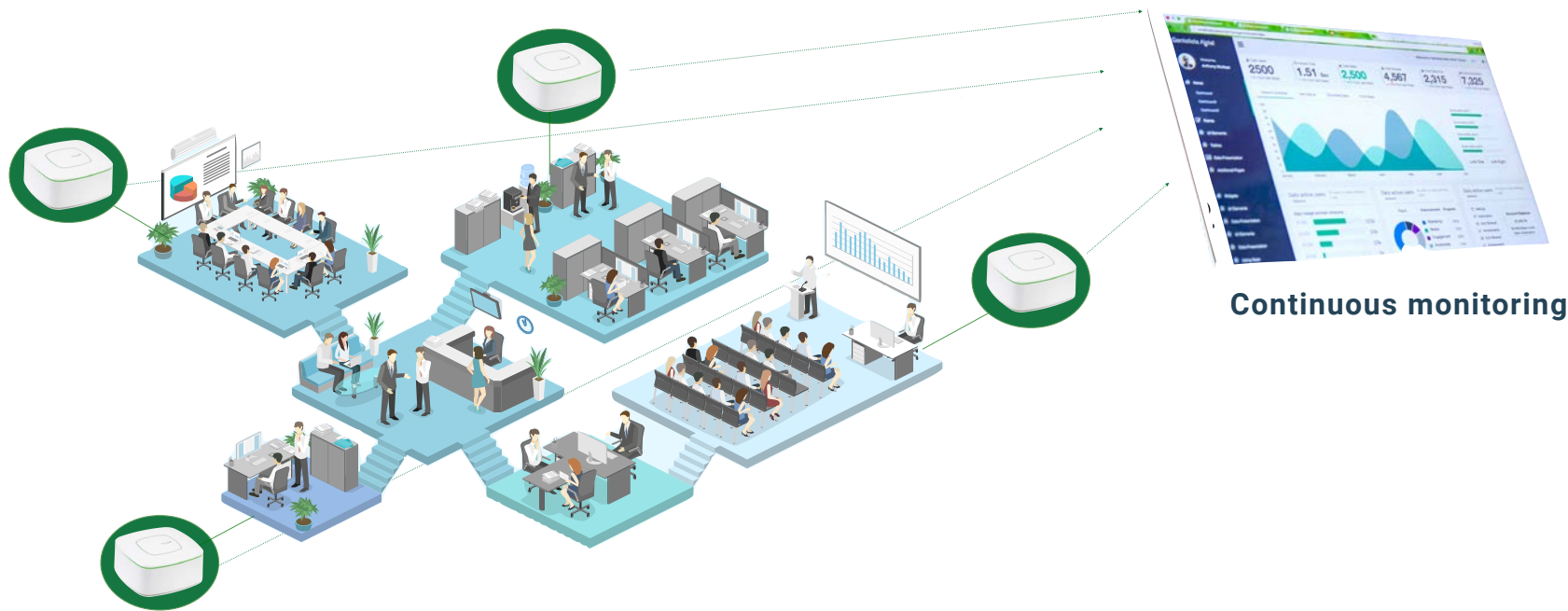


**KNOW MORE
ABOUT NUVAP PROSYSTEM SOLUTION**



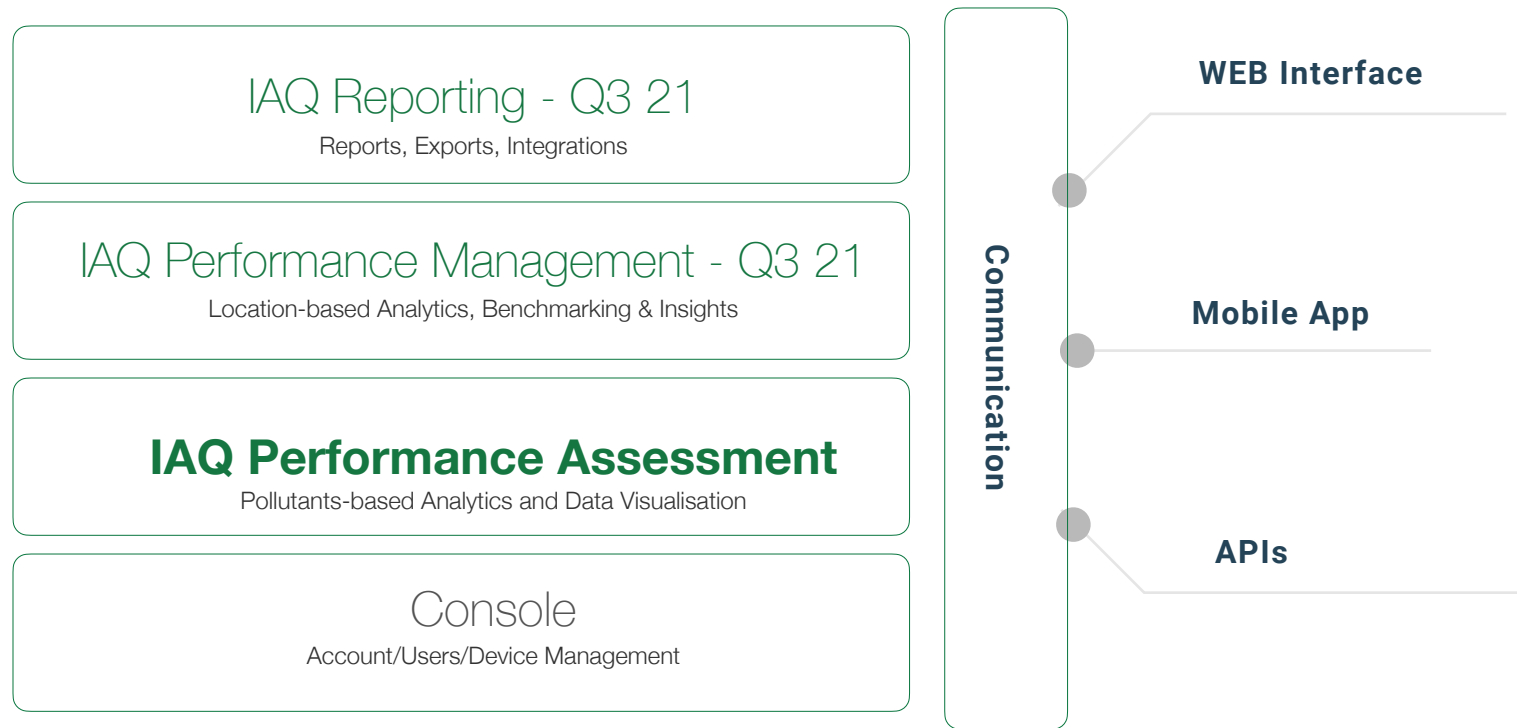


The IAQ Management Solution





Services' portfolio





The devices' portfolio



N2Health

Factors

TVOC, CO₂, PM₁,
PM_{2.5}, PM₁₀, CO,
CH₂O, NO₂, O₃, T, H

Connectivity

2g/3g/4g
WiFi

Installation

Desktop



NxRadon

Factors

Radon, T, H

Connectivity

WiFi
2g/3g/4g (ready)

Installation

Desktop



N2Smart

Factors

TVOC, CO₂, PM₁,
PM_{2.5}, PM₁₀, T, H

Connectivity

WiFi
2g/3g/4g (ready)
Zigbee (ready)

Installation

Wall
Desktop

Appendix - Real Estate



Non-digital and Digital trends are disrupting Commercial Real Estate Industry.

NON-DIGITAL TRENDS

Office buildings have been moving mainly downtown in the central business districts: old buildings are modernised and new, high-tech buildings are built.

Several working spaces are redundant because of remote working. Co-working concepts have been widely implemented.

The focus shifts from the building to the people. Sustainability programs (including certifications) promote Health and Social Impact and they are pivotal for corporates and real estate owners. Pandemic accelerates some of the existing trends.

DIGITAL TRANSFORMATION

Digital transformation is supporting the development of High Performing Buildings and Indoor Air Quality is an important metric to measure Buildings' performance.

It is also disrupting the Real Estate business models (Real estate as a Service) and the value chain (enabling the entrance of new players and opening new possibilities to capture value).

There is a new direct relationship between the real estate owner and the occupants.

RE SUPPLY CHAIN DYNAMICS

The existing players active in the indoor air quality market (smart building) are incumbents offering basic services in closed systems (Honeywell, Siemens, Schneider Electric).

New comers - as Nuvap - focus on cloud-based ecosystems and enable customers to avoid the vendors' lock-in. Cloud-based systems are better solution for existing buildings and retrofit projects, because of their flexibility.

Digital Services enable direct tenants/ occupants' engagement.



Nuvap wants to partner with the organisations willing to achieve a healthier indoor space via air quality management.

In terms of Indoor Air Quality management the existing real estate assets are underserved or unserved.

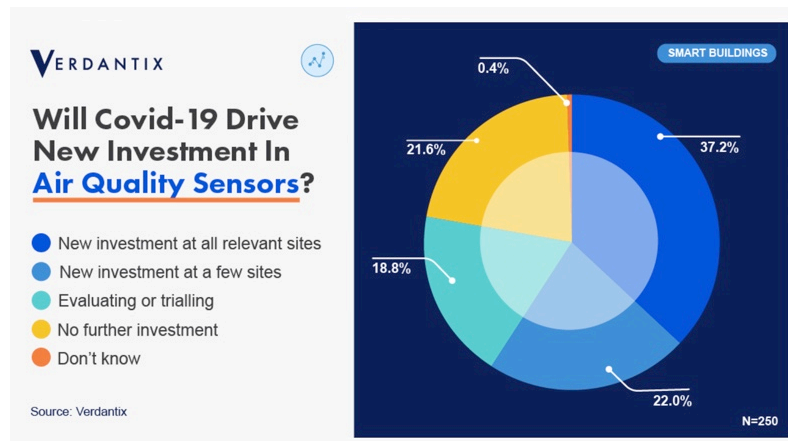
Analysts demonstrates a €200 per sq.m cost premium for Healthy Buildings' tenants (utility and maintenance savings, productivity increase, retention, and wellbeing benefits)

Organisations embrace changes and real estate operators need to adapt business models and delivery systems accordingly.

Sustainability and social impact are emphasised after the pandemic, but incumbent smart building vendors are slow to adapt their offering.

Nuvap wants to provide the best possible digital IAQ solution for the real estate operators and their customers.

Nuvap solution will enable new business models for real estate operators (real estate as a service) and capture value in their value chain (simple system integration).





BUILDING
Domotics
Ventilation
Facility Mngmt
Sustainability
Rating
Certifications



PEOPLE
Health
Confort
Productivity
Social Impact
Risk Mitigation