



WHAT IS PREDICTIVE MAINTENANCE?

In a nutshell, predictive maintenance is a service that uses Al-based analytics to make predictive maintenance decisions for elevators, escalators, and automatic building doors. The predictive maintenance we have developed is called KONE 24/7 Connected Services.

The game-changing idea is to identify and fix potential issues before they cause problems. When irregularities are detected, a service call can be arranged automatically or the issue scheduled to be addressed as part of the next check-up.

All the valuable information that the service provides is shared in a customer online portal, so you always know what's happening—and what we have prevented from happening. The portal also helps you to make smarter decisions by providing useful information on the building and people flow.

"It's like having eyes on site in real time, around the clock. You know exactly what's going on with each unit without having to be physically present." Jerry Mansner Service Technician, KONE Finland

KEY FEATURES OF PREDICTIVE MAINTENANCE



AROUND-THE-CLOCK MONITORING

Al keeps a constant eye on how your equipment is performing.



INTELLIGENT ANALYSIS

Intelligent technology analyzes maintenance needs and detects potential problems before they cause disruption.



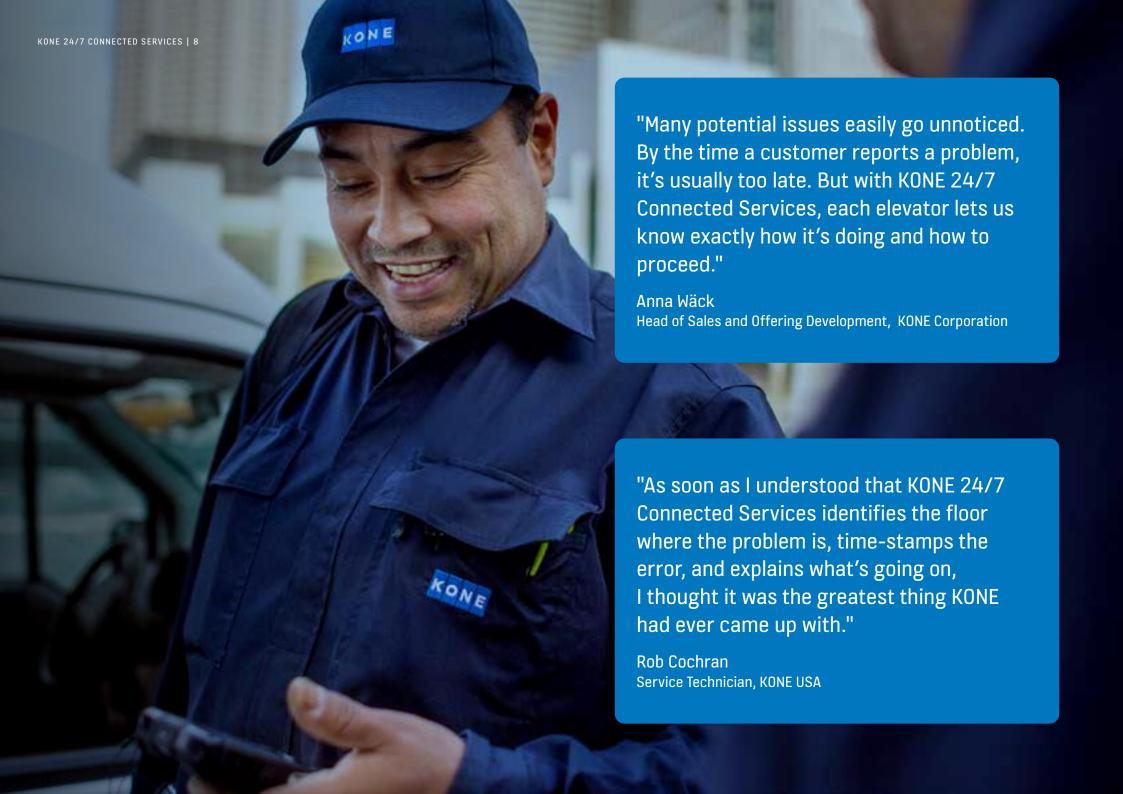
TIMELY ALERTS

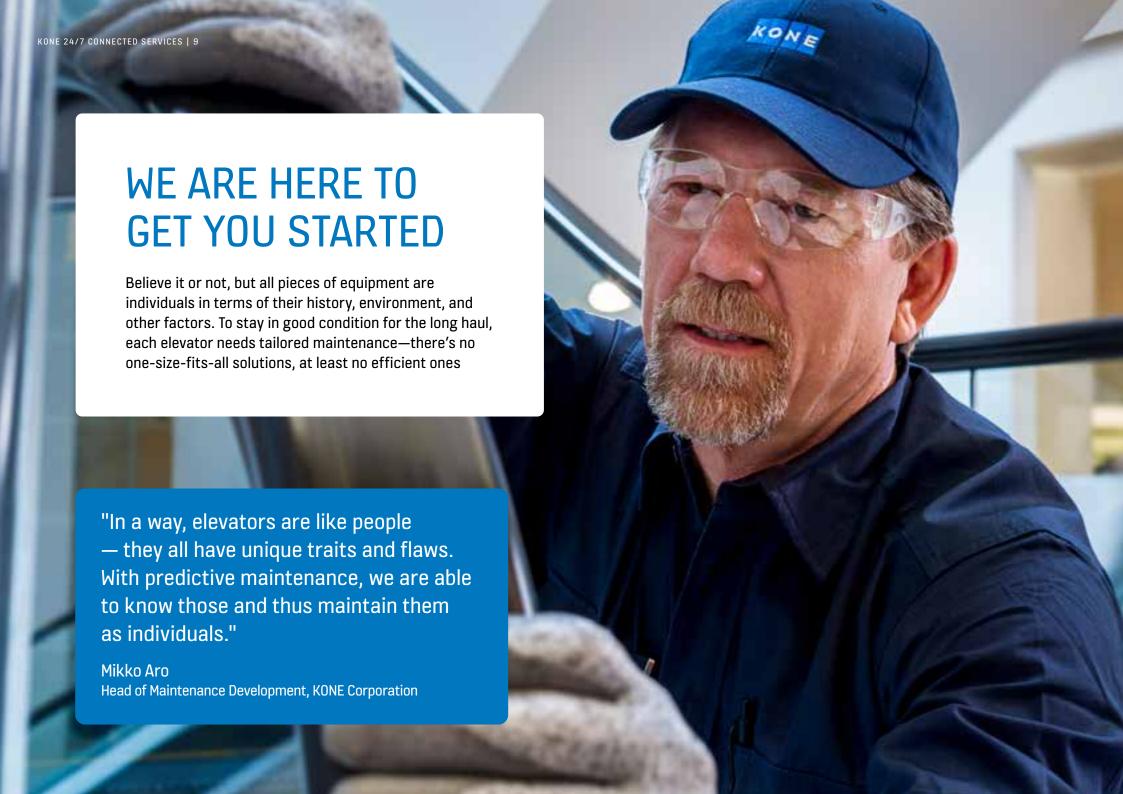
Technicians get the right information at the right time to help them fix problems fast.



CLEAR REPORTING

You will be kept fully informed about all the work that is done as well as the outcome.





IT'S PREDICTIVE AND SMART. BUT WHAT DO I GET OUT OF IT?

In short, KONE 24/7 Connected Services brings added value to your building. Having potential issues tackled before they become actual problems means taking the next step into the future. The benefits include better user experience, returning customers, smooth people flow even during peak hours, guaranteed safety and reliability when it counts, and peace of mind for you. With access to up-to-date data, you can also make better investment decisions and optimize resource allocation. What's more, without major breakdowns your equipment will last longer.

With a combination of our dedicated specialists and cutting-edge technology, KONE 24/7 Connected Services secures people flow, enhances user experience, prevents breakdowns, and keeps you ahead of your game.

That's what we call URBAN LIFE – UNINTERRUPTED.

MORE VALUE TO YOUR BUILDING

PEACE OF MIND FOR YOU AND THE END USERS:

24/7 monitoring enhances the safety of your building and helps everything run smoothly—leading to more satisfied users.

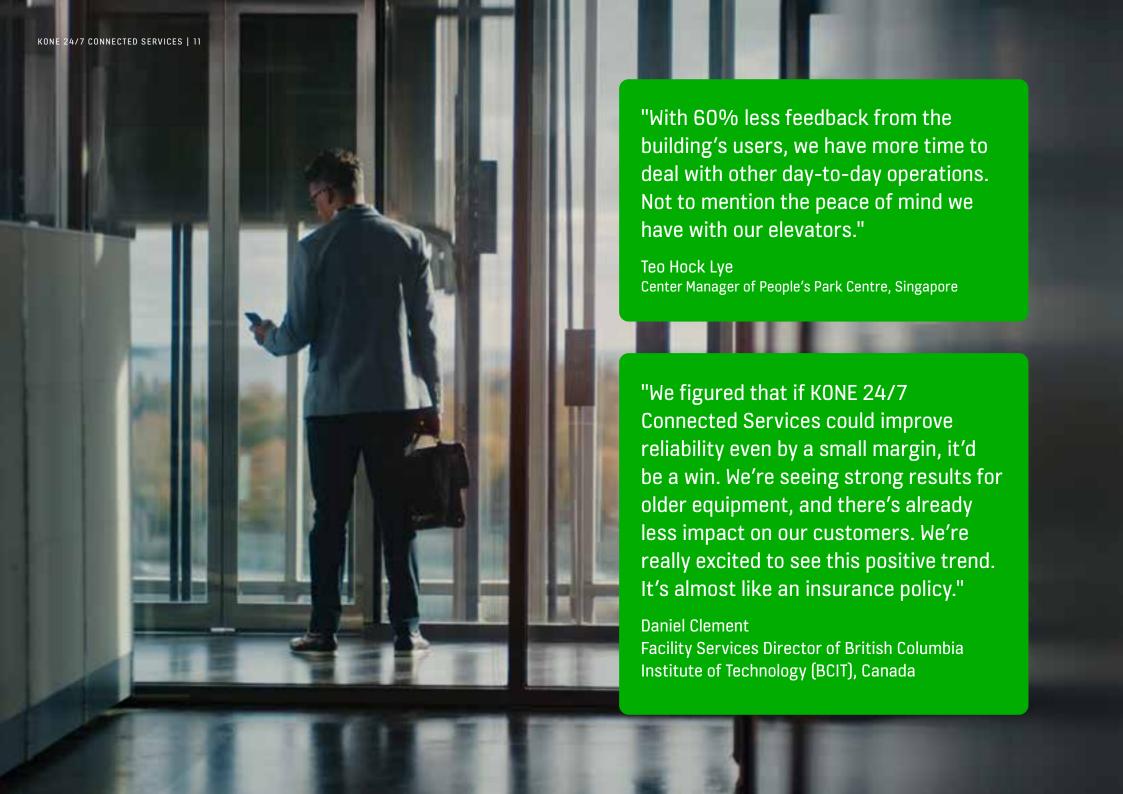
EFFICIENT BUILDING MANAGEMENT:

Preventive maintenance saves you time, provides you with all the data you need, and cuts the facility managers' workload.

BETTER BUSINESS:

Addressing potential problems early results in longer-lasting equipment and fewer costly faults, and enables you to better plan ahead.

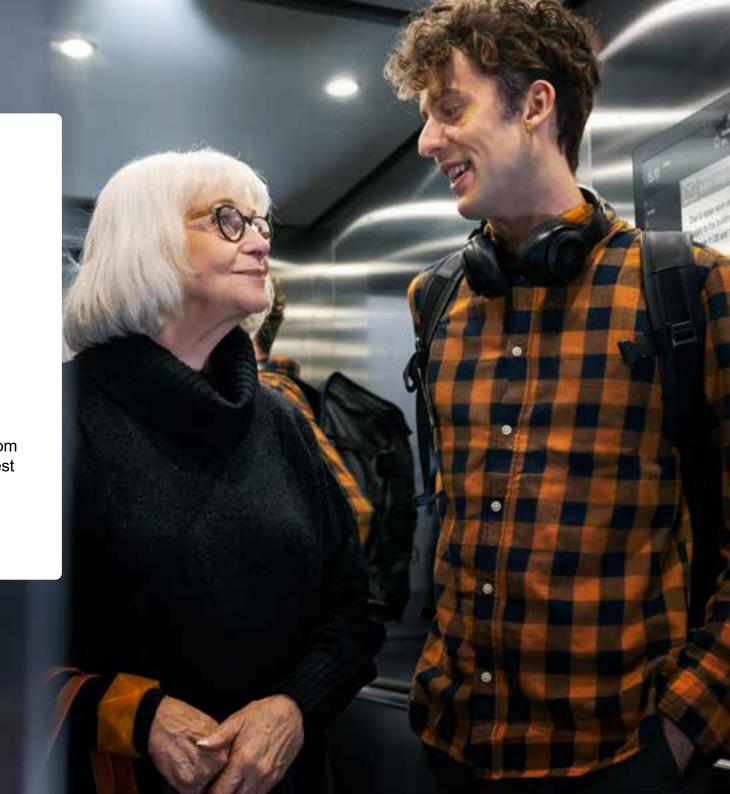
The outcome of 24/7 specialist service combined with cutting-edge technology is a functioning building with happy end-users.





HOME IS WHERE THE RELIABLE ELEVATOR IS

When it comes to different areas of life, home is the most important one. There's no compromising on safety and convenience. Everyone expects their home to be a sanctuary, free from hazards and hassle. Even the slightest problem may cause a crack in this sense of security.

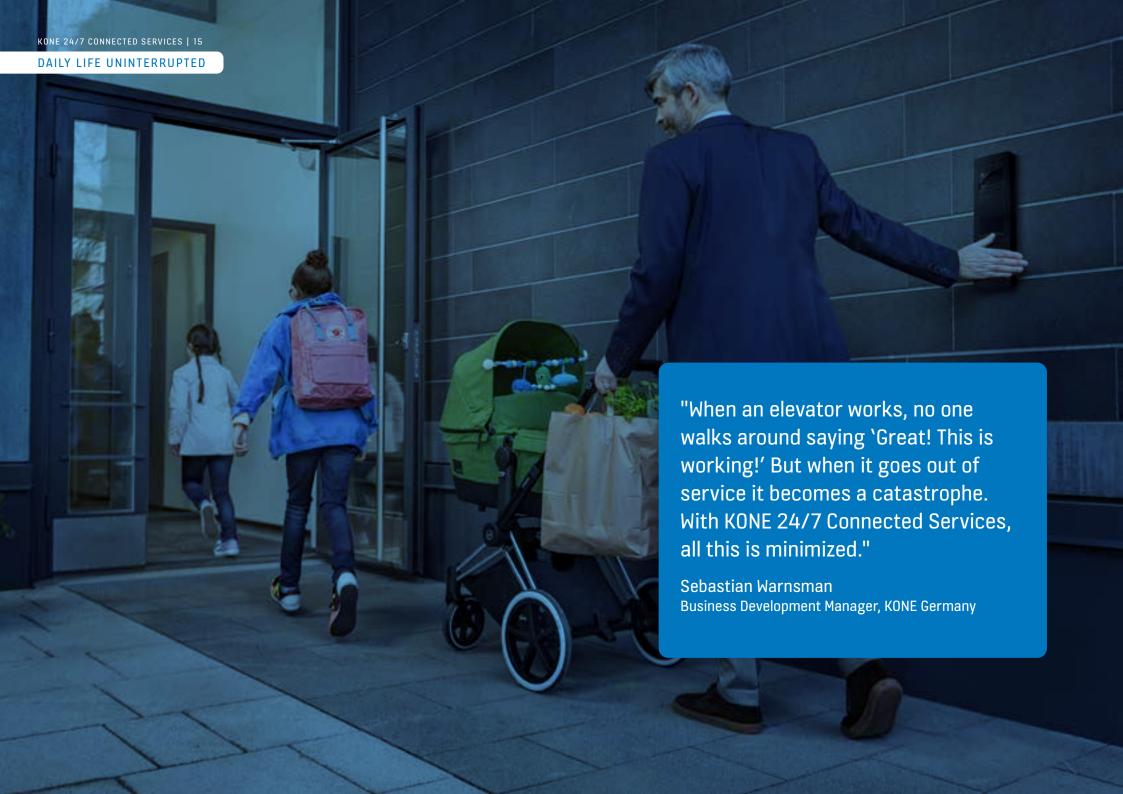


PREDICTIVE MAINTENANCE FOR RESIDENTIAL BUILDINGS

- SAFETY AND CONVENIENCE FOR RESIDENTS:
 Avoid unpleasant surprises and maintain a sense of security.
- FEWER CUSTOMER CALLS, FEWER COMPLAINTS: 24/7 monitoring coupled with preventive maintenance reduces call-outs by on average 28% and keeps your residents satisfied.
- EFFICIENCY AND READINESS:
 Automatic issue reporting saves time and keeps you up to date and able to address residents' questions.
- PROLONGED ELEVATOR LIFETIME:
 Tackling problems early helps to avoid damaging breakdowns.

A functioning building with happy residents backed up by cutting-edge technology means MORE VALUE FOR YOUR BUILDING





TOWARD HAPPIER LIVING

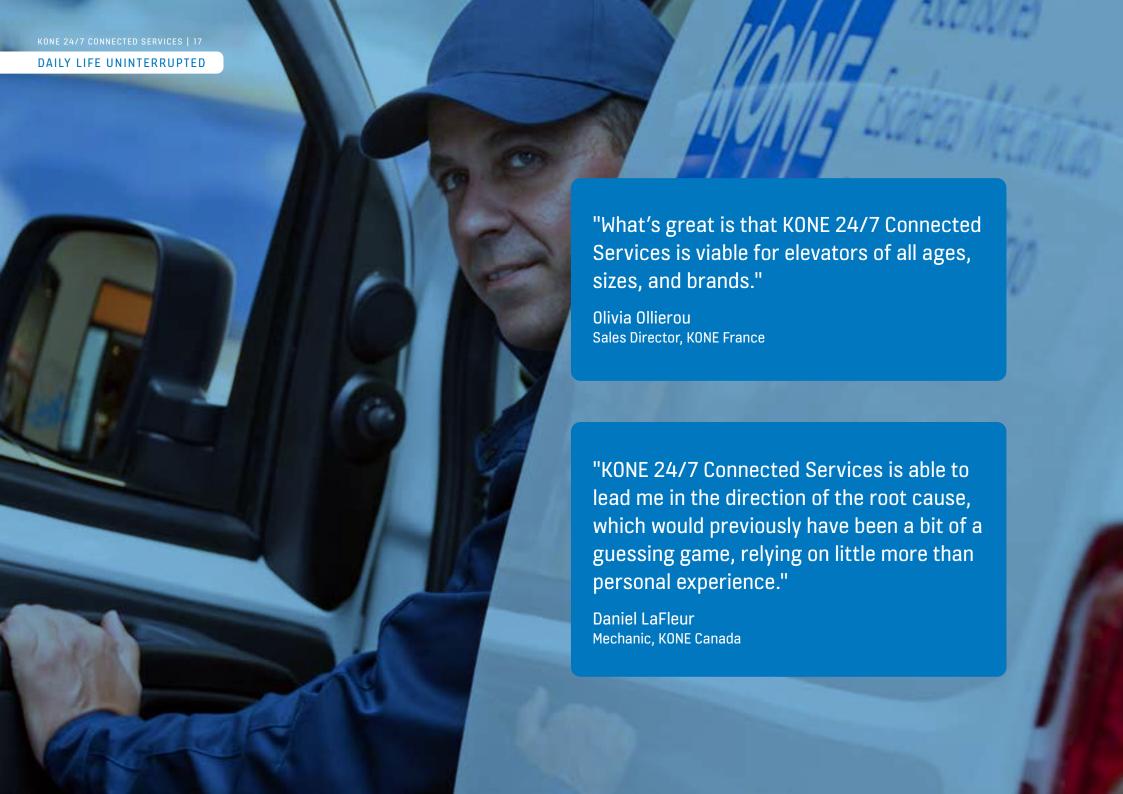
Instead of constant "Out of order" notices, keeping tenants happy by making sure everything works without hiccups goes a long way.

The smartest and most foolproof way to achieve all this is a predictive maintenance system.

Powered by around-theclock automatic AI, it is able to detect issues before they become real problems. In other words, it will help to tackle even the slightest of glitches without your tenants even noticing them. Fewer service calls, fewer problems, happier living. Predictive maintenance also automatically schedules maintenance calls and provides automatic issue reporting, so that the facility managers always have upto-date information for the tenants when needed.

What does this mean in terms of building value?

With more accurate data, more cost-efficient decisions can be made. Furthermore, predictive maintenance prolongs elevator lifetime and prevents unplanned callouts. Last but certainly not least, cutting-edge tech features attract new tenants.



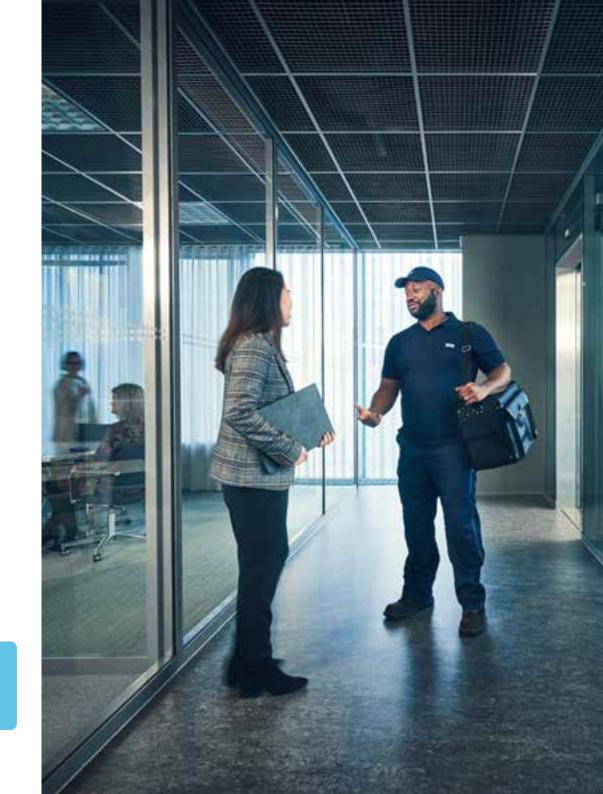


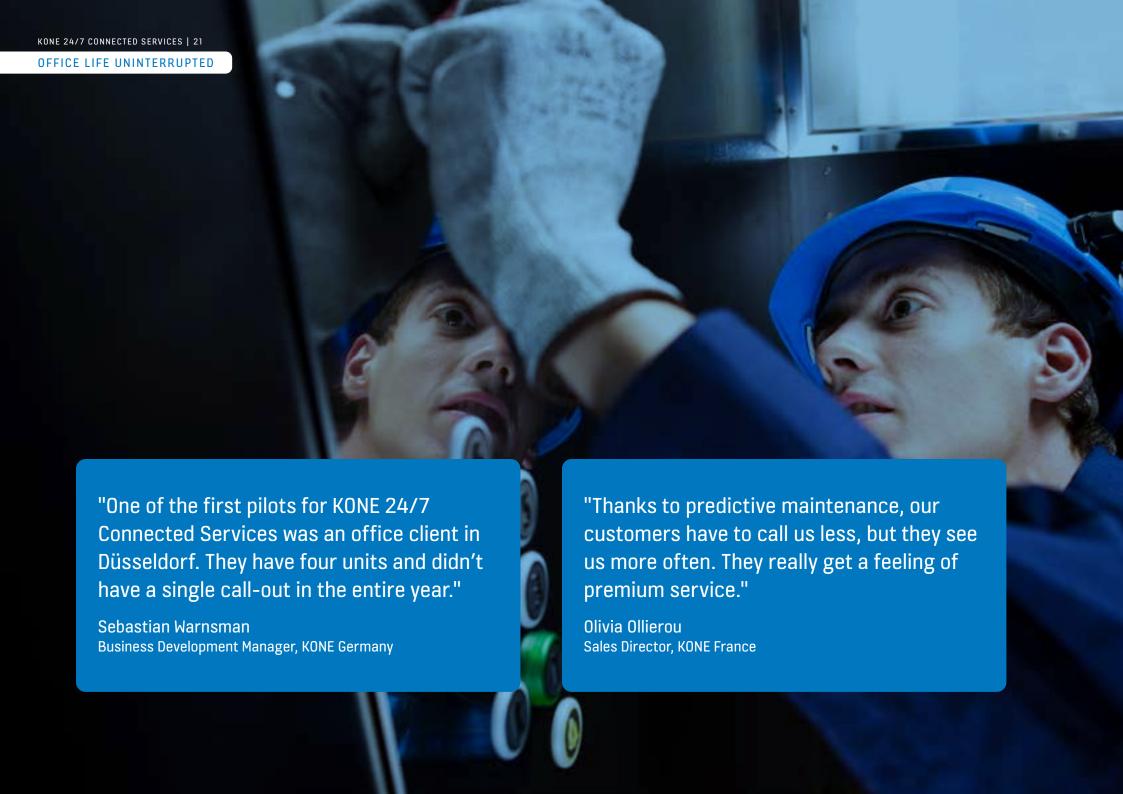
PREDICTIVE MAINTENANCE FOR OFFICES

- FEWER DISRUPTIONS, GREATER PRODUCTIVITY: Significantly reduces disruptions, thus securing people flow and enhancing safety around the clock—including during busy peak hours.
- MEET AND EXCEED EXPECTATIONS:

 By providing reliability, predictive maintenance helps you to keep up with the ever-growing requirements of modern business.
- PROLONGED EQUIPMENT LIFETIME:
 Tackling problems reduces costly breakdowns and increases the lifetime of your equipment.
- TIME SAVED:
 Automatic reporting, analysis and ordering maintenance calls means quicker recovery and fewer complaints from workers and tenants.

Smart features attract new tenants, enhance the building's image and increase the property value. MORE VALUE TO YOUR BUILDING.





KEEP UP WITH THE CHANGE

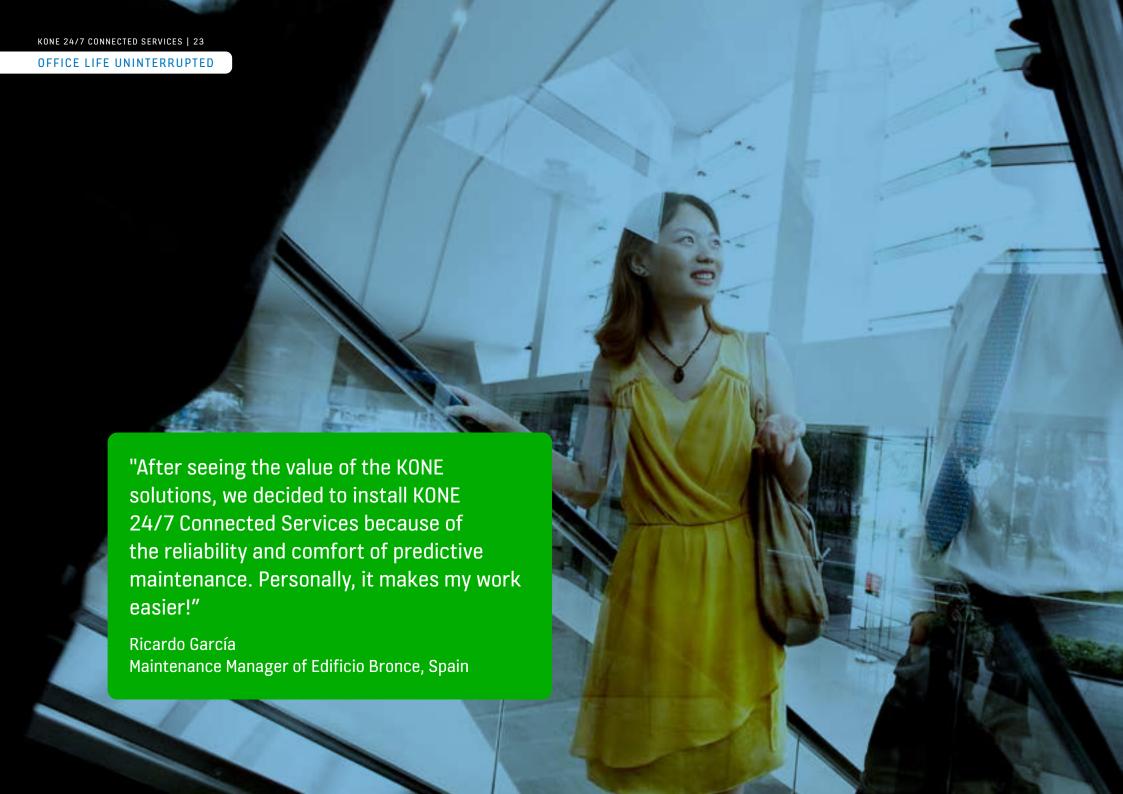
In an office, every day is different, and that goes for people traffic as well. Some days are calm, while others are as busy as they can be. That's why even minor problems with the equipment can cause substantial jams. To ensure a safe and smooth people flow on a greater scale,

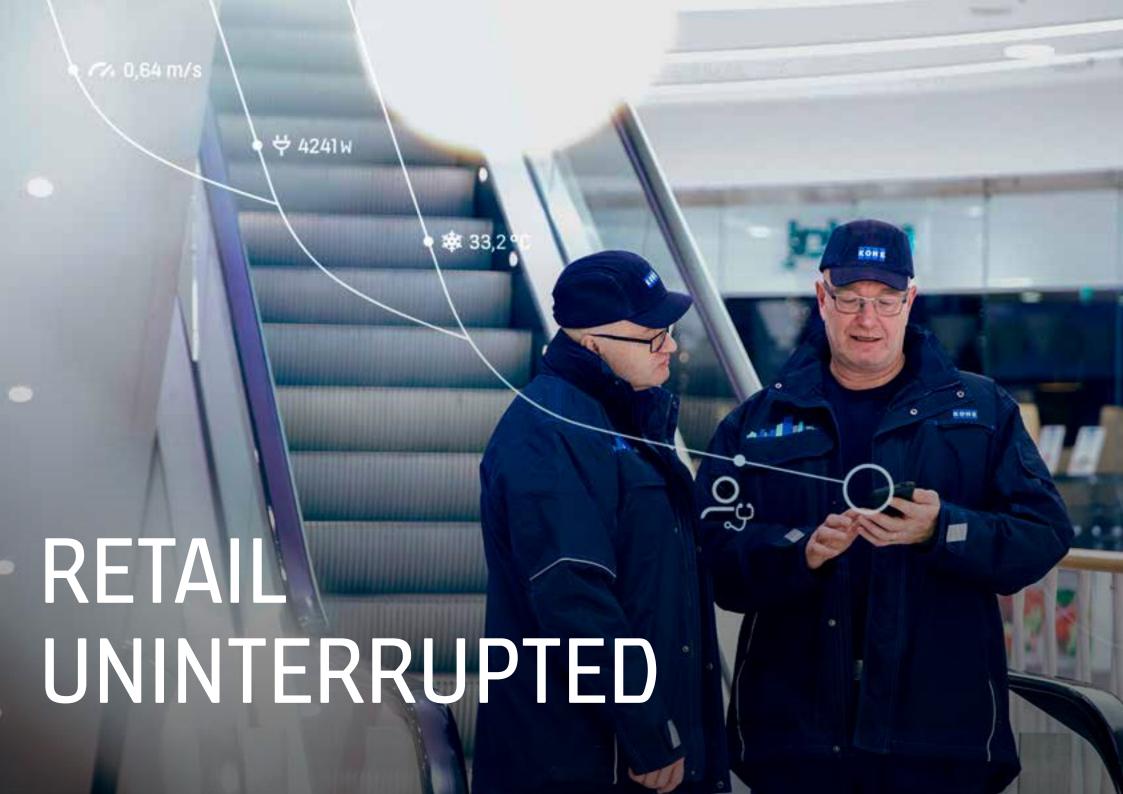
it's not enough to try and fix problems when they're causing trouble. To avoid things being out of order, an all-encompassing, preventive system is needed.

Predictive maintenance is an Al-backed system that gathers data from

your equipment, detects problems, and orders maintenance calls— perpetually learning from the data and improving its accuracy. Tackling issues before breakdowns is more cost-efficient, increases equipment lifetime, and, above all, helps you avoid elevator entrapments and

other inconveniences.
That's next-level
efficiency. With predictive
maintenance, your hightech building is up for
the challenges of today's
business and keeps your
visitors happy and thriving.







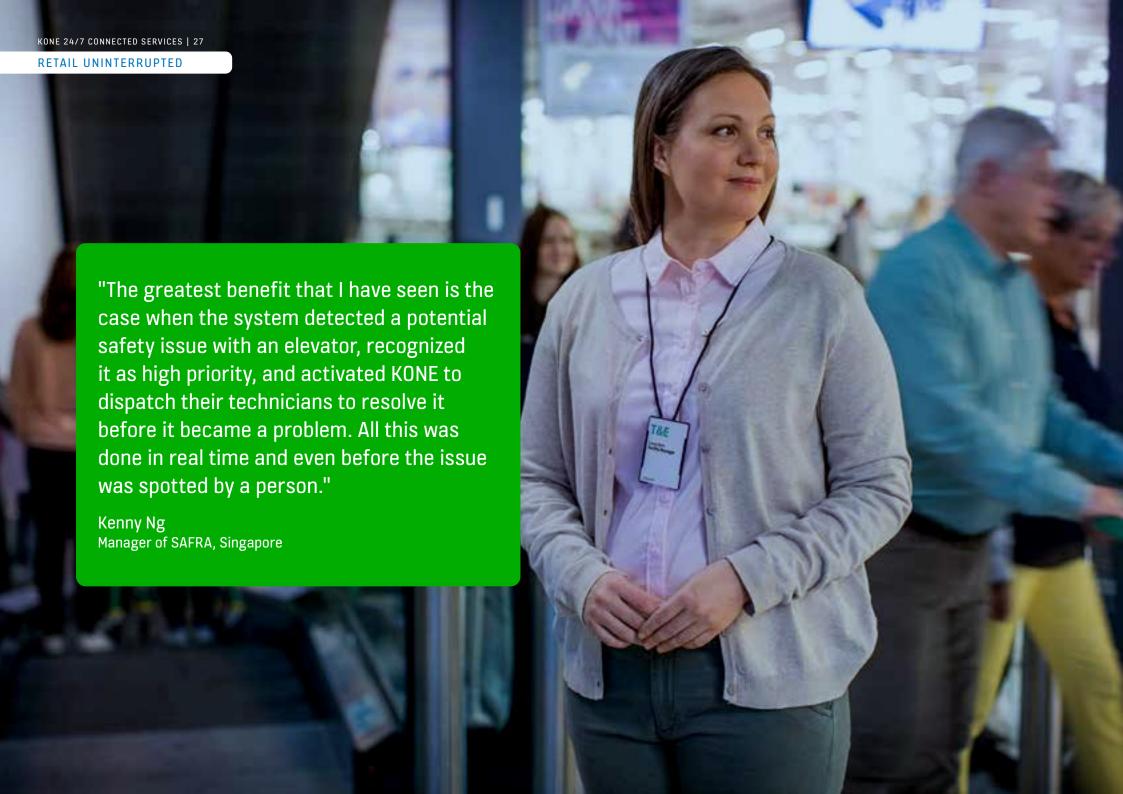
PREDICTIVE MAINTENANCE FOR RETAIL

- PEOPLE AND REVENUE FLOW UNINTERRUPTED: Fending off disruptions helps to secure people flow at peak hours and keeps visitors happy.
- FEWER BREAKDOWNS AND QUICK RECOVERY:
 As many as 50% of escalator stoppages can be solved with an immediate restart due to automatic reporting and analysis.
- DATA-BASED INVESTMENTS:

 Maintain the value of your property and increase its reputation and desirability in the future.
- BETTER REPUTATION AND ATMOSPHERE:
 Better accessibility and smoother customer journeys means good reputation and more customers.

Securing smooth customer journeys and a better user experience, and having better data at hand equates to BETTER RETAIL BUSINESS FOR YOU.





ENABLING A PLEASANT SHOPPING JOURNEY

Running a facility with huge people flows is no walk in the park when you want to offer a flawless shopping experience to the visitors. In such a multi-faceted and uncertain environment, having your equipment work immaculately is key. And what better way to do that than to ensure all goes well in advance, instead

of running around in crisis mode. This is where predictive maintenance comes in. It's a system that detects even the slightest irregularities and automatically arranges check-ups by technicians. That's how you tackle potential problems before they become real ones. That's how you secure an

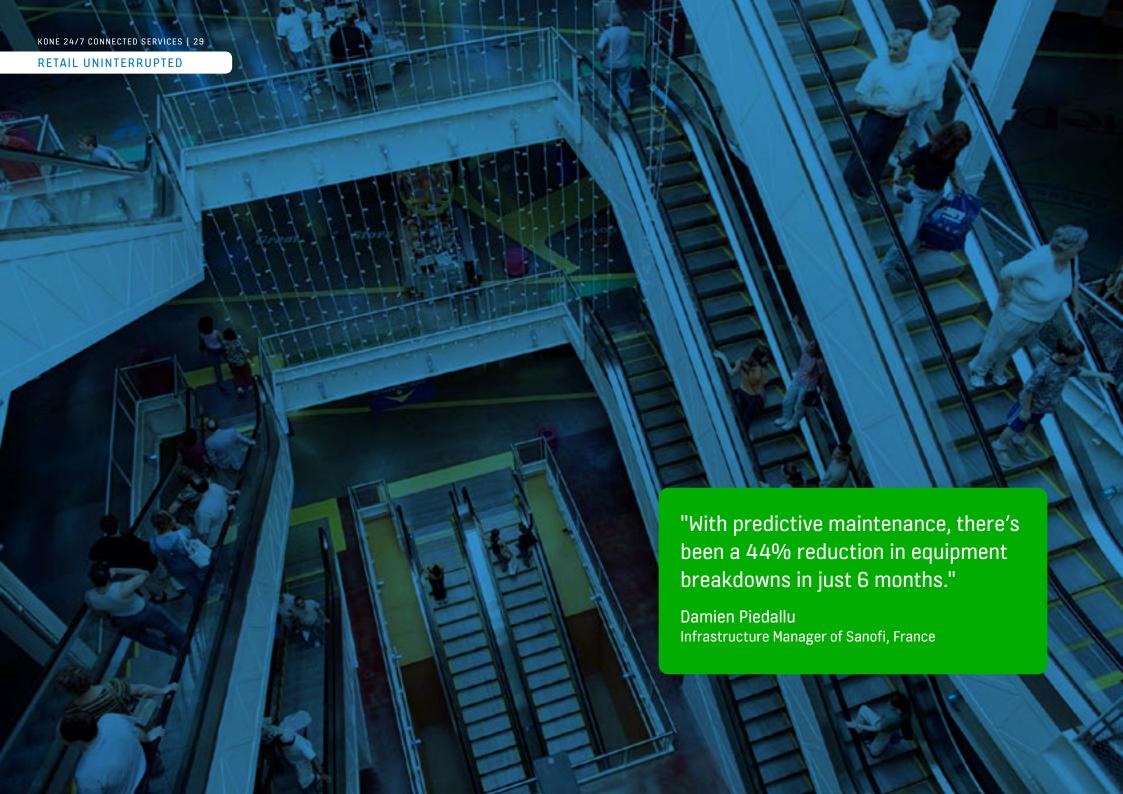
optimized customer journey without hiccups. After all, happier customers means better brand image.

Better data, bigger revenue

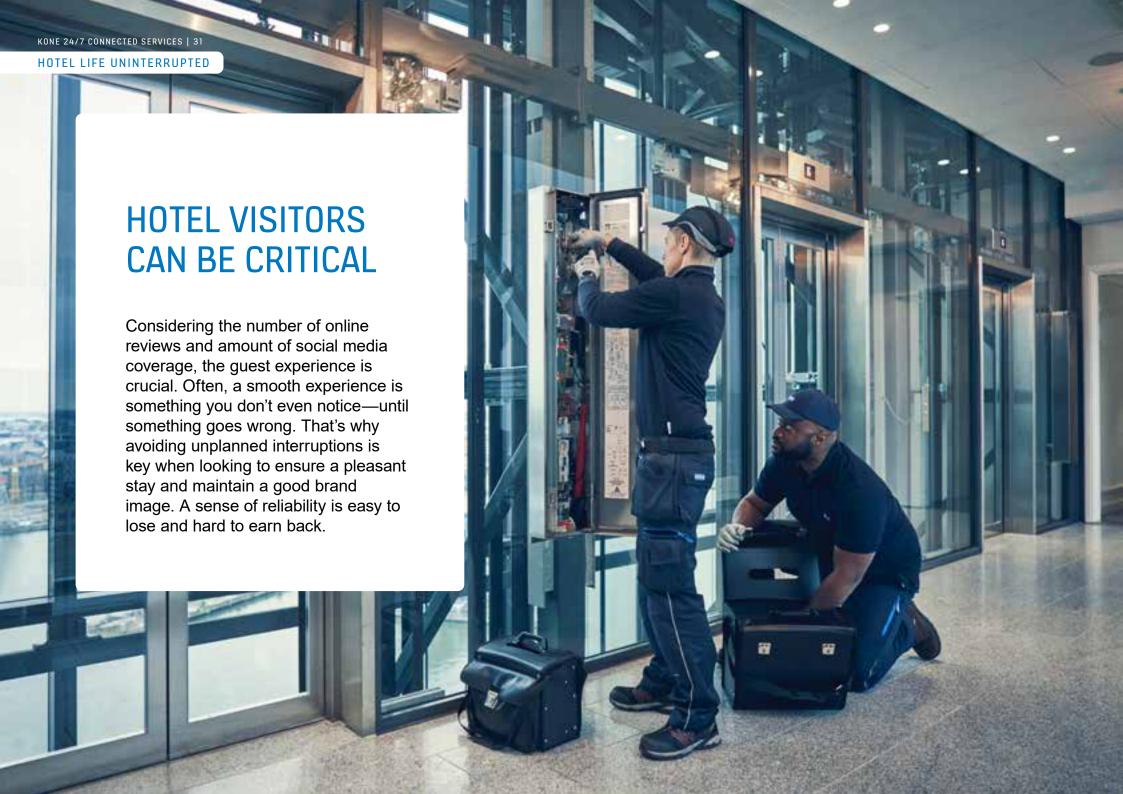
The heart of predictive maintenance is AI that gathers data from your

equipment and learns to get better at it. With up-todate data you can further optimize your people flow, make better-informed investments and cost allocations, and prolong the lifetime of your equipment.

In other words, it's better business for you.





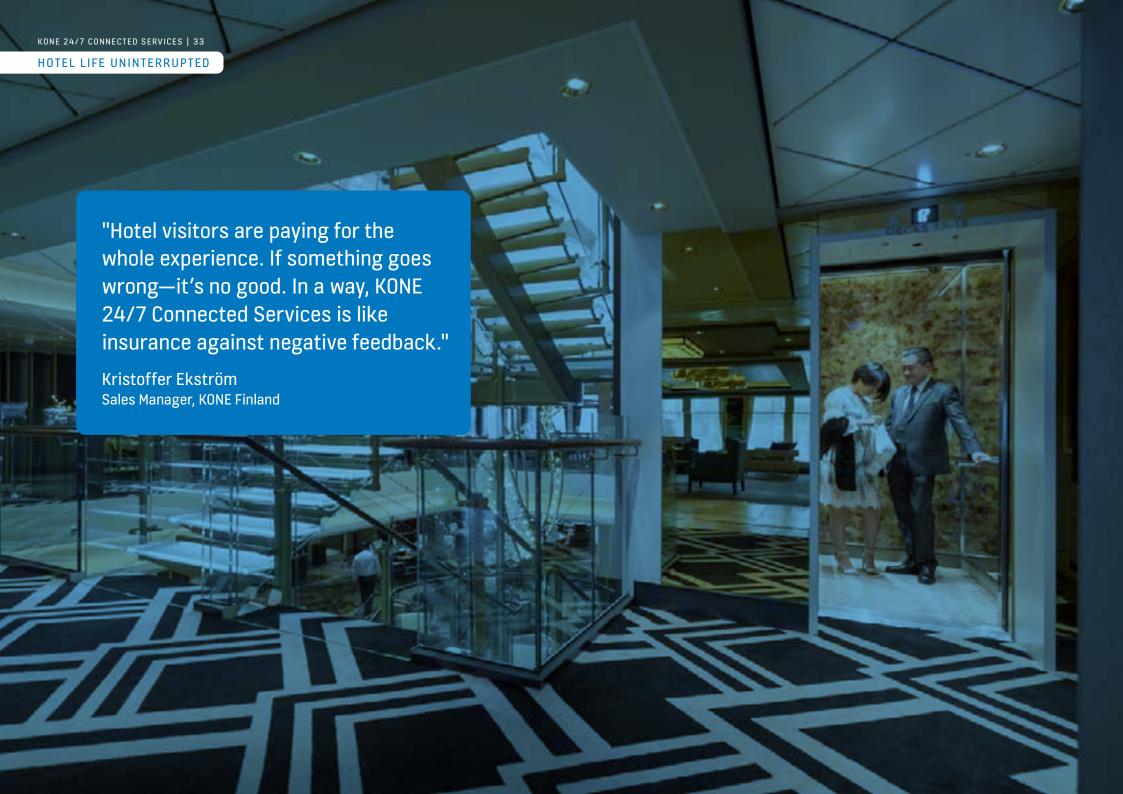


PREDICTIVE MAINTENANCE FOR HOTELS

- BETTER BRAND IMAGE:
 Avoiding major problems means improved customer experiences, better reviews, and, together with superior service, justifies premium room prices.
- 2 SMOOTH PEOPLE FLOW:
 Intelligent predictive maintenance reduces disruptions and improves people flow during peak hours.
- LESS DOWNTIME, FEWER COMPLAINTS:
 Automatic reporting and analysis of issues makes it possible to reduce downtime and guest complaints.
- OPTIMIZING THROUGH DATA:
 With cutting-edge data, it's easier to optimize people flow, prolong equipment lifetime, and make informed investment decisions.

Resulting in BETTER BUSINESS FOR YOUR HOTEL.





OFFER A 5-STAR ELEVATOR EXPERIENCE

In the hotel business, being able to provide a safe, convenient, and comfortable experience throughout the stay is all that matters. Ensuring that all goes well is especially challenging during peak hours, such as evening check-ins and morning check-outs. That's why an intelligent system that predicts and tackles

problems beforehand is the only way to keep that people flow up and running.

With predictive maintenance, at KONE we can monitor and prevent potential disruptions at your facilities. Thanks to advanced AI, you'll have the most accurate and nuanced data at your

disposal, so you can plan ahead and stay in the know about the performance and challenges of your hotel building, resulting in prolonged equipment lifetime.

Optimizing people flow and preventing defects have never been more important. It's a challenge that requires cutting-edge technology and data processing, backed up by experts, people dedicated to keeping your processes running with minimized downtime.

Delightful customer experiences mean better reviews and, at the end of the day, better business for your hotel.





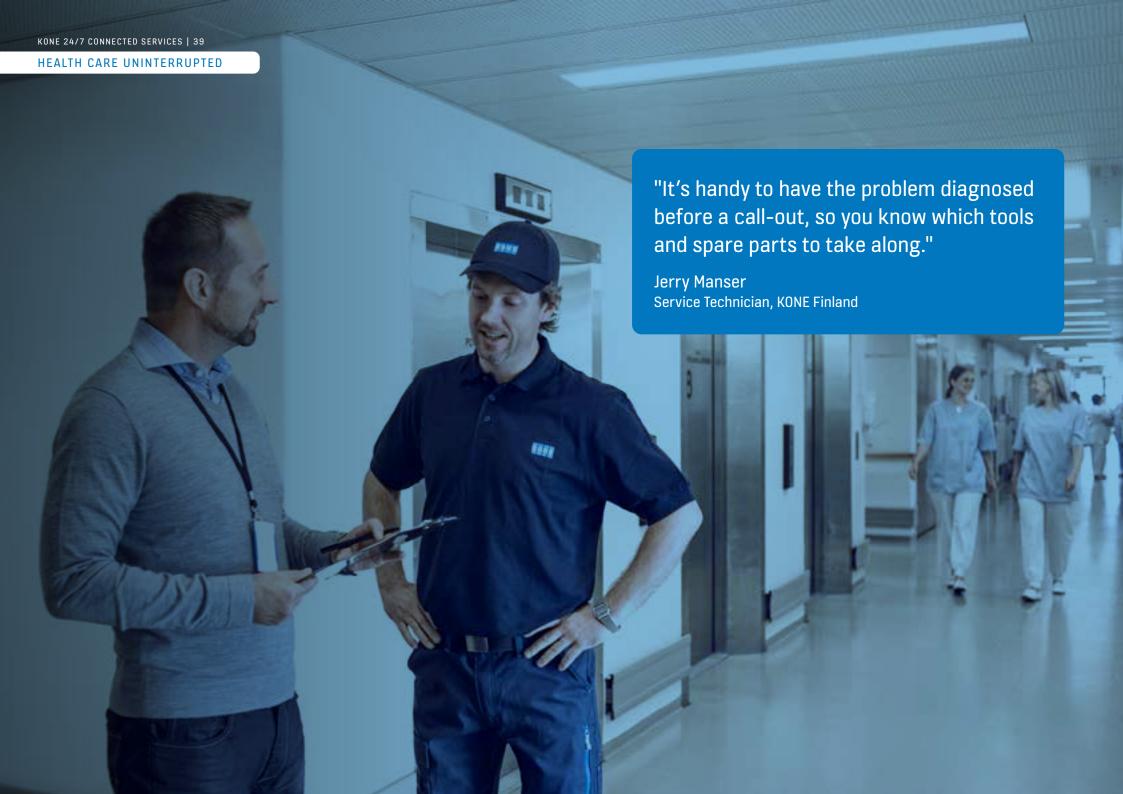


PREDICTIVE MAINTENANCE FOR HEALTH CARE

- ACCESSIBILITY:
 Enhancing safety by ensuring that critical equipment is available in an optimized way.
- SAFETY:
 Preventive maintenance helps to avoid breakdowns, securing patient and visitor flows at all times.
- EFFICIENCY AND READINESS:
 Automatic issue reporting saves time, keeps you up to date about your building, and gives both visitors and patients peace of mind.
- PROLONGED EQUIPMENT LIFETIME:
 Early tackling of problems avoids damaging breakdowns and results in longer-lasting equipment and money saved.

A trustworthy system enhances safety and predictability for patients, visitors, and staff alike.
MORE VALUE TO YOUR BUILDING





PROVIDING RELIABILITY WHERE IT MATTERS

In life and death situations, there's no room for equipment malfunctions. The elevators cannot get stuck; people cannot be left waiting at any time.

This is where predictive maintenance comes in. The beauty of the system is that learning AI can gather data from your equipment and detect even the smallest

glitches before they start becoming real problems with dire consequences.

Based on the data, the technicians can fix possible issues before they cause any major problems, and thus ensure that all critical parts of your operations stay intact no matter what. That's uncompromised safety and uninterrupted

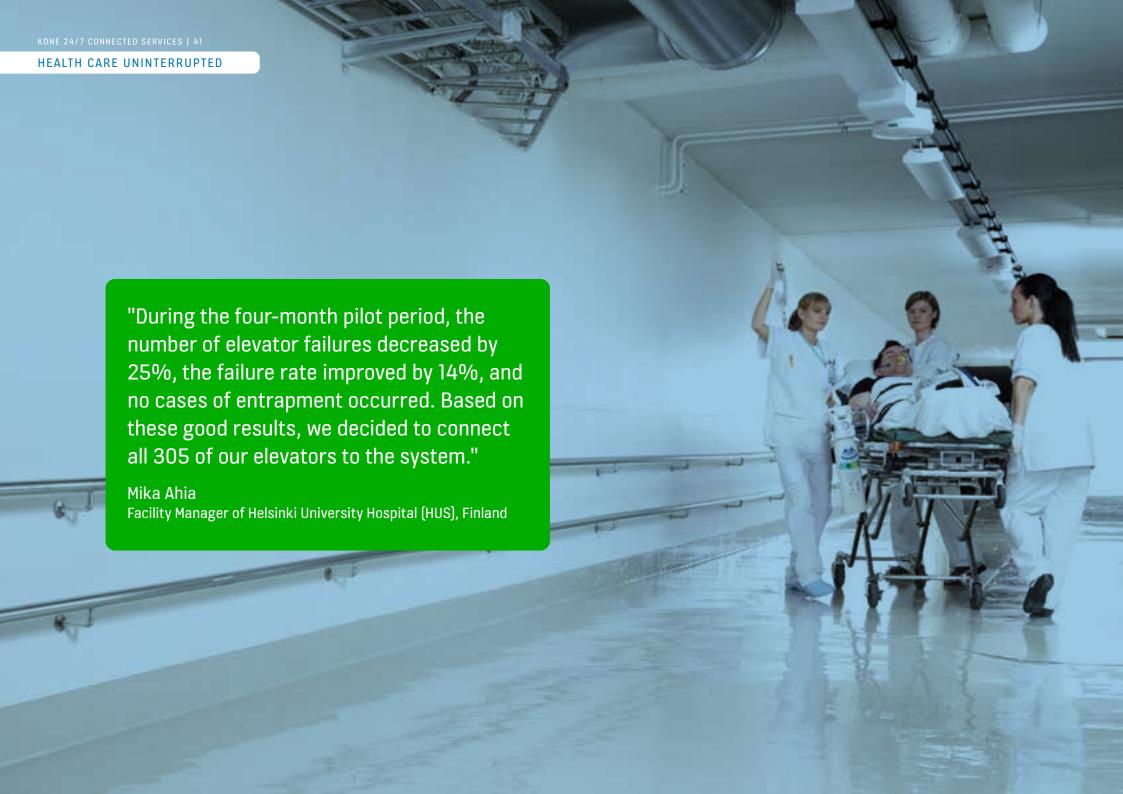
health care for your facility.

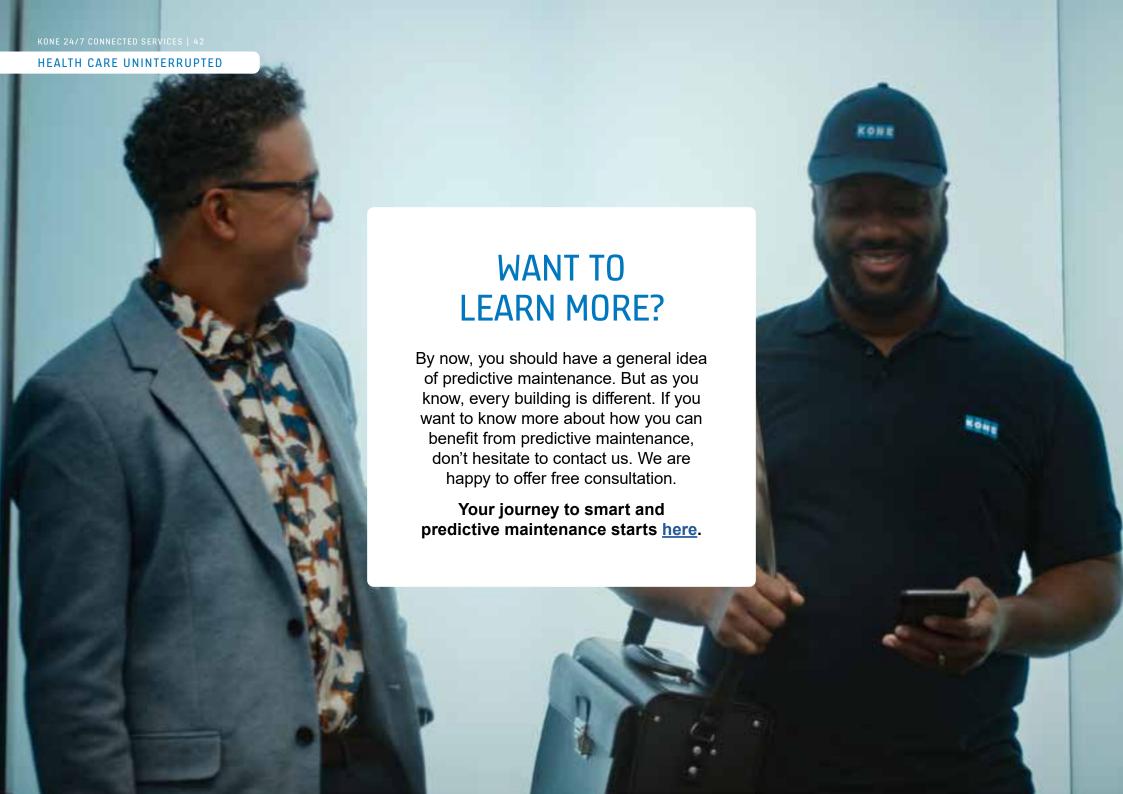
A more humane service

Apart from actually saving lives, having your operations run smoothly and uninterrupted means that patients and their families feel more secure and at ease. You can also make sure visitor flows

and other usage don't impact patient flow and evacuations, which makes the life of your medical staff much easier too.

Predictive maintenance means uninterrupted operations in a sector, where there's no room for interruptions.





KONE provides innovative and eco-efficient solutions for elevators, escalators, automatic building doors and the systems that integrate them with today's intelligent buildings.

We support our customers every step of the way; from design, manufacturing and installation to maintenance and modernization. KONE is a global leader in helping our customers manage the smooth flow of people and goods throughout their buildings.

Our commitment to customers is present in all KONE solutions. This makes us a reliable partner throughout the life cycle of the building. We challenge the conventional wisdom of the industry. We are fast, flexible, and we have a well-deserved reputation as a technology leader, with such innovations as KONE MonoSpace® DX, KONE NanoSpace™ and KONE UltraRope®.

KONE employs close to 57,000 dedicated experts to serve you globally and locally.

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