

# TOGETHER IN ELECTRIC DREAMS: THE FUTURE OF COBOTICS IN FM

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## **cobot /koh-bot/**

*noun*

a robot intended for direct human-robot interaction within a shared space (portmanteau of “collaborative robot”)



# WHAT IS COBOTICS?



## A COLLABORATIVE ROBOT

Capable of learning multiple tasks, enabling it to assist human beings in their work.



## TIME EFFICIENT PROGRAMMING

Enables employees to spend time on more meaningful or business-critical tasks.



**“Modern cobots can deliver over 1,000 square meters per hour, in contrast to the 250 square meters per hour delivered by manual floor mopping, which increases productivity.”**

Matthew Lockton  
Sales Director, 14forty UK



# CLEANING COBOTS: A BUSINESS PERSPECTIVE

## Ability to work in large spaces

Cobots provide flexibility in working on large spaces, letting human team members focus on high-traffic areas such as desks and washrooms.

## Reduced labour hours

Strategic deployment can reduce labor hours required for a task, allowing for an increase in hourly rates to attract and retain employees.

## Increase ROI

Manage inflationary pressures in labour, especially at a time when the employee market is so challenging.

# MITIGATING LABOUR CHALLENGES

The functions and advantages of high-tech cobots in the FM sector.



## Labour shortage

Resolve labor shortages by increasing productivity and filling in vacant positions at a higher hourly rate.



## Collaboration

A future in which cobots collaborate with employees in every sector and every department, growing more capable every year.



## Integration

Organisations can successfully embrace change and integrate cobots into human teams.

# PREDICTED GROWTH

## 91%



The global number of frictionless stores is expected to grow at 91% annual growth and may reach £300bn of transactions in 2025.

## 30%



Latest market research suggests reducing store labour costs (manning tills) by 30-40%. This will free up funds to improve in-store services and product pricing.



# What are the challenges?

The adoption of cobotics in the industry is facing challenges such as job security concerns, integration issues, lack of training, and high costs, which are hindering its widespread implementation.

## Cobotics may solve higher cleaning standards despite challenges...

**81%**

of FM leaders consider cobotics as a possible solution to cleaning issues in the next five years

**73%**

believe it can transform the cleaning industry.



# THE PSYCHOLOGY OF COBOTS AND HUMANS: HOW TO WORK TOGETHER

Emotional environment when introducing cobots to in the workplace

Employees forming attachments to robots

Looking human is less useful than acting human in future





# THE COBOTIC SOLUTION

Compass Group UK & Ireland is currently testing a new robotic scrubber-drier system that uses 70% less water and fewer chemicals. This sustainable system promotes eco-friendly operations for Trusts and is in line with the company's Climate Net Zero targets.



# Thank you

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