

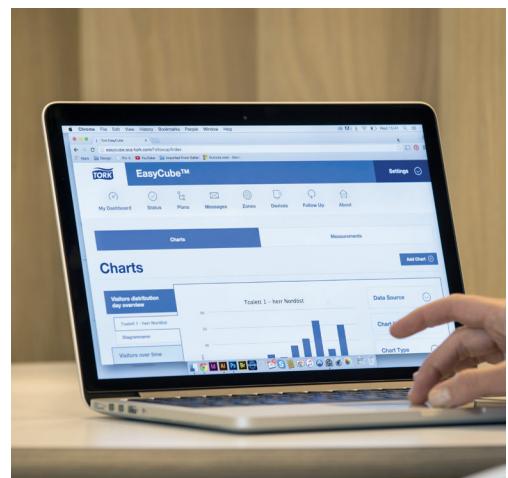


Tork EasyCube™

## Tork EasyCube™ makes it easier to keep washrooms at their best.



**6/10**  
agree Tork Easycube™  
will help them reduce  
end-user complaints\*



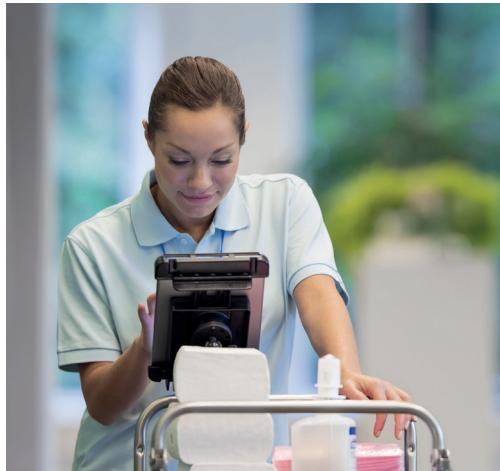
\* Survey of Facility Managers MM-Eye GmbH 2012



Tork EasyCube™ is a web-based service providing real-time data from connected washroom dispensers to keep facility managers and cleaners informed about washroom status.

This gives actionable insights that help managers plan and carry out washroom cleaning more efficiently to ensure user satisfaction.

Tork dispensers and waste bins fitted with sensors communicate their refill status wirelessly to a cloud-based data collection system, while visitor registration units record the number of people entering the washroom. Facility managers and cleaners can access this information easily through smart devices.



## Overview of Tork EasyCube™

Tork EasyCube™ works with a selected range of Tork dispensers, fitted with sensor technology.

The customer, with SCA, decides which washrooms will be included, and determines the number of Data Collection Units (DCUs) needed to support these. This will depend on the location of the washrooms within the building, and on the construction material of the building walls.

The system is installed by a professional installation company.

### Refill monitoring

The Sensor Communication Unit (SCU) measures refill levels in Tork dispensers and status of waste bins. The SCU card is added to a special slot within the dispenser, and runs on an embedded battery.

Some Tork dispensers, such as Tork Foam Soap Dispenser with Intuition sensor, do not need an additional Tork EasyCube sensor. Instead, they have an additional radio component within the cassette. No additional battery is needed.

All sensors communicate to the Data Collection Units via radio frequency 2.4 GHz.

### Visits to washroom

The Visitor Registration Unit (VRU) counts the number of people going in and out of the washroom. This data is a useful guide to when washrooms need to be cleaned.

One sender and one receiver unit is placed on the entrance door frame. The sensor has a range of up to 1.7 meters/5.5 feet. A configurable response time makes the sensor useful in many different environments and applications.

Each sensor runs on an embedded battery with a 5 year life.

### Automatic data collection

All sensors – the SCUs and the VRUs – send data to the Data Collection Unit (DCU), using SCA proprietary protocol.

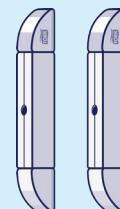
The DCU acts as a communication gateway. It processes the information from all the sensors connected to it, and then sends this on to SCA server for the Tork EasyCube system.

- The DCU has a built-in GSM/GPRS modem to connect to the Internet, so it does not need to access local physical networks.
- The DCU has a DC adapter, with a battery backup to ensure performance during power failure.

Several DCUs may be needed to cover larger areas. They each connect directly with the SCA server, so they can be installed over a large area without the need for any communication between them.



### Visitor Registration Unit (VRU)



### Sensor Communication Unit (SCU)



## Easy access to information

The DCU is configured during installation so that it alerts the server whenever there is a change in the refill status of a dispenser – between Full, Time for Refill and Almost Empty. All this data is processed and aggregated to produce easy to understand updates and insights, which customers access through the Tork EasyCube web application. This can be made available on any web-connected desk top computer, tablet or smartphone.

Facility Managers can easily review information in real-time, to identify where washroom attention is needed, and direct cleaners appropriately. Cleaners are alerted through their tablets when refilling is required, and advised how to stock their trolley.

Longer term data on usage patterns helps managers plan cleaning routes and staff requirements.



## Getting started

Contact 00353 (0) 17930151 or email [customer.servicesafh.ie@sca.com](mailto:customer.servicesafh.ie@sca.com) to understand how connected washrooms can help you keep your washrooms at their best.