

ABSTRACT**Scalable system and methods for monitoring and controlling a sanitary facility using distributed connected devices**

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The purpose of the system according to the invention is to control and to monitor the entirety of a sanitary facility by using various specialised connected devices that are distributed throughout the sanitary facility, communicating with one another and over the internet network.

10 Each one of these connected devices carries out its function or functions by using the information communicated by the other connected devices. Each one of these connected devices carries out its function or some of its functions independently in the event of a breakdown in the communication with the other connected devices. From the mobile or fixed apparatuses such as a Smartphone, touchscreen tablet, computer, server etc. that are

15 connected to the Internet, the user or users can interact with the connected devices, can be alerted in real time to malfunctions, and can receive information regarding the condition of the sanitary facility.

[Figure 9]

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