The Restroom Visiltizer is a people counting and odour detection system that sends an SMS alert to janitors when a pre-determined number of people or odour level has been reached. This enables cleaning companies to deploy janitors to restrooms on-demand and improves productivity.

The system comes in 2 packages to suit the different needs of each client; the Deluxe Package includes odour sensors which detect ammonia levels in restrooms and trigger an SMS alert to the janitor for further action when the preset threshold level is reached. The Premium Package is enhanced by including low-powered PIR sensors which detect people-density. This, coupled with the odour sensors, triggers an SMS alert to the janitor once the preset threshold level is reached for either one of the sensors.

A Graphical User Interface (GUI) platform is included in both packages to allow cleaning companies to monitor usage across multiple restrooms and use the data to plan resources ahead of time based on usage patterns.

The Restroom Visiltizer is the efficient way to allocate resources for clean restrooms using Internet-of-Things technology.
Technology Features

- Deluxe System - Odour sensors which detect ammonia levels and trigger an SMS alert to a mobile phone for further action upon reaching the preset threshold.

- Premium System - Odour sensors, enhanced with low-power plug-and-play PIR motion sensors, detect both ammonia levels as well as people-density, triggering an SMS alert to a mobile phone for further action upon reaching their individual preset thresholds.

- *Both systems come with GUI platform to aid monitoring

Benefits

- Able to implement more strategic downtime for restrooms.

- A more targeted cleaning approach allowing janitors to be deployed to restrooms which urgently needs cleaning.

- With improved productivity, it may be possible to take up more contracts with the same amount of resources.