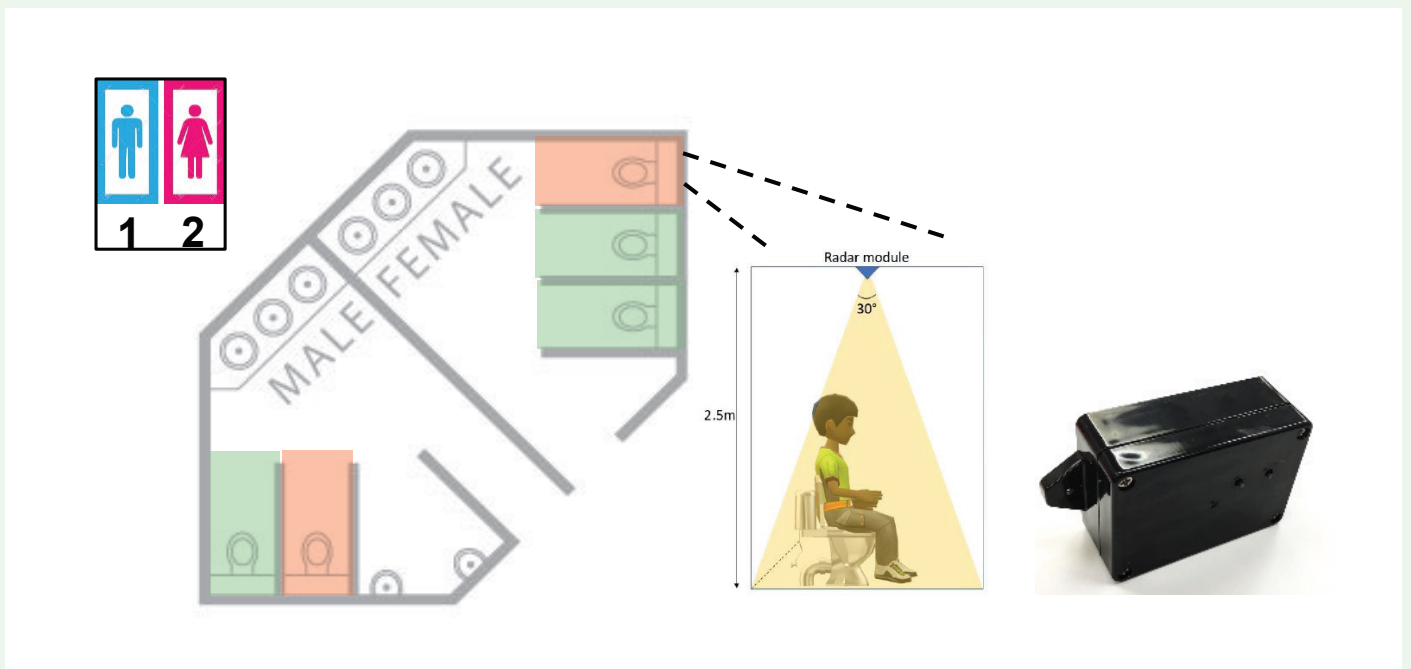


Occupancy Solution



Overview

People occupancy is a new IoT-based application. With increasing privacy concerns, camera deployment faces more limitations than before. Radar presents itself as a more effective and lower-cost option for people counting, while removing associated privacy concerns.

Avnet's occupancy monitoring system leverages radar technology which detects occupation of people in a certain space, and is especially suitable for environments with inherent privacy concerns such as toilets.

Features

- Detection for occupancy in a certain space
- Accurate measuring sensor enabled by 24GHz radar
- Data consolidation and send to the cloud via NB-IoT technology
- Data analytics services to generate insights

Systems

- Radar module
- NB-IoT module

Target Applications

- Smart monitoring
- Office/meeting room occupancy management
- High privacy area management