Smart Toilet

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Scope of Work

- Smart Toilet System
  - Management Platform
    - alert notifications – Cleanliness, Cleaner activation, Desnsity, Toilet Paper, Cubicle Occupation, Temperature, Water Usage, or any other abnormalities
    - analytics tools and a web visualization service
    - Informative dashboard view
    - Toilet usage trend reports
    - Map view
  - Sensors
    - Lora based
    - Real-time monitoring of:
      - Cleaner Activity
      - Human traffic (over crowded or long queue)
      - Odour Level, Air Quality and Temperature
      - Toilet Paper emptiness Detection
      - Water Usage
      - Cubicle usage

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Design Considerations

- Non-invasive monitoring system
- Brand and model agnostic
- Cloud based system
- Data security at rest and in motion
- Northbound API to remote systems

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Challenges

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Smart City Application
Smart Toilet

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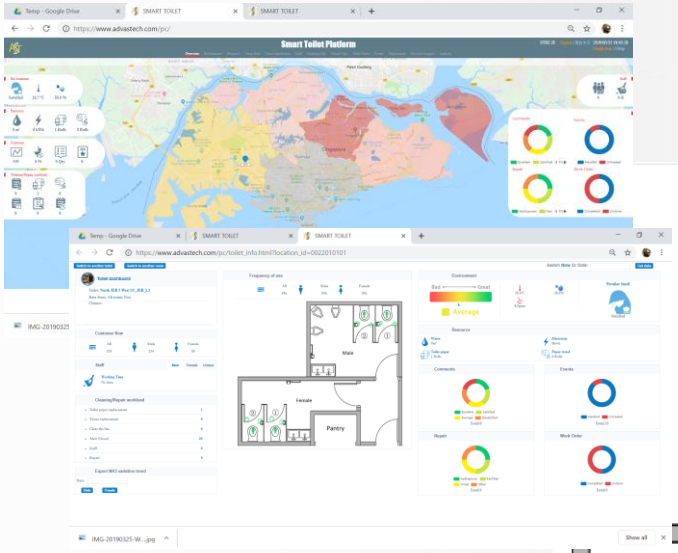
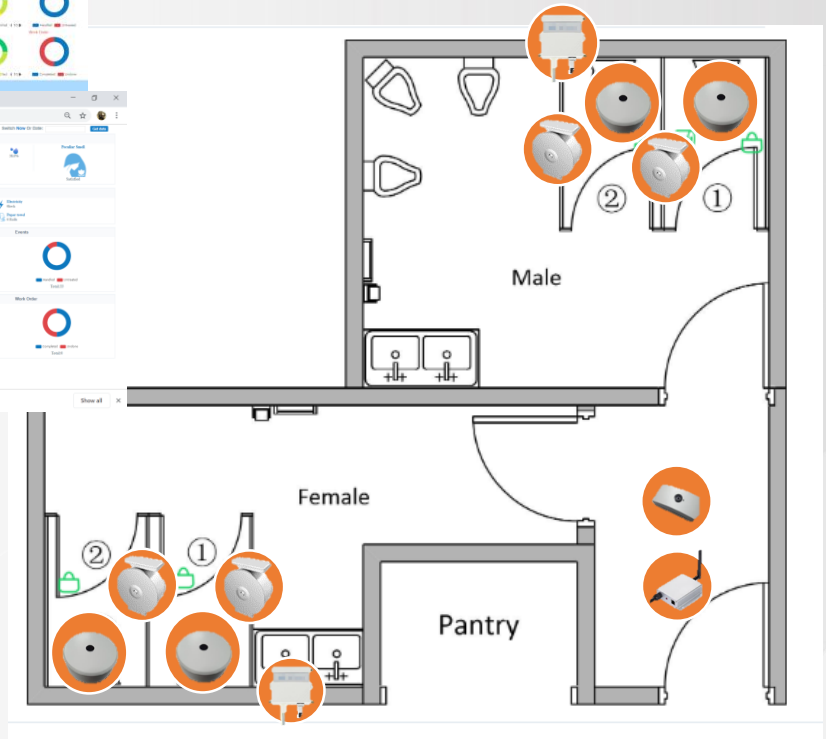
Smart Toilet Solutions





- Sensor Gateway
- Human Traffic Counter
- Odour Sensor with Temp / Humidity
- Cubicle Occupancy Smart Door
- Toilet Paper Empty Detection

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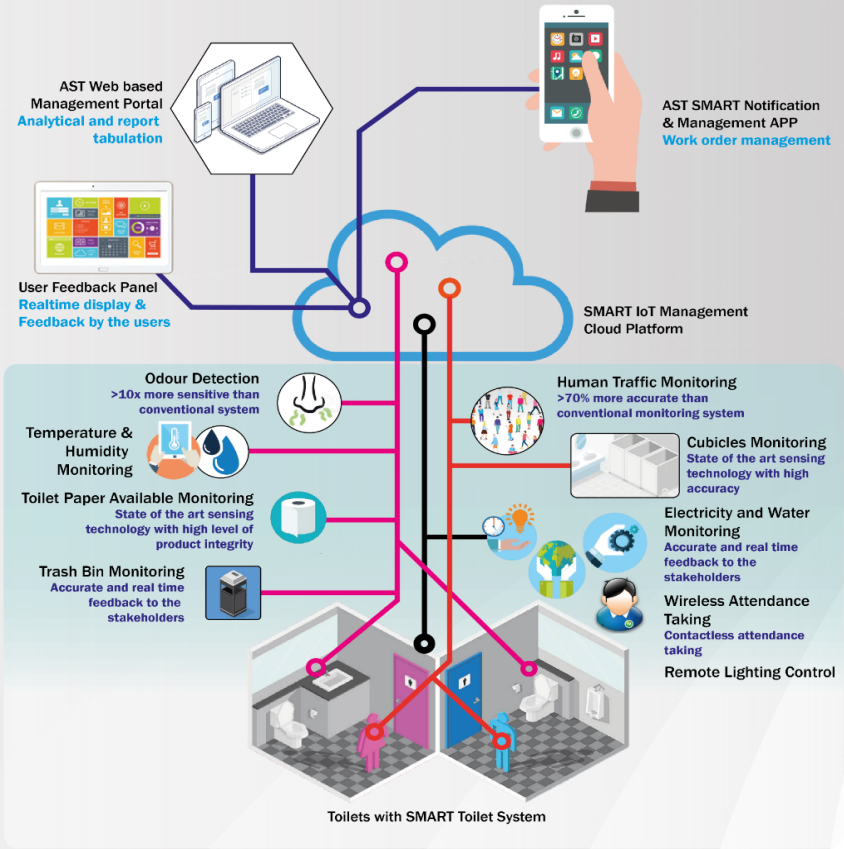
Smart Toilet



Powered by Advancer Smart Technology

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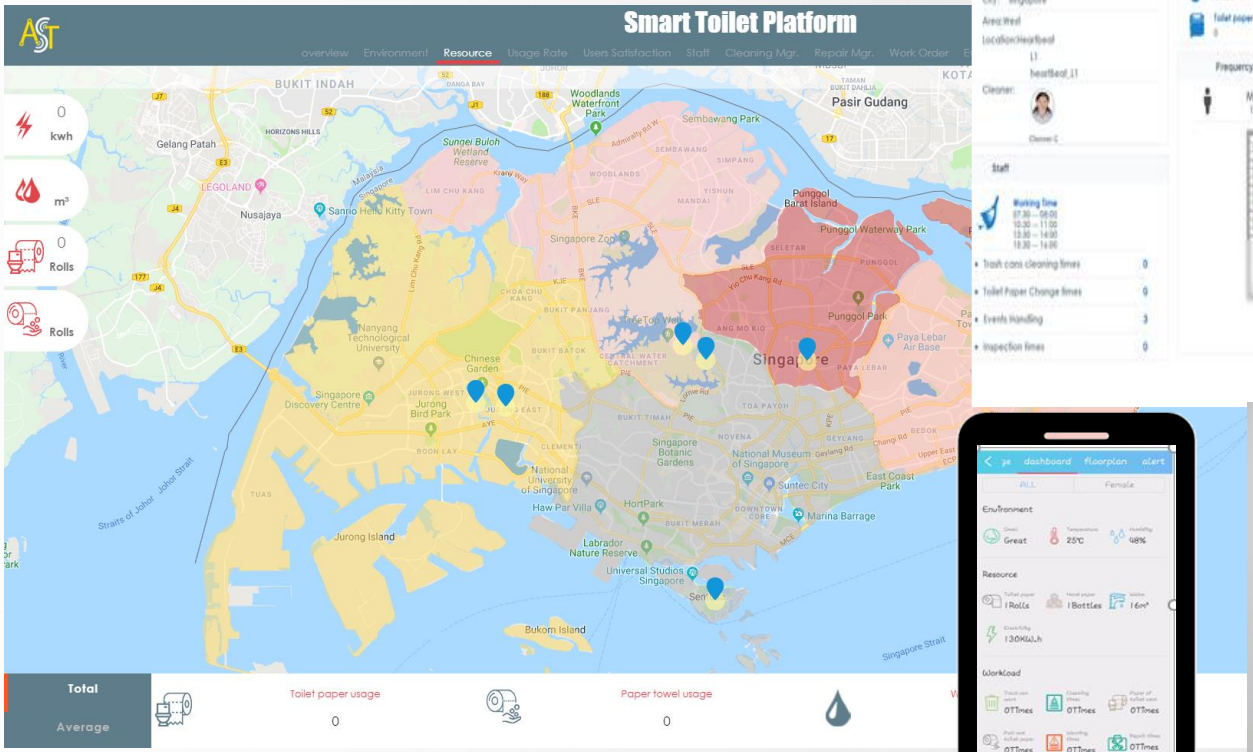
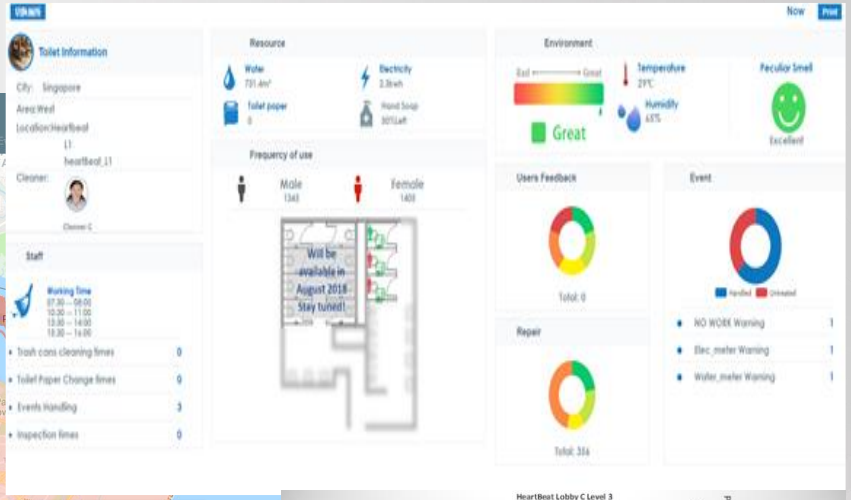
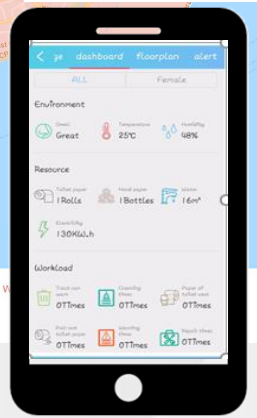
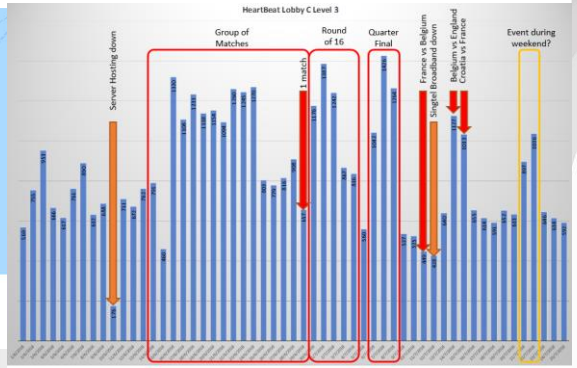
Smart Toilet









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Thank You

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