Reduce overcrowding effectively with IoT

Smart Crowd Density Analysis Solution

The Technology

**NEC offers a smarter way to monitor crowd levels at premises in the new normal world where social distancing is mandatory.**

A solution that keeps track of crowd density and predicts potential overcrowding, Smart Crowd Density Analysis Solution provides updates in real-time, where swift actions and decisions can be effected. With the powerful feature of displaying crowd trends data, management can handle crowd control effectively while visitors are able to avoid peak hours by monitoring the congestion visualization on a website. For both businesses and customers, decisions can be made quickly.

- **Count Visitors**
  Sensor counts each visitor who enters and exits.

- **Monitor Density**
  Alert is triggered when the premise occupancy exceeds its allowed threshold.

- **Activate Security**
  Management will receive the alerts and quickly implement crowd control plans.
The Informative Dashboards

Management view (sample)

Customer view (sample)

The Benefits

Businesses with irregular visitor numbers like retails, F&B, hotels, tourism spots, recreational halls, etc. can benefit from this solution. Manual counting of visitors poses unnecessary risks to the health of those involved. Our solution seeks to address the concerns of many business owners, namely:

Compliance
No personal data is collected. Only crowd numbers are collected, which are possible to remove from the system.

Control
Alerts and activates crowd-control plan when premise becomes crowded.

Customers
Customer dashboard brings confidence, and shows data, like trends, for business planning.

Continuity
Solution can be a part of your digital transformation plan.

Talk to us about your needs today. Contact us at +65 6273 8333 or SED_marketing@nec.com.sg.