CONGESTION DETECTED ⚠

CONGESTION MANAGEMENT SOLUTION

Enhancing Safety and Comfort in Overcrowded Situations

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Congestion Management Solution

Image analysis technology for visualizing crowd density or pedestrian flow under overcrowded situations, which prevents accidents, and makes environments safer and more comfortable.

Solution Benefits

Crowd flow estimation
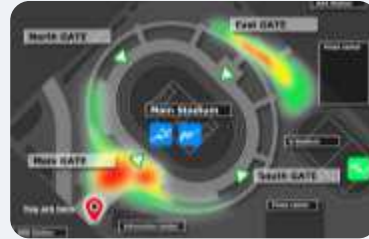
- Congestion rate
- Number of staying people
- Pedestrian traffic
- Velocity distribution

Functionality

Serious Congestion Detection

Precise and real-time detection of serious congestion using security cameras through NEC original learned crowd behavior analysis enables efficient navigation in overcrowded situations.

Best Practice of Crowd Environment Management

Minimizing inherent risks, maximizing values of crowded environments

- Real-time detection of overcrowded situations and pedestrian for providing proper navigation to prevent serious crowd accidents
- Pedestrian traffic measurement which contribute to comfortable urban design and improving profitability of facility management

Use Cases

For stadiums, stations, entertainment parks, commercial facilities, aviation etc.

Prevention of serious crowd accidents by real-time detection of overcrowded situations and proper crowd navigation.

For facility design, city design etc.

Design support of comfortable and efficient pedestrian space by utilizing statistics of pedestrian traffic such as flow quantity, velocity and density.

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