

Smart Parking and Parking Availability

CUSTOMER EXPERIENCE

Campuses & Universities | Municipalities & Transportation Hubs | Stadiums & Venues

Objective

Manage curbside and parking lot space availability more efficiently and effectively.

Challenge / Market

Individuals who are driving to campuses, venues and other locations with large parking needs spend an average of up to 20 minutes daily looking for a parking spot, which wastes time and money, and decreases satisfaction. A similar time constraint occurs for commuters, travelers, or those attending events.

How It's Done Today

Solutions are limited. Today, parking space count availability is weighed against the actual inventory. When overcrowding is recognized, the reactive response is to incur new capital costs to build new lots or encourage people to use public transportation, ride sharing, or other methods of transport, such as bicycles. These solutions are helpful, but they come with steep building costs and have the potential to decrease user satisfaction when they have to navigate around construction or be pushed into public transit.

How Technology Will Address Challenges

Hitachi Smart Spaces and Lumada Video Insights technology, through video analytics and smart cameras, helps you gain near-real-time measurements for:

- Parking space occupancy.
- Vehicle parking space position or drive-thru lane position.
- Arrival and departure times.
- Length of time in parking space or drive-thru lane (for example, wait or service times).
- Dashboard and application alerts (for example, see when a vehicle has arrived for curbside pickup).

In addition, with our local app's integration capability we can provide these real-time alerts and openings to patrons who are on premises via an app, alerting them to the closest available spot to their location.

Solution

Hitachi Video Analytics, Hitachi Visualization Suite,
Hitachi Smart Cameras, cameras

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Smart Spaces and Lumada Video Insights

Benefits



Improves customer experiences with shorter wait times.



Supports more efficient processes.



Informs staff, students, faculty and visitors of peak visit days and times.



Provides greater transparency of demographics and logistics of your space.



Enables more targeted and accurate forecasting of capital expenditures.

Learn More →

Smart Spaces are emerging all around us, becoming safer, more sustainable, and improving our experience, while driving efficiency.

