

Parallel | Stormtech

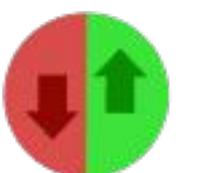
Initial Site Mapping & Exploration

Lot Mapping

Using the latest mapping data, we identified all vehicle access points to the facility. There are five openings serving the main lot, plus one separate single-lot entrance that is isolated from the rest of the site.

For some exits, cameras facing the roadway could be mounted on the building and use optical zoom to capture vehicles exiting. Cameras intended to capture vehicles entering the facility typically face toward the building and may require dedicated poles near those access points.

Each opening requires 2 cameras positioned to capture the rear of vehicles entering/exiting for accurate reads.



Parallel requires two cameras at each opening to capture vehicles entering and exiting from opposite directions, typically mounted at least 8–10 feet high to reduce tampering.



Local Market

1.5 KM Radius

We contacted nearby businesses within the surrounding radius to assess overflow, employee, or short term parking demand.

Businesses contacted:

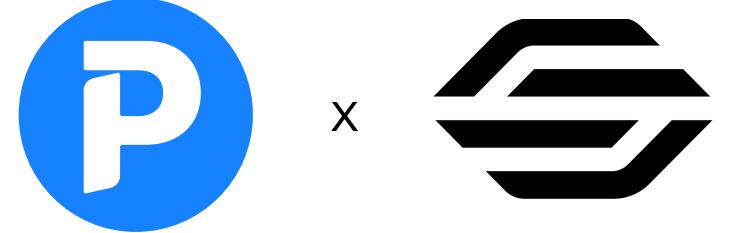
- Hertz
- Enterprise
- Don Valley North Toyota
- Don Valley North Lexus
- Smith and Long
- Service Express

Outcome:

None of the contacted businesses reported excess parking demand, recurring overflow, employee parking constraints, or customer parking issues, and no interest was expressed in paid, shared, or managed parking arrangements at this time.



Potential Use Case



Registry and Access Control

Whitelist all employee vehicles for frictionless entry. Event, vendor, and visitor access handled through temporary permits instead of manual coordination. Gives facilities clear visibility into who is onsite at any time.

Operational Traffic Analytics

Entry and exit data reveals shift start times, lunch cycles, peak congestion, and idle periods. Supports workforce planning, scheduling adjustments, and facilities optimization. Shows how the property is actually used rather than relying on assumptions.

Security and Compliance

Night and weekend detection flags unauthorized vehicles without adding patrol labor. Full vehicle history accelerates incident review and eliminates CCTV scrubbing. Improves after-hours security without physical gates or badges.

AI and Customization

Surface anomalies, trends, and correlations operators wouldn't manually inspect. Customize insights, alerts, and dashboards as new questions emerge, making the system progressively more intelligent for the site. Query facility activity in natural language (eg "when are lunch departures highest" or "show after-hours entries last week") without reporting work.

Thank you.

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