



Automated Vehicles & Airports

Enhancement through innovation

Airports carry a lot of weight. There's an expectation that they're safe, that they're not just a place people or goods pass through, but a destination themselves.

Introducing automated vehicles (AVs) into the airport environment can be a tremendously successful endeavor with benefits to the airport client, workers, and passengers. From moving people and baggage to cleaning inside and outside the terminal, AVs can provide a wide range of services in and around an airport, all contributing to a safer and more efficient experience for everyone involved.

Potential use cases:

LOGISTICS & MOBILITY

Luggage Moving
Equipment Moving
People Moving

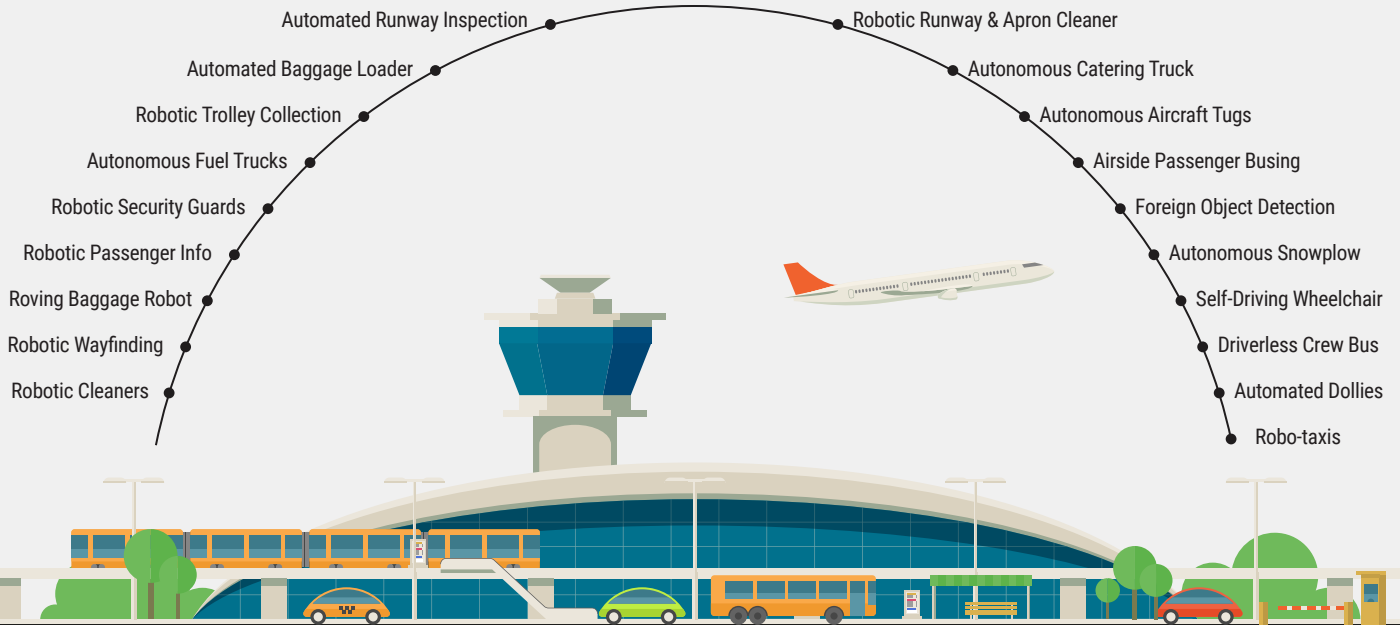
SECURITY

Indoor
Outdoor Terminal Area
Outdoor Full Property

INSPECTION

Markings, Signs, Lighting
Pavement Condition
Wildlife
(Part 139: Movement Area Inspection)

AVs in Airports



Accelerating Autonomy at Airports

For more than 40 years, we've delivered successful projects at more than 200+ airports worldwide. From roadway to runway, full terminal design to retail tenant, our deep understanding of airport operations drives us to create airport destinations that are more efficient, more memorable, and safer than ever before.

It's this passion that has us so interested in bringing autonomous vehicle technology to our airports. With promised benefits of safety, efficiency, and accessibility, the applications at airports are immense. Our AV consulting arm, Stantec GenerationAV™, is advancing automated mobility systems to create a safer, cleaner, more equitable world for future generations. Together with our airport planners and engineers, we can help airport clients determine the best use cases and create and implement a plan to deploy AVs safely and smartly, for the good of the airport community.

Services & Products:

- AV Strategy and Planning
- Learning Center
- AV Deployment Playbook
- Industry Analytics Platform
- Safety, Risk, and Compliance Assessment
- Infrastructure Planning and Design
- Stakeholder/End-User Research
- Cyber Security Assessment

Connect with us

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