

The environmental impact of vehicles in motion receives a large amount of attention in society, and rightfully so. Often overlooked are the environmental effects of parking, its design, and its technology. Park Assist's systems drive a number of unique environmental benefits, while simultaneously offering customer service and operational advantages.

ARUP performed a study of the parking garage at a shopping mall before and after installation of a Park Assist system, with eye-opening results. Average search time, the amount of time drivers circulate while locating a space, was reduced by 43% overall. This impact is greater when the garage is experiencing higher occupancy. Prior to the system's installation, 15.4% of visitors spent over 5 minutes searching for a space; with Park Assist, this figure drops to 3.4%. Applying these time savings across an entire year of operation ARUP estimates a savings of 52,100 gallons of gasoline from reduced driving, preventing 459,000 kg of Carbon Dioxide emissions. This is the equivalent of more than 1 million miles driven.

43% reduction in search time

Percentage of visitors spending over 5 minutes to find a space:

Before Park Assist: 15.4%

After Park Assist: 3.4%

Yearly environmental benefits for a 2,500 space site:

52,100 gallons of gas saved

459,000 kg of CO₂ avoided



Park Assist is proud to be a member of the Green Parking Council, an organization committed to expanding green parking throughout the industry through wide collaboration and best practices. A Park Assist installation earns the most points possible of any Parking Guidance system toward Green Garage Certification.