Every journey is connected with a destination, such as the workplace, shopping center or theater. Once the destination has been reached, every car needs a parking space. However, as the number of cars on the road is growing, finding a parking space is becoming increasingly difficult. In urban areas, where parking should be particularly secure and inexpensive, the search for a parking space is becoming an exhaustive and nerve-wracking experience, akin to winning the lottery.

Given this situation, the maximization of parking space through a Westfalia CAR-SAFE® Automated Parking System offers an outstanding opportunity for promoting a project's positive image – for commercial and residential property developers, and local authorities as well as railway stations, airports and leisure facilities.

Using a CAR-SAFE® Automated Parking System translates into increased profitability for property developers. Since a CAR-SAFE® uses less space for the same amount of parking spaces, a developer has more space to use in profit generating areas.

- less building space, shorter building times, lower costs
- maximum user convenience
- aesthetically pleasing – above or below ground
- improving project profits
Westfalia’s automated parking systems prove there is no need to compromise between strong functionality and preserving the aesthetic quality of the building. Westfalia CAR-SAFE® systems are extremely flexible. Automated parking systems can be integrated into virtually every construction and renovation project. They adapt to difficult space situations and can be implemented above or below ground.

With Westfalia CAR-SAFE® modern city planners are able to use structurally innovative standards, and also win points on environmental protection. A Westfalia CAR-SAFE® reduces pollutant emissions by 70-80% versus conventional parking garages, since driving through the garage is eliminated. In addition, the systems need less building space which may make room for more green areas. Last but not least, they reduce energy consumption.

- preservation of area aesthetics
- up to 80% reduction of air pollutants within the garage
- energy conservation
- creation of green areas

**MORE PROFIT GENERATING AREA**

CAR-SAFE® systems provide the same number of parking spaces in less building space than conventional garages. A smaller garage correlates to increased profit generating areas in commercial development projects.

**INTELLIGENT SOLUTIONS**

Noise and air pollution are on the rise due to congestion. Westfalia’s automated parking systems mitigate these problems. Since vehicles do not drive around within the garage, both air and noise pollution are reduced.

**FOR CONVENIENCE AND SECURITY**

Westfalia’s flexible automated parking systems are engineered to provide the user the utmost comfort and ease with uncompromising security for both the occupants and the vehicle.
Parking in a Westfalia CAR-SAFE® system is completely stress-free. Parking and retrieving the vehicle are as simple as using a car wash. The entry cabin is bright, spacious and clean. Upon entering the driveway, signs guide the driver to collect a parking ticket and into an entry cabin. Once in the entry cabin, an easy to read monitor informs the driver to turn off the engine, put the car in park, and engage the handbrake. That’s it.

The actual parking process runs automatically after the driver and passengers leave the vehicle. Drivers and passengers have plenty of time to remove any items they need from the vehicle, including wheelchairs, strollers, etc. Once sensors have verified the entry cabin is empty of occupants, the vehicle is moved and parked via the automated parking system.

Retrieving the car is easy and convenient too. Retrieval is initiated by pay-on-foot terminals, telephone or text message. Thus, the parking experience ends in the same time-saving and stress-free manner it began.

- convenient, fast and easy to use
- wheelchair-friendly access
- clean, emission-free environment
- safe and secure parking

All movement of the vehicles within the automated parking system are managed and controlled by Westfalia’s Savanna.NET® software. This intelligent software can even determine a customer’s parking pattern, and uses this information to move cars closer to the exit lift at the appropriate time.

The close integration of the design team with project management guarantees smooth project handling throughout manufacturing, installation and commissioning. And of course, prompt after-sales care by our own service experts.

Westfalia’s years of experience in designing, installing and commissioning automation systems guarantee that the highest standards are met with regard to technology, safety and quality of workmanship.
The technical processes of Westfalia’s CAR-SAFE® systems run automatically, almost out of sight from the customers. Once a customer safely leaves the entry cabin area, the system transports the vehicle to a parking space in the rack structure.

Of course, “Safety First” also applies to the vehicle itself. No driving takes place within an automated parking system. Vehicles are stored with their engines off and are inaccessible to the public. Thereby, any chance of theft and vandalism is eliminated.

A feeling of safety comes from the well lit and friendly ambiance of the entry cabin, and the surveillance system, which is integrated in areas with public access. Entry cabin sensors verify the vehicle is empty before any mechanical components start to move it.

- adaptation to each project’s requirements
- various technical options
- all components tested before delivery
- system control software from Westfalia
Westfalia is a leading manufacturer of automated parking systems worldwide, known for outstanding planning and implementation expertise. The key to our success is understanding the technical and customer-specific needs of each project. This is the approach Westfalia’s in-house development team employs to tackle all of our projects – innovative solutions to meet each project’s individual needs.

Planning with all the parties involved from the outset, plus decades of experience, guarantee a project’s smooth implementation, reliable use and return on investment.

With engineering and manufacturing in both Europe and America, your project will be implemented with local staff, ensuring successful communication and the highest level of service. Innovative engineering experts guarantee the maximum security and quality of your automated parking system.

- design and manufacturing facilities in Europe & USA
- superior planning and implementation expertise
- maximizing return on investment

EFFICIENT PARKING AS A SAFE INVESTMENT

HIGHER SPACE UTILIZATION

The elimination of ramps, driveways, maneuvering space, lifts and stairwells in a CARSAFE® system means less space is needed to park the same number of cars in an automated garage versus a conventional garage. Therefore, Westfalia can achieve significantly higher space utilization. This contributes to a noticeable reduction in the cost per parking space.

COST EFFECTIVE

An automated parking garage requires less land, thus reducing land acquisition costs. Another advantage is that the costs of maintaining an automated garage are more than compensated for by the reduction in cleaning and maintenance costs, and the elimination of ventilation, lighting and traffic-control systems of conventional garages.

INDIVIDUAL APPROACH

Westfalia’s engineering team takes your parking area dimensions and designs the compact, efficient automated parking system to fit. With various technology options – lifts, shuttles, turntables, and cranes – we have the equipment to design and build your ideal parking solution.