

# The Westfalia **SATELLITE**



## Inside This Issue

The official newsletter of Westfalia Technologies, Inc.

Summer 2007



## Westfalia Automated Parking Systems are an economical and space-saving solution for comfortable, safe parking

With the number of cars steadily increasing in urban areas, the need and feasibility for high capacity parking garages increases – not the least due to rising real estate prices in densely populated areas. Westfalia's Automated Parking Systems represent a very effective and efficient solution to this urban parking dilemma.

### Economical and efficient space utilization

The savings potential from Automated Parking Systems are huge. Compared to conventional parking garages, facilities developed by Westfalia require a much smaller area (or rebuilt space). As much as 60% more cars can be accommodated in the same building space. Westfalia is able to do this because our Automated Parking Systems minimize the distance to enter and exit, and come without entry and exit ramps. Additional cost savings can be found from reduced cleaning, maintenance, ventilation and lighting costs.

### Safe, secure and easy for drivers

Car owners only need to deliver their vehicles at the parking system's illuminated and spacious entry cabin. They no longer have to drive around in dark parking ramps and rows

to find a parking space. Nor do they run the risk of "accidentally" damaging other vehicles. Westfalia's Automated Parking Systems keep drivers and their cars safer too, since no one can prowl around in the parking garage. All entry/exit cabins operate with security cameras for additional safety.

### Logistical expertise you can trust

Westfalia has over three decades of experience in planning, and implementing complex logistical processes, especially in custom automation, facility architecture, material handling and load movement. "Logistics expertise is the essential requirement for implementing Automated Parking Systems that really work. This is particularly true for parking management systems, and for all other computer-based systems," states Dan Labell, President of Westfalia Technologies. Westfalia's parking systems utilize various lifting and vertical transport technologies, similar to those used in high-rise warehouses. With over 650 fully-automatic systems operating worldwide, Westfalia's ability to deliver safe, durable and innovative solutions has been proven over and over again. ■



FLEXIBLE AND ELEGANT  
PARKING SOLUTIONS



LOGISTICS EXPERTISE  
IS ESSENTIAL



GLOBAL PARTNER  
IN PARKING



## Parking Special



# Flexible and Elegant Parking Solutions

Westfalia has been designing and building Automated Parking Systems for a decade, beginning in Austria. Due to their modular design, Westfalia's systems are extremely flexible. Each system can be adjusted to the customer's specific site requirements and can be built in any size, above or below ground.

## Lower Per Space Construction Costs

In 2004, Westfalia completed their first automatic parking garage around the Schlesinger Platz area of Vienna, Austria. In less than 20 months Westfalia constructed the underground garage in the area around Schlesinger Platz into a more inviting place. The fully automated parking system provides parking for 254 cars. By using space more efficiently, Westfalia can

significantly reduce construction costs per parking space – 13% lower for the Schlesinger Platz project – compared to conventional parking garages.

## Aesthetically Pleasing - Blends into the Neighborhood

Westfalia Automated Parking Systems have become an integral part of residential and commercial parking solutions at the Palais Coburg in Vienna's congested historical city center. The Palais Coburg was built in 1857, and between 1999 and 2003, it was converted into a luxury hotel, hence the need for additional parking. The car park developed by Westfalia is an excellent example of marrying monument protection and nature conservation considerations as it blends perfectly into the

protected historical structure of the building. It offers 91 parking spaces for hotel guests and neighboring residents in just 2475 square feet.

## Saving space above and below ground

Another recent project for Westfalia is the Automated Parking System built in Salzburg with an office building on top. This project demonstrates the flexibility of Westfalia's designs and proves that Automated Parking Systems can be built anywhere, even in extremely difficult locations. Located in the Andriaviertel section of Salzburg, the garage accommodates 90 cars on five underground levels, and occupies an area of just 4628 sq. ft. The building above the garage houses a restaurant and four floors of offices and apartments. ■



# Logistics Expertise is Essential



The Logistics City around Jebel Ali airport in Dubai is prime example of the future of logistics. Included in Dubai's new airport is a Westfalia Automated Parking System.

Dubai, in the United Arab Emirates, represents one of the most spectacular transformations of a country – from an oil-dominated desert economy to a diversified Middle East business center. The Dubai Logistics City features state-of-the-art logistics systems and is currently being developed on 58 square miles around the Jebel Ali airport. In the Middle East, one of the World's fastest growing regions, Westfalia is committed to what is already being successfully implemented in Europe: the revolution in parking space management.

*“Logistics expertise is the essential requirement for implementing automatic parking systems that really work.”*

“Dubai is an excellent example of how rapidly growing cities have to cope with private transportation. In Dubai, we can adjust and apply our European experiences to the realities of the Middle East,” says Harald Suchentrunk, Managing Director of Westfalia Parking Systems. Due to our modular structure and scalability, our solutions are ideally suited to the needs of a market such as the United Arab Emirates. Michael Waechter, the Westfalia Middle East Managing Director adds, “there is



great demand for parking systems ranging from 500 to several thousand spaces.”

## **Parking systems built on solid logistics know-how**

With more than 35 years manufacturing logistical systems, it seems only fitting that Westfalia should be part of the Dubai Logistics City. Westfalia's Automated Parking Systems incorporate the manufacturing and software expertise developed over this time. As Ryan Smith, Vice President of Information Technologies, explains, “We can apply several proven Westfalia components from our modular software suite.”

The Dubai Logistics City garage will be managed and controlled with Westfalia's *Savanna.NET*® software, which offers a wide range of existing and individually adjustable logistics functions. *Savanna.NET*'s modular design means

individual modules can be selected initially, or later added, to meet each customer's requirements. The “core” functions to control, manage and monitor the flow of cars throughout the parking system are standardized modules. ■



Michael Proffitt, CEO of Dubai Logistics City and Harald Suchentrunk





# Global Partner in Parking

Westfalia's experience in international projects is a huge competitive advantage. Beginning with a complete analysis of the specific local conditions and cultural expectations, Westfalia uses their flexible modular designs to formulate the best Automated Parking System for each site. Armed with these skills, Westfalia can carry out successful projects in almost every city around the world.

Dubrovnik, the "Pearl of the Adriatic" attracts hundreds of thousands of visitors every year, and is currently experiencing a renaissance as a holiday destination. Squeezed between the Adriatic coast and the mountains of the interior, Dubrovnik is a difficult place for construction projects. Building lots are scarce, and legislative provisions are a challenge in themselves, forcing each developer to provide sufficient parking space for their projects.

Real estate developer Villa Zaton, d.o.o., purchased a 1/3 acre property within the city of Dubrovnik with the intention of building a modern office building. Due to the limited space available, it was impossible to build a conventional parking garage. Villa Zaton turned to Westfalia's technology to solve the

problem. The fully Automated Parking Garage will provide space for 138 cars.

Westfalia's specialists are currently working on a large parking project in Athens, Greece. The project includes 2,000 new parking spaces in fully automated parking garages in the Greek capital – a traditional urban traffic hotspot – by the year 2009.

Copenhagen, Denmark approved three Westfalia automated parking garages. More than two years ago, the Danish capital commissioned a worldwide study to evaluate which parking system – whether conventional or automated – would present the most efficient parking solution for Copenhagen. The results of the study confirmed that automatic parking systems are preferable due to their user-friendliness and space-saving construction.

The Westfalia Automated Parking Systems were then pre-qualified in an EU-wide tender process for the Danish project. After developing two options, Westfalia was recently awarded the contract to build three fully-automated parking garages in Norre Alle, Under Elmene and Leifsgade. ■

## 7 Benefits of Westfalia Parking Systems:

1. Maximizes space utilization = more space for profit generating areas
2. Up to 40% less ground area and up to 60% less building volume required compared to conventional parking garages
3. Maximizes personal safety - no moving around in dark garages, plus video monitoring in heavy traffic areas
4. Guaranteed safe keeping of vehicles without the risk of theft or vandalism
5. Convenient, user-friendly drive in cabins save time for drivers
6. 60% reduction in toxic substances in the air compared to conventional parking
7. Flexible designs – any size, above or below ground



**Harald F. Suchentrunk**  
Managing Director, Westfalia CarPark GmbH

*"Our approach is to compare our automatic parking systems with conventional solutions for each specific project. We take up the respective project only if the results of a direct comparison are clearly in favour of a car park solution by Westfalia."*

*"We found out that preference is often given to our systems especially in the case of difficult settings, for instance difficult ground conditions, high land prices, restrictions on building construction, etc."*

**Published by:**  
Westfalia Technologies, Inc.  
3655 Sandhurst Drive  
York, PA 17406  
Tel 800.673.2522  
Fax 717.764.1118  
[www.WestfaliaUSA.com](http://www.WestfaliaUSA.com)  
[sales@WestfaliaUSA.com](mailto:sales@WestfaliaUSA.com)

**Editorial responsibility:**  
Westfalia Technologies, Inc.  
Marketing Dept.