

# COMPANY PROFILE



Consultancy



Baggage  
handling



Car  
park



Cargo  
handling



Warehouse  
intralogistics

Advanced Logistic Systems has emerged as a leading force in Material Handling Solutions since its inception, amidst a dynamic era of growth in recent decades. Established in Germany in 1996, the company has swiftly spread its wings to establish a reliable network of partners, suppliers, and clients globally. With a strong commitment to engineering excellence and project management, ALS delivers bespoke solutions for the Logistics Industry across Europe, Middle East and Asia.

Drawing on its quarter century of expertise, ALS offers a range of solutions including Logistics Consultancy, IT Solutions for Logistics and Supply Chain, Air Cargo Automation, Warehouse Intralogistics, Baggage Handling and Car Park Systems. Collaborating closely with leading names in air cargo, 3PL, 4PL, and 5PL Logistics Enterprises, distribution and manufacturing centers, pharmaceutical and retail Logistics, ALS presents the latest state-of-the-art ergonomic, space-saving solutions for warehouses, distribution centers, and parking areas.

As a recognized industry expert, ALS has consistently delivered transformative business results over the past decade, spotlighting industrial automation with an unwavering focus on innovation, customization, and meeting clients' long-term perspectives. ALS has a proven track record of predicting and analyzing market demand and potential growth, seizing opportunities for fundamental change such as automation. Structured optimization of manpower, existing facilities, and technological components is at the heart of ALS's business strategy, which is designed to support gradual project upgrades, establishment of new systems, and specific tailoring of plans to meet clients' business expansion needs.

Our approach involves gradual project upgrades, building, establishing and specifically tailoring the plan in line with our clients' business expansion needs. ALS operates in full compliance with international standards, ensuring consistency in requirements and professionalism worldwide.

## COMPANY OVERVIEW





## WITH A BUSINESS JOURNEY DATED BACK TO 1996,

## HISTORY

Advanced Logistic Systems has a story to share. Driven by market growth and demand for holistic Project Management, ALS has set up an experienced and focused team of industry professionals with significant specialty in the automation field. The Material Handling, Warehouse Management, IT, Logistics Automation and Engineering became the key criteria for the leadership in the market. ALS expanded from Germany to the Middle East and Asia and took a part in the major installations in the development of Cargo Terminals across the globe.

From its first office in Wiesbaden, scaling to physical presence in 7 countries, ALS is in continuous business spread to ensure proximity to every client. Overcoming challenges, ALS looks forward to constant upsurge and entrepreneurship success.

ALS reputation and business portfolio has been growing simultaneously with the modernization of the Logistics Hubs worldwide.

Timely deliveries and Customer's satisfactions are what has led ALS to evolve into one of the premier Material Handling service providers worldwide, with its well renowned clients in the MENA, Europe and Asia.

Over the years, ALS partnered with the biggest market players and built illustrious relationship and landmark records for all of its clients, naming Emirates Airlines, Dubai Duty Free, DNATA, Abu Dhabi International Airport, Qatar Airways, Sharjah International Airport, Kuwait Airways, Saudi Arabian Airlines, Baku International Airport, DANZAS, Panalpina, DHL, FedEx, UPS, Turkish Airlines, WFS, NAHCO and many other Leaders in Logistics operations.



## TIMELINE



1996

Year of establishment



1996

German Office opening



2002

UAE Office opening



2009

Malaysia Office opening



2020

Portugal office opening



2020

China office opening



2019

Slovenia Office opening



2009

Singapore Office opening

## THE AIR CARGO TERMINAL IS THE SIGNATURE ELEMENT

in the modern International Airports' operations; it widens borders and facilitates export and import, accelerates the logistic processes, and gives high added value for the Air Cargo shipping.

The Logistics today is not only about movement; it is about masterplan, algorithm, speed, and innovation of needs to support travel links and customer calls, marshalling and successful organization. Global economy gives opportunities to the countries to rapidly exchange and deliver the goods, perishables, pharmaceutical products, dangerous goods. To serve the dynamic import and export transit relationship, there is a need for a modern Air Cargo Terminals. Undeniably, of course, the automation needed within must be incorporated accordingly to support such rigorous demands.

Advanced Logistic Systems has successfully delivered bespoke Automated Air Cargo Terminals, integrating complex systems such as the Elevating Transfer Vehicles, Automated Storage and Retrieval Machines, workstations, Truck Docks, Conveyors, Scanning devices, IT and PLC technologies... The Automated Air Cargo facilities drastically increase the storage capacity of Cargo and provides swift handling for the Air Freight customers.

### Air Cargo Handling Systems:

- (ETV) Elevating Transfer Vehicles
- ULD High Bay Storage
- Integral interface to the Airside and Landside
- Temperature-controlled storage for perishables and Pharmaceutical products
- Ergonomic Workstations
- Automated and Gravity Conveyors, Roller Decks, Castor Decks and Ball Decks
- Turntables
- Right Angle Decks
- Salve Pallet Movers and Slave Pallets
- Truck Docks
- ULD and Goods Lifts
- Dimensioning and scanning Systems
- IT and PLC Systems

## AIR CARGO AUTOMATION



# WAREHOUSE OPERATIONAL EFFICIENCY

Automation a priori is associated with warehouse operational efficiency; however, the key principle of any automation to be applied is the evaluation of overall logistics and intralogistics functionality.

With open borders and global economic developments, business is always changing and looking for innovative solutions to stay up-to-date and competitive in the market. Warehouse automation with its sophisticated technologies such as ASRS, variety of conveying and lifting systems, transfer vehicles and innovative IT and PLC solutions is one of the attributes of the successfully operating distribution & production centers.

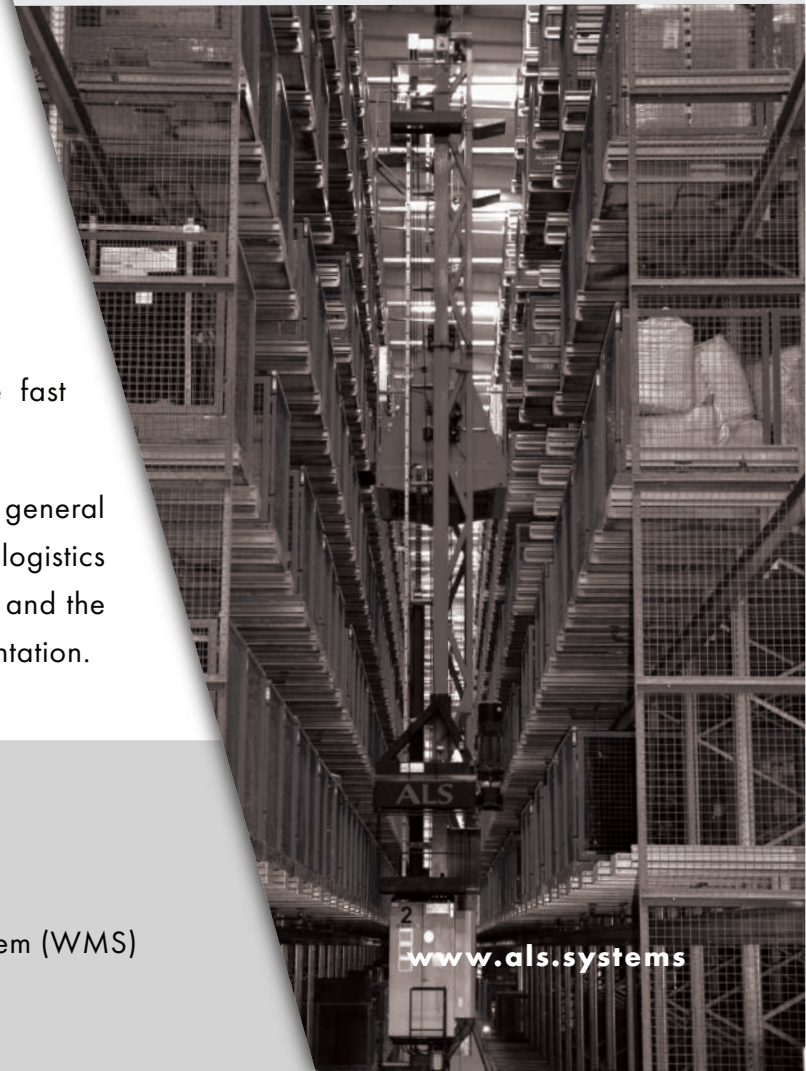
Fast goods exchange between and intercountry, trade cooperation and agreements require fast response from warehouse facilities in order to serve the world at the maximum speed.

The industry reports and researches show the significant amount of qualitative analysis on general automated warehouses and its benefits. To automate or not to automate is not a question anymore. The logistics leaders are looking not only for the technological improvement that will gain warehouse optimization and the maximum efficiency, but for the long-term perspectives with the help of advanced technology implementation.

## Integrated Warehouse Equipment:

- Variety of Conveyors ranging from the simplest gravity ones to the most sophisticated
- Automatic Storage and Retrieval Systems for High Bay Warehouses
- Mini-load Storage Systems
- Shuttle systems
- Warehouse Management System (WMS)
- IT and PLC systems

# WAREHOUSE INTRALOGISTICS





## AUTOMATION A PRIORI IS ASSOCIATED WITH

a seemingly unstoppable speed. Followed by high competition and customers' demands, the distribution centers deploy the best up-to-date and available technology. Warehouses are experiencing a continuous increase in investment, driven by increasing levels of automation within the warehouse as well as the integration of supply chains. Many new Logistic hubs with simplified Governmental regulations are appearing nowadays and they are contributing in the growth of the worldwide trade. This is rising the requirement of mechanized warehouses consisting of conveying systems with sophisticated sorters.

Advanced Logistic Systems covers the needs for all operation in the e-commerce sector and its distribution centers, offering Turnkey Design and Build services.

## E-COMMERCE AUTOMATION



## THE INNOVATIVE WAREHOUSE AUTOMATION SOLUTIONS

are assisting pharmaceutical warehouses to achieve the highest standards in storage and handling the sensitive materials and dangerous goods. When the importance of temperature control and operational functionality requires utmost accuracy, only automation can confidently grant security and absence of risks.

Automation and digitization are an essential part in the pharmaceutical industry proving its efficiency and expanding business opportunities for pharmaceutical manufactures and its distributors.

## PHARMA AUTOMATION





# WHEN CITIES' GROWTH SPEED IS

increasing dramatically on a yearly basis with a tremendous number of cars in use, there is no other option but to stack cars vertically (Sky-parking). Managing material handling projects worldwide, Advanced Logistic Systems offers a vast range of car park systems.

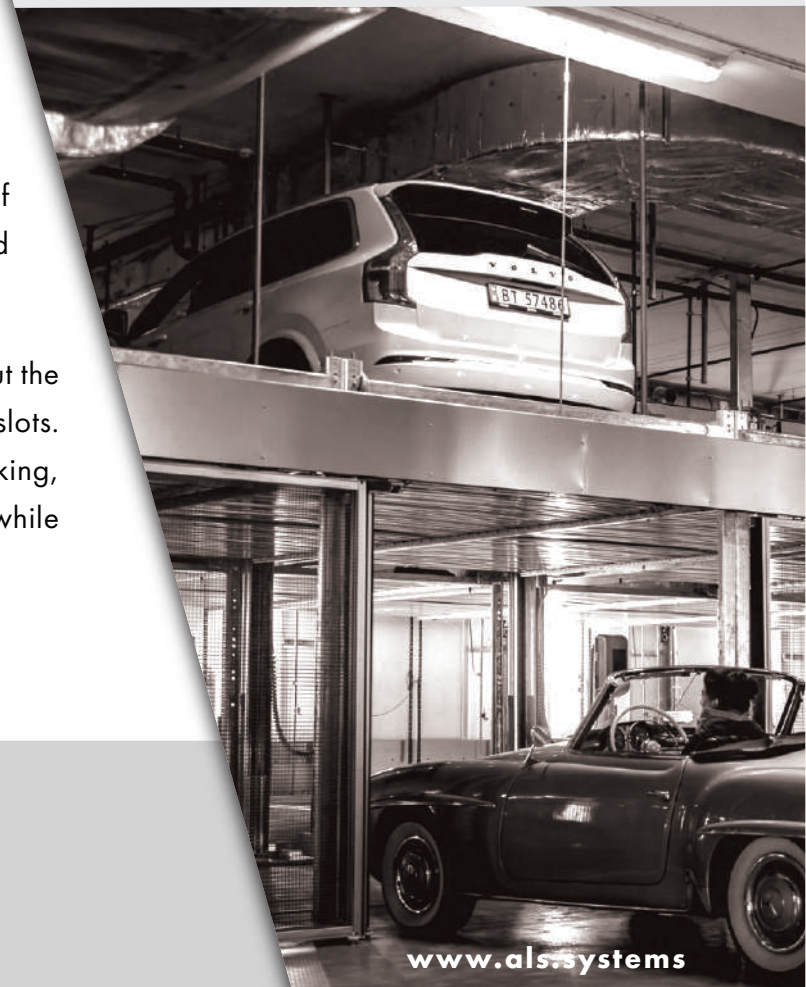
Whether for a villa, office building, residential compound, or public areas, with variety of technological supply, ALS covers the clients' needs of parking solutions by saving the space and ensuring the important safety measures for individuals and for the expensive cars.

Safe, secure, efficient and modern systems provide exclusivity to any construction project sorting out the major traffic choke points in busy city corridors – so identifying the absence of adequate parking slots. Designed to minimize the area and/or volume required for parking cars, similar to multi-story parking, automated car park systems stack the cars vertically to maximize the number of parking spaces while minimizing land usage for its installation.

## Automated Car Park Systems:

- Car Park Systems (MCPS)
- Multilevel Puzzle and Semi Automated Car Park Systems
- Fully Automated Car Park Systems

# CAR PARK SYSTEMS



# ALS

ALS  
ADVANCED  
LOGISTIC SYSTEMS  
MATERIAL HANDLING SYSTEMS

## WITH EXPERIENCE IN AUTOMATION

## BAGGAGE HANDLING

and engineering worldwide, Advanced Logistic Systems the baggage handling systems specializes in the baggage handling systems, turn key job for check-in, belt or tray conveyor systems, sorting systems, and baggage claim technologies operated by state-of-art software.

Explore the customization and individual approach to any airlines needs to fit to high level passengers' satisfaction.





## THE OVERVIEW OF THE TYPICAL NEEDED LOGISTICS

## LOGISTIC CONSULTANCY

today can significantly differ from the principles and solutions of tomorrow. The innovation boost, the need of extreme operations and non-stop world growth define the technological and managerial approach to all communication between stakeholders in the industry.

Connecting countries, suppliers and manufactures, 3PL, 4PL and 5PL enterprises and clients, the logistics today are the result of continual inevitable evolution. Building long-term strategies, Advanced Logistic Systems relies on the qualitative and quantitative analysis forecasting the project growth and operational needs.

With more than 25 years international experience in the field, the ALS Team of professionals develops a customized approach, establishes innovative solutions, makes recommendations for improvement, and offers assistance with, or take full responsibility for the implementation of each activity.



## ADVANCED LOGISTIC SYSTEMS OFFERS

maintenance and after sales support for all types of air cargo handling, Automated and mechanized Warehouses and Car Parking Systems equipment. We provide 24/7 remote and onsite access and hotline support.

- Maintenance and after sales support and baggage handling systems
- Air Cargo Handling & Warehouse Equipment such as: ETVs (Elevated Transfer Vehicles), Truck Docks, ULD Handling Equipment/Workstations/Pallets Hoists/Goods Lifts, Belt conveying and sorting systems, Powered Conveyors, Automated volume and weight measuring systems for pallets & ULDs, Stacker Cranes, Castor Decks/Ball Decks/Free Gravity or Motorized Roller Decks, Control Cabinets & PLC
- GSE Equipment such as; Aircraft tow tractors, baggage tow tractors, and related components
- IT Support for Inspection / Diagnosis / Repair of Automatic Storage and Retrieval Systems (ASRS) PLC Control Systems and SCADA Material Handling Control System (MHCS) Software Support
- Extended Standby Service & Trouble Shooting through 24/7 Remote Access Service / Hotline for Automated Systems and associated components

## MAINTENANCE AND AFTER-SALES







**MATERIAL HANDLING SYSTEMS**  
Since 1996

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**Consultancy**



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**Car park**



**Cargo handling**



**Warehouse intralogistics**