



ELWIS

The smart cargo handling solution for the digital age

ELWIS is the next generation system for air cargo ground handling from Lufthansa Industry Solutions. ELWIS integrates all aspects of cargo handling, from documentary and physical handling, messaging and invoicing, through to service level monitoring, into one coherent, efficient process. Its powerful messaging module forms the hub for all communication with customers and partners, while the smart/ELWIS tablet app removes the need for paperwork in the warehouse. ELWIS is the smart air cargo handling application for the next generation.

ELWIS

ELWIS covers the entire handling workflow, from physical and documentary handling, through to AWB management, messaging, customs clearance, and invoicing. ELWIS increases cargo throughput, reduces handling costs, improves transparency, and creates the necessary conditions for growth and the best in customer satisfaction.

Cost-Savings Thanks To Seamless Integration

The modular structure of ELWIS allows cargo handlers to map the system to their workflows, and integrate technologies such as wireless communication, stacker systems, weight scales, and barcode scanning on the fly. Our solution also gives our customers the power to expand according to their needs. In the course of ongoing developments, ELWIS anticipates new market requirements and the latest industry standards, such as Cargo IQ (formerly Cargo 2000), e-freight, security, and paperless customs clearance.

Simplified Workflows in a Paperless Warehouse

- Automated and streamlined, simplified handling workflows with scanners increase handling capacity by 95%
- The need for paperwork in the warehouse and separate data entry in the back-office is eliminated by the tablet

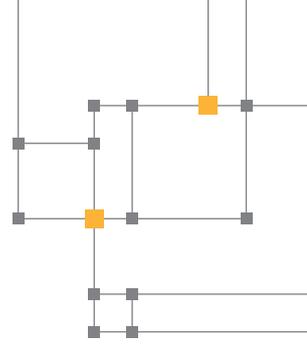
app smart/ELWIS integrated into ELWIS. Use smart/ELWIS to record damage (including photos), DGR checks, security checks, and materials used, without having to make any entries on paper forms.

Improved Customer Satisfaction

- Real-time messaging meets the information requirements of airlines, agents, and customs
- Monitoring and reporting on Service Level Agreements ensures that the quality standards agreed with customers are really met.

Reduced Workloads

- Just one front-end for handling all airlines
- No more duplicate data entries
- No need to train users on multiple systems



Features and Functions

Its modular structure means ELWIS meets all your demands for complexity. ELWIS matches your business needs here every time.

A powerful warehouse module allows you to quickly and securely perform all aspects of your manual work with handheld devices equipped with scanners. This module is fully customizable to the handling agent's workflow and supports handling at all levels.

ELWIS lets you inform your customers and partners proactively with automatic status messages.

A comprehensive and highly flexible invoicing module helps you keep full control of your financial transactions. Multiple interfaces allow you to seamlessly integrate the solution into your environment and link to your partners (airlines, forwarders, customs ...) via

SITA, Arinc, e-mail, JMS queues and more. Integrated process and quality monitoring, tracking and tracing, reporting, and irregularity handling simplify supervising your operational flows.

Multi-Company, Multi-Station

ELWIS handles multiple companies and multiple stations seamlessly in just one set-up. This means that you can configure the system to handle your stations, either as separate corporate identities, with no data sharing between them; or separate stations, with some data (master data, invoicing data) being shared across all stations.

smart/ELWIS: The App for a Paperless Warehouse

The smart/ELWIS tablet app allows you to capture relevant data on the warehouse floor quickly using configurable electronic versions of standard forms (CDS, CSD, DGR check sheets ...). It also allows you to take photographs and automatically send e-mails containing PDF attachments

to your customers. You can use the tablet app to identify the status and locations of particular shipments or ULDs and perform a warehouse inventory.

ELWIS Cloud Solution

Lufthansa Industry Solutions offers ELWIS as a cloud service – all you need to access the system is a web browser. The cloud solution gives you full access to all features including scanning. Our comprehensive solution allows you to handle SITA and e-mail without any need to set up any of these services. Fees are charged on a pro-rata basis depending on the functions you use.

For air cargo handlers in the USA

ELWIS interfaces with Lufthansa Industry Solutions' U.S. customs interface system Cuslink in order to provide seamless customs clearance at U.S. airports.

The AdvancedCustoms application Cuslink is a fast, cost-effective solution to the air AMS compliance needs. It contains a full range of functionality, easily controlling the information being exchanged with U.S. customs.

The screenshot shows the ELWIS software interface. At the top, there's a menu bar with options like 'File', 'Export', 'Tracking & Tracing', 'Import', 'Transit', 'ULD-Control', 'AWB-Data', 'SLA', 'Invoicing', 'Statistics', 'System', '?', 'Admin', and 'Window'. Below the menu, the main window is titled 'Export Acceptance'. It has an 'Insert' button and an 'Update' button. The form contains several input fields: 'Sender' (RA), 'Forwarder', 'Transporter', 'Declaration verified' (checkbox), 'Driver name', 'ID Nbr', 'Flight' (01SEP2016), 'Origin-Offload' (FRA), 'Cust. Ind' (C), 'Truck' (2016), and 'Registration Nbr.' and 'Valid Until'. There are 'Options' and 'Select' buttons on the right. Below the form is a 'Results' section with a table. The table has columns for 'HAWB', 'Declared', 'Actual', and 'Total', each with sub-columns for 'Pcs' and 'Weight'. The table is currently empty. Below the table are 'Add' and 'Delete' buttons. At the bottom, there's a 'Shipment Data' section with fields for 'SPL', 'Group Header', 'Volume', 'Status', 'Damages', 'Secure', 'High Risk', 'Late Arrival', 'Truck', 'Connecting flight', 'Offload 2', 'Consignee', 'Temperature', 'Conditionally Received', 'Documents Received', 'eFreight', and 'Reason'. There are 'Overwrite', 'Print', 'Save', 'Cancel', and 'Exit' buttons on the right side of the form.