

AdvancedCustoms

Hosted, Web-Enabled U.S., Canadian and Mexican Customs Messaging Engine

Based on a solid and open architecture, Lufthansa Industry Solutions provides a customs interface system which is an ideal solution for industry operational requirements and regulatory compliance. As you are aware, the mandatory requirements of U.S., Canadian and Mexican customs are complex. Therefore, air cargo carriers need a solution which deals with fulfilling these requirements in real time. Lufthansa Industry Solutions offers you a solution which meets these challenges: AdvancedCustoms – the air cargo AMS interface of choice. Many airlines are already deriving the benefits and advantages of AdvancedCustoms.

AdvancedCustoms creates value

- **Money:** Reduce costs per air waybill by high degree of automation
- **Quality:** Use complete referentials with comprehensive history
- **Time:** Accelerate handling and settlement by high degree of automation
- **Flexibility:** Take advantage of flexible, open architecture
- **IT architecture:** Reduce costs by centralized distribution due to web-based architecture

Today's air cargo carriers are striving to successfully participate in the market growth while facing increasing customer and authority demands and fierce competitive pressure. In order to achieve their targets, they need to rely on secure, scalable and flexible IT systems.

Lufthansa Industry Solutions is pleased to introduce you to its fast and cost-effective AdvancedCustoms solution which deals with fulfilling the mandatory U.S., Canadian and Mexican customs' requirements to meet the compliance needs.

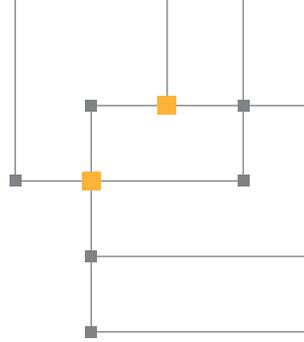
AdvancedCustoms: The fast, cost-effective solution to your air AMS compliance needs

The system contains a full range of functionality, easily controlling the information being exchanged with U.S., Canadian and Mexican customs. Through easy-to-use action windows, you can conveniently conduct reporting to the respective customs

authority without the need for papers and documents in order to provide seamless customs clearance at U.S., Canadian or Mexican airports.

AdvancedCustoms is a fast, cost-effective solution to your air AMS compliance needs. The solution complies with the Automated Manifest System (AMS) as put forth in the U.S. Trade Act of 2002, by the Canadian Border Services Agency (CBSA) and by the Mexican Customs Servicio de Administración Tributaria (SAT). AdvancedCustoms is a web-enabled interface to the customs authorities. The immediate data transfer ensures the fastest possible clearance at customs, availability for consignees and enables the interception of potential holds before they become a clearance problem.

Furthermore, AdvancedCustoms facilitates flight and air waybill (AWB) reporting by providing manifest data (FWB, FFM, FHL and FUM message according to



IATA Manual Cargo IMP) for clearance and archives customs clearances for each shipment. The solution is easy to use and accessible through a standard web browser from the nearest desktop. AdvancedCustoms takes charge of the electronic filing and amending of air waybills and ensures the prompt scheduling of shipment pick-ups and deliveries, allowing also for the tracking and tracing of the shipments with regards to customs status.

In addition, the AdvancedCustoms application supplies the Air Cargo Advanced Screening (ACAS) module. ACAS allows the CBP and the Transportation Security Administration (TSA) to receive advance security filing cargo data as a means to target cargo shipments inbound to the United States that may be high risk and require additional physical screening under the appropriate regulatory framework and protocols.

AdvancedCustoms provides three interfaces

- **Cuslink:** An interface for carriers to the U.S. Customs Automated Manifest System (AMS)
- **CanCus:** An interface to the Canadian Advance Commercial Information (ACI) Reporting System
- **MexCus:** An interface to the Mexican Customs Servicio de Administración Tributaria (SAT)

All messages processed by AdvancedCustoms are forwarded automatically to the TSA and the user interface provides immediate information on the customs clearance status based on TSA responses. Since Lufthansa Industry Solutions is a certified IT-Service center, lengthy testing is eliminated when providing carriers with this interface to U.S., Canadian or Mexican customs. When applying the ASP version of AdvancedCustoms, there is no need for time-consuming integration or message formatting. AdvancedCustoms uses interface modules that are directly connected to ACE/ACI/SAT, with communications occurring through the IATA cargo IMP or cargo XML format.

Features

- Fast and easy implementation of U.S., Canadian and Mexican customs compliance
- Facilitates electronic filing and amending of air waybills
- Enables flight departures to be communicated electronically
- Promotes prompt scheduling of shipment pick-ups and deliveries
- Allows carriers to designate cargo as general order through AMS
- Affords viewing of all shipment and flight details, including current AMS status
- Enables easy updating of shipment information
- Allows for resending of shipment details to AMS

AdvancedCustoms can be used as a single module, which easily integrates with existing IT systems: Via a customizable interface, the AdvancedCustoms module is able to communicate with any cargo airline legacy system, requiring only a minimum of changes in existing systems.

The solution is fully supported with central system upgrades and the maintenance of all software enhancements including a 24x7 help desk.

Lufthansa Industry Solutions is prepared to provide full implementation by skilled Information Technology professionals knowledgeable regarding industry operational requirements and regulatory compliance. Through a training program, all users are taught to take full advantage of the robust functionality afforded by this cost-effective ASP solution.

We would be happy to present this new solution in our service portfolio to you and discuss your individual needs to meet the CBP, CBSA or SAT requirements.

To learn more about AdvancedCustoms of Lufthansa Industry Solutions, please do not hesitate to contact Lufthansa Industry Solutions representatives.