Resource control in an airline is a tedious and complex activity. One reason is that the largest expenses such as those associated with fuel, airport and air traffic control are not covered by purchase orders. They are just generated during operations. What's needed is integration. At Lufthansa Systems, we have integrated the operational airline IT world into the already integrated ERP world. We have developed a cost accounting template that can be integrated into your ERP (i.e., SAP, Oracle or MS Dynamics). This integration encompasses the automation of invoice processing.

**Benefits of the integrated Cost Accounting template**

Costs are calculated by resource consumption, not by invoice allocation, and evaluated with the unit cost. Because this is done on an event-driven basis for each single transaction, the ERP module can provide real time, actual costs by cost type on the lowest detailed level possible of resource consumption.

1. **Automated posting of costs in financial accounting**
   - Obtain accurate and complete cost information in real time with full transparency
   - Gain administrative cost savings

2. **Automated invoice processing**
   - Perform invoice audits based on pre-posted accruals
   - Realize time and administrative cost savings through better invoice controls

3. **Automated profitability reporting**
   - Achieve ready access to route profitability
   - Benefit from profitability reporting for other areas such as passenger groups, activities, aircraft, suppliers, etc.

**Sirax AirFinance Platform**

This solution is a component of the Sirax AirFinance Platform.

The first fully-integrated financial platform covers all of an airline’s core finance processes, from revenue accounting to cost controlling. The solution meets market challenges, while providing full compliance with all IATA requirements (i.e. SIS and EMD). You can use the entire suite to reap the full benefits of an all-in one integrated solution, or you can select specific modules and combine them according to the individual needs of your business. Learn more about our platform by visiting us at [www.LHsystems.com](http://www.LHsystems.com).
Features and functions

Our plug-in template easily plugs into the ERP to provide complete control across the entire span of cost-related end-to-end processes. Our Cost Accounting ERP add-on template collects consumed resources (cost drivers), evaluates them through the automated application of unit cost information, and then automatically posts them on accounts in Financial Accounting. The Lufthansa Systems template enables additional characteristics to allow recognition of costs to various dimensions on the lowest detailed level possible (e.g., single leg, single flight, cost center, customer, projects and processes).

Further, the Lufthansa Systems template facilitates full transparency of end-to-end processes and business logic. Airline processes are mapped end-to-end, also taking into account the event-driven process chains of peripheral systems (e.g., Flight Planning, Flight Watch, Crew Management, Fuel and MRO systems) that will be transported into ERP.

Obtain detailed result information

By gaining access to other critical revenue information, your airline will also increase its capabilities significantly along with achieving a completely new view on your ERP. You will realize both a clear cost view and analysis, as well as a similarly structured view of revenues. This, in turn, provides you with comprehensive information and facilitates an analysis of results at any level of detail and any dimension.

Collect and transfer all cost drivers

Transfer all cost drivers from within and from outside the ERP system.

Maintain a unit cost data base within ERP

Our platform provides a unit cost data base with historical, actual and expected future unit costs. This enables the cost accounting module to compare actual costs with previous period costs, calculated budgets and forecasts in your company’s financial planning process.

Profit from the Invoice Converter

Now you can overcome a core obstacle associated with e-Invoicing: inefficient paper-invoices. The process is simple. Your suppliers send their invoices as PDF files. The Invoice Converter then automatically creates an e-Invoice data set (i.e., IS-XML, XML, CSV or other) according to your needs. There is no need for your suppliers to install any software or change their billing system. You receive a viewable invoice (PDF) and a readable (e.g., IS-XML) invoice data set. The end result: your account payable processes are automated, fast and cost-efficiently.

System requirements:

- Existing ERP system
- Easy installation of Sirax Cost Accounting during implementation of a new ERP system

Contact us today and have your actual real-time profitability results at your fingertips by tomorrow.