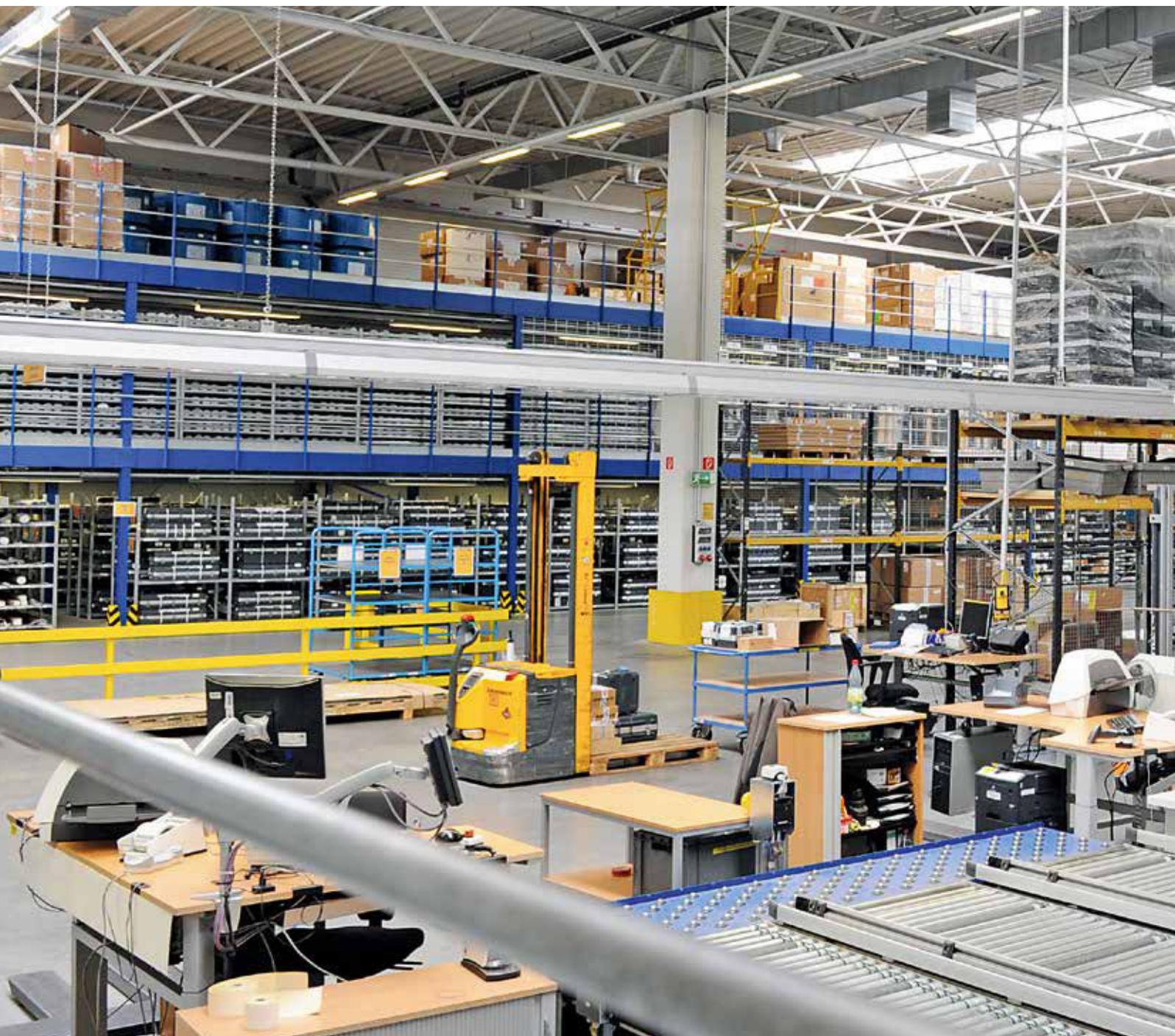


LRU pool for the world

With the LRU pool now concentrated at the **new distribution center** site in Frankfurt, the construction of a state-of-the-art warehouse and extensive automation of processes, Lufthansa Technik has laid the groundwork for supplying its customers even more quickly and more reliably.



To ensure their component logistics are fit for the future, Lufthansa Technik and Lufthansa Technik Logistik Services have completely reorganized the provisioning of line replaceable units (LRUs) to customers. The goal of the wide-ranging project was to speed up all process steps of the component cycle. The new material distribution system is based on supplying customers from a single central location with fast global transport connections.

The key step of the reorganization was building a new material warehouse in Frankfurt that features state-of-the-art tech-

nology. The new distribution center in the southern part of Frankfurt Airport covers 8,500 square meters. 30,000 aircraft components, the combined stock of the former Hamburg and Frankfurt storage facilities, are located here.

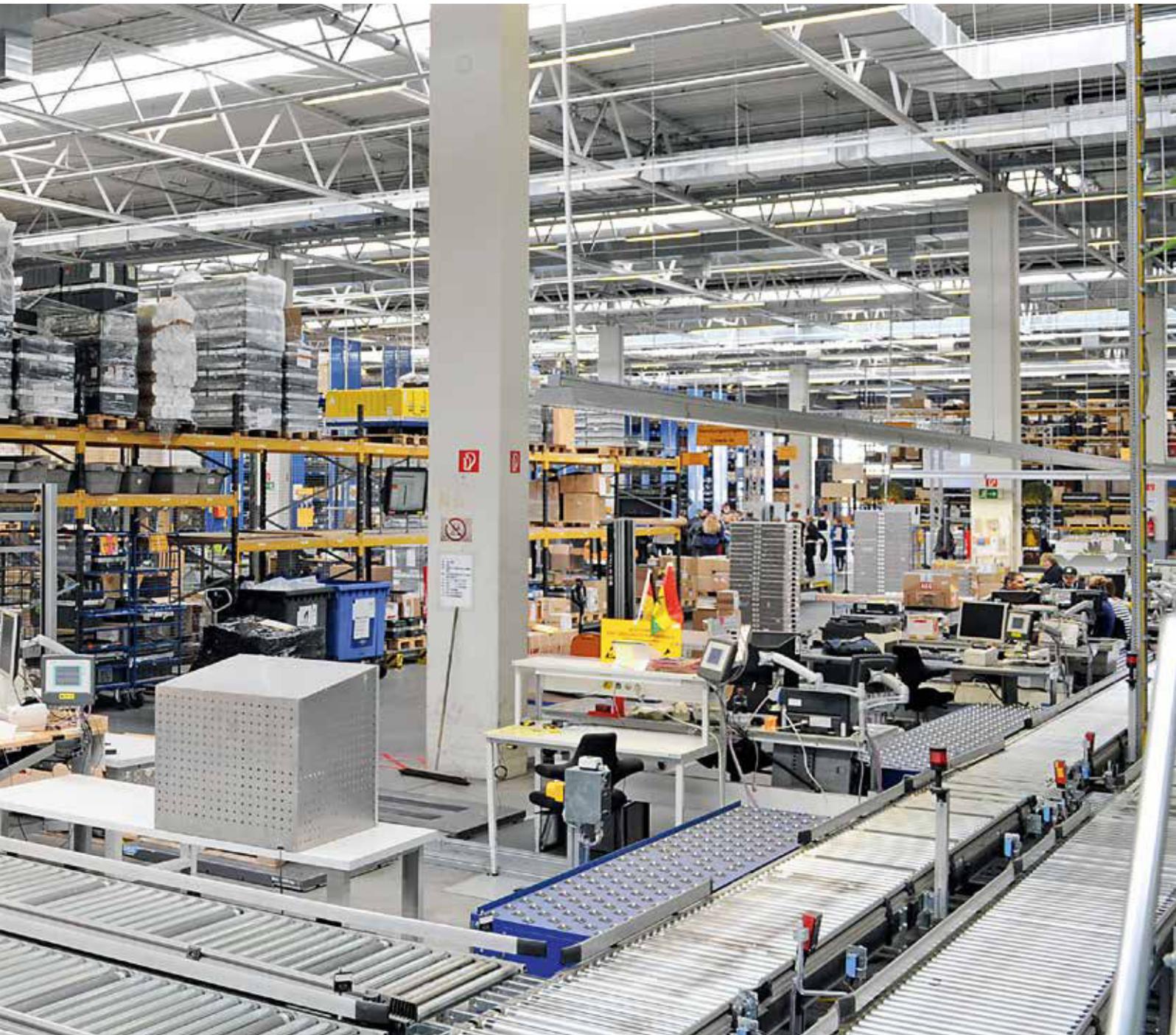
Central warehouse in Frankfurt

The new distribution center is designed to meet the particular needs of component supply: from automatic order receipt through fast dispatch planning and processing to smooth transportation to customers.



Ribbon cutting (from left to right): Andreas Meisel, Managing Director of Lufthansa Technik Logistik Services, Dr. Peter Jansen, Chief Financial Officer of Lufthansa Technik, and Harald Gloy, Senior Vice President Aircraft Component Services.

 Please continue on page 8



When it comes to storing the components themselves, another important departure from prior practice has been implemented: parts are now packed ready for shipping even before being placed in storage. At this point there is plenty of time to perform this task. The component's measurement and weight data is registered in the system before the package is sealed, together with the appropriate documentation.

Multi-use packaging

The right packaging is an important part of component logistics. It ensures speedy delivery, high quality by minimizing the risk of damage during transport, and low overall cost. To meet the high expectations of its customers even better, Lufthansa Technik has changed to reusable packaging for all suitable shipments of LRUs.

These boxes meet the requirements of ATA Spec 300 category 1. The use of purpose-made boxes saves time and reduces costs because it limits the amount of unnecessary re-packaging along the entire internal and external supply chain. The

supplied packaging also ensures that components are well protected during transport and storage. The packaging is certified for at least 100 cycles. For the safety of components, Lufthansa Technik advises customers to use the multi-use packaging provided for the return of the serviceable or unserviceable component.

Another revolutionary step is the automation of disposition and shipping. The reservation of available LRUs and the automatic scheduling of an individual supply chain occur within seconds after the customer has placed his order via the new customer portal m/material 3 or after his material planning system has registered the need via the existing interfaces. Individual logistical factors and agreements are included in the automatic planning and the probable delivery date is determined. Only in special cases (e.g. hazardous materials) logistics planning is performed manually. This provides a rapid and efficient order process.

In order to provide the best possible service for the customers, Lufthansa Technik and Lufthansa Technik Logistik Services have developed a tailored solution for physical logistics of LRUs. The processes feature many concepts to significantly shorten lead times and enhance reliability and traceability in parts provisioning. Once the required package has been removed from storage, shipping documents, automatically issued beforehand, are attached at a printing station. Because all the tech-



With this advanced concept, customers are offered unmatched performance from the industry leader in aviation logistics and material supply.

*Prof. Dr.-Ing. Dominik Matt
Logistics expert*

nical and logistical properties of each part are already known, processing can be done while the material ordered is still in store. Thereby the process is substantially speeded up.

Other components of the concept are further automation, e.g. customs processing and an automatic small parts ware-



For more information about Lufthansa Technik Logistik Services scan the QR Code.

The logistical heart

// Airline customers around the world are supplied quickly and reliably with components from Frankfurt. The Distribution Center Europe is sited at one of the largest airports in Europe and thus is optimally connected to the international transport network.//

house, a system supported production control as well as an improved order processing.

The new LRU logistics offer a number of major advantages for customers of Lufthansa Technik and Lufthansa Technik Logistik Services. Besides enabling a faster and more accurate processing of requests, the new logistics design helps to avoid mistakes and misunderstandings. Subsequently, the contractual service requirements will be met more effectively.

A win-win situation

This means that the MRO provider and its subsidiary that specializes in aviation logistics are now able to align the pool inventory more closely to the requirements of their customers.

Prof. Dr.-Ing. Dominik Matt, one of the leading logistics experts in Europe, attended the development and realization of the concept. He says: "Having realized this advanced concept, Lufthansa Technik and Lufthansa Technik Logistik Services are not only offering its customers unmatched performance, but they also underline the claim of being the industry leader in aviation logistics and in material supply."

The new facility was formally commissioned at an official opening in March 2014. Customers of Lufthansa Technik and Lufthansa Technik Logistik Services now have a powerful tool available for fulfilling their respective service promises, truly enabling "smart moves" for "more mobility".

For more information:
www.ltls.aero



Complete transport logistics for SWISS

Swiss International Air Lines (SWISS) has entrusted its entire spare parts logistics to Lufthansa Technik Logistik Services. The aviation logistics specialists will take over all transport services for SWISS everywhere in the world, including standard transports and special services such as the transport of aircraft engines.

// Under a long-term agreement, Lufthansa Technik Logistik Services as the aviation logistics specialist in the Lufthansa Technik Group will also take on the local handling of material supply at the airline's hub in Zurich as well as at the airports in Basel and Geneva, encompassing packing, customs clearance, shipping and documentation. Moreover, the company will serve as the hazardous goods officer for SWISS and is responsible in that capacity for the production of hazardous goods documents.

"We anticipate that the support we receive from Lufthansa Technik Logistik Services will significantly improve the performance of our material supply processes and ensure greater transparency in the transport chain. We expect to benefit from a less expensive cost base as well as synergies from the Lufthansa Group," says Peter Wojahn, Chief Technical Officer at SWISS. "We are very pleased that SWISS has entrusted us with the job of bundling all the transport services it needs into a seamless concept," adds Andreas Meisel, Managing Director of Lufthansa Technik Logistik Services. "In this context, our Transport Management service delivers genuine added value."

Lufthansa Technik Logistik Services relies on its Logistics Control Tower (see page 22) to ensure the optimal management of all transports via its flow control product. The Logistics Control Tower enables SWISS to maintain a complete overview and the control over its material flows, both between its own sites worldwide and from material suppliers and repair shops to the SWISS sites in Switzerland. Lufthansa Technik Logistik Services' Flow Management team controls and monitors all the transport services provided to SWISS, serving as a central contact 365 days a year around the clock for all the affected areas at the airline, from purchasing to routine logistics to emergency logistics (Aircraft on Ground). In addition, SWISS is now using the Lufthansa Technik Logistik Services tracking platform L/track-ing for maximum transparency. //



Signing ceremony with SWISS: Peter Wojahn, Chief Technical Officer of SWISS (sitting left), and Andreas Meisel, Managing Director of LTLs (sitting right), with staff of the two companies.