

Deutsche Aircraft opts for an integrated security solution from Bosch Building Technologies for its new regional aircraft production site

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Comprehensive protection, efficient processes, and a high level of transparency at the Leipzig/Halle site

- ▶ Bosch acts as a single-source supplier for the technical building security and life safety systems at Deutsche Aircraft's new production site.
- ▶ Integrated solution creates the conditions for secure and efficient production operations.
- ▶ Fire protection, video surveillance, intrusion detection, access control, and voice alarm systems provide protection for people and assets alike.
- ▶ The integrated security solution supports Deutsche Aircraft's vision of an intelligent, networked factory and prepares the Leipzig site for future D328eco serial production.

Munich – German aircraft manufacturer Deutsche Aircraft is constructing a new production site for regional aircraft at Leipzig/Halle Airport and has selected Bosch Building Technologies to supply its building security and life safety systems. The product-agnostic systems integrator has planned and implemented a comprehensive, integrated security solution for the new complex, which comprises a final assembly line, a commissioning hangar, a logistics center, and an administrative building. The new final assembly line marks an important milestone on the journey to series production, bringing regional aircraft production back to Germany after a gap of approximately 20 years. The Leipzig facility will serve as the future home of D328eco final assembly, reinforcing Germany's position as a center for advanced regional aircraft manufacturing.

The new site follows the principles of an intelligent, networked factory and creates the conditions required for efficient and future-proof production of the D328eco, the next-generation regional turboprop from Deutsche Aircraft. The fire alarm, intrusion alarm, access control, video surveillance, and voice alarm systems installed by Bosch Building

Technologies are intelligently networked. At the heart of the solution lies the Building Integration System 360 (BIS 360): a higher-level management system that centralizes all security-related data and ensures that the responsible personnel are able to quickly assess and react to situations. The integrated approach supports operational excellence, process continuity, and scalable production as Deutsche Aircraft progresses toward industrialization of the D328eco program. "Each area of our new site has different requirements for security, safety, access control, threat management, and organizational security. In light of this, we are truly delighted to have Bosch Building Technologies by our side as a partner, given its extensive experience of complex and highly regulated industrial environments. The company's holistic approach supports the operational requirements of a state-of-the-art aircraft production site and impressed us right from the start," explains Sebastian Böhnle, Vice President Operations & Production at Deutsche Aircraft.

An impressive holistic concept for technical building security

Bosch Building Technologies planned and implemented the solution in strict accordance with its customer's specific operational and security-related requirements. In the administrative building, it is primarily a question of protecting employees, visitors, and sensitive business information. Meanwhile, the production and logistics areas are characterized by complex processes, goods flows, and safety-critical operations, all of which have to be reliably protected. In addition, the aviation environment in the hangar places particularly stringent requirements on access control, surveillance, and emergency management. For Deutsche Aircraft, having an integrated concept is crucial to creating the optimal production environment for the D328eco. The networked systems support operational continuity, protection of the infrastructure, and effective site management across all areas of the facility. In this way, they help enable smooth production processes and long-term scalability. "The integrated solution from Bosch Building Technologies offers more than just security. It helps make our operations more efficient and transparent while also future-proofing them. Integrating systems across the entire site enables us to simplify management processes and lay the foundation for producing the D328eco in Leipzig," explains Böhnle. "We are delighted to be contributing to this project as the partner responsible for technical building security. When faced with a situation that involves both complex production processes and maximum security requirements, you need solutions that work reliably," emphasizes Dr. Marcus Nadenau, Senior Vice President of the Building Solutions business unit at Bosch Building Technologies. As a specialist in industrial building solutions, Bosch is fully familiar with the particular requirements of state-of-the-art production and development sites. These range from ensuring a high level of process availability through to protecting sensitive infrastructure. In addition to this, Bosch has many years of experience in the airport and aviation sectors.

Integrated portfolio for complex requirements in an airport setting

To protect employees and buildings, Bosch Building Technologies has installed state-of-the-art fire alarm systems that detect potential hazards early on and quickly raise the alarm. Early detection is crucial for keeping people safe from fires in large production, storage, and hangar areas and preventing disruption to operations. The system also incorporates intrusion alarm technology and a comprehensive video surveillance solution. This ensures sensitive areas are protected and also provides a high level of transparency in day-to-day operations. Moreover, Bosch Building Technologies has implemented an intelligent access control system so that only authorized individuals can gain entry to specific areas. This enables precise and flexible control of different security zones within the complex. Particularly sensitive access points are further protected by special controlled entry systems to prevent tailgating. In the event of incidents or emergencies, the installed technology also supports safe evacuation processes along escape and emergency routes, so that employees and visitors are able to exit buildings quickly in critical situations. In addition, intercom systems have been installed to enable direct and efficient communication between security-relevant areas such as entrances, the security control center, and sensitive operational zones. A system of master key depots rounds off the overall security concept. This solution ensures that critical keys are readily accessible in an emergency – an important factor for the fire department and other emergency personnel.

About Deutsche Aircraft

Deutsche Aircraft is investing more than 100 million euros in the construction of the final assembly line at Leipzig/Halle Airport, underscoring its long-term commitment to the region and the German aviation industry. The company is aiming to produce up to 48 aircraft per year at the new production site.

The high level of automation and digitalization makes the final assembly line one of the world's most advanced production facilities for regional aircraft. The D328eco that is to be manufactured there is a modernized version of the internationally renowned and tried-and-tested Dornier 328 regional aircraft. A 40-seat next-generation turboprop, the D328eco is one of the most modern and efficient aircraft in its class. In addition to having significantly lower operating and maintenance costs, its fuel consumption is almost 15 percent lower than that of its predecessors. With the new production facility, Deutsche Aircraft reaffirms its clear commitment to establishing a modern, resilient and future-proof aerospace manufacturing ecosystem in Leipzig. Combining advanced production capabilities with integrated digital infrastructure creates the foundation for the long-term, scalable production of the D328eco while supporting the company's broader vision for sustainable regional aviation.

Press photos and infocharts are available on the Bosch Media Service at www.bosch-press.com.

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The Building Technologies division is one of the leading product-agnostic systems integrators for building technologies, employing around 9,100 associates worldwide (as of December 31, 2025). In 2025, the division generated sales of 2.3 billion euros. Bosch Building Technologies delivers solutions in building security, fire life safety, building automation, and energy efficiency to protect people and the environment. The division leverages the best systems and products on the market, including its own life safety systems as well as an expanding portfolio of digital services. Bosch Building Technologies' portfolio ranges from initial consulting and implementation to comprehensive support.

For more information, please visit www.boschbuildingtechnologies.com.

The Bosch Group is a leading global supplier of technology and services. It employs roughly 413,000 associates worldwide (as of December 31, 2025). The company generated sales of 91 billion euros in 2025. Its operations are divided into four business sectors: Mobility, Industrial Technology, Consumer Goods, and Energy and Building Technology. With its business activities, the company aims to use technology to help shape universal trends such as automation, digitalization, electrification, and artificial intelligence. In this context, Bosch's broad diversification across regions and industries strengthens its innovativeness and robustness. Bosch uses its proven expertise in hardware, software, and services to offer customers cross-domain solutions from a single source. It also applies its expertise in connectivity and artificial intelligence in order to develop and manufacture intelligent and user-friendly products. With technology that is "Invented for life," Bosch wants to help improve quality of life. The Bosch Group comprises Robert Bosch GmbH and its roughly 500 subsidiary and regional companies in over 60 countries. Including sales and service partners, Bosch's global manufacturing, engineering, and sales network covers nearly every country in the world. Bosch's innovative strength is key to the company's further development. Bosch employs some 82,000 associates in research and development.

Additional information is available online at www.bosch-press.com, www.bosch.com.