



Press Release

ELBE FLUGZEUGWERKE (EFW) MARKS 7-YEARS OF DENTCHECK USE FOR ENHANCED DAMAGE MAPPING AND REPORTING.

CONSTANCE, GERMANY & RANCHO CUCAMONGA, CALIFORNIA – JULY 23, 2025



Christian Haus
Production Planner
P2F Conversion & MRO

EFW uses dentCHECK from 8tree for large individual defects or for areas with numerous large defects (hail damage or stone hits) almost daily. The report generated by the 8Check software provides all important and essential data and information for our customers and the OEM. The time savings compared to ‘manual measurement’ are enormous, significantly reducing turnaround times in MRO. The support from 8tree is exemplary.”

The dentCHECK platform is the world’s only hand-held-portable, completely wireless 3D scanner tool with integrated AR that is purpose-built for the aviation maintenance industry and recognized by all major aerospace OEMs. It can also be found integrated into drones and robotic automation cells. Leading Airlines & MROs across the Commercial, Military, Cargo and Business aviation sectors use 8tree’s dentCHECK tool and 8tree’s dentCHECK-as-a-service for mapping aircraft damage and creating detailed SRM-compliant digital damage reports.

With integrated AR, dentCHECK empowers the aircraft technician with instant, actionable measurements for critical airframe damage while boosting consistency (18x), accuracy (20x), efficiency (90% time-savings) and eliminating human-subjectivity, compared to traditional manual inspection methods. dentCHECK delivers precision measurements ‘as simple as taking a photo’, and enhances safety through an improved understanding of airframe reliability.



Arun Chhabra,
CEO and Co-Founder,
8tree.

It is extremely rewarding when our customers rely on us to maintain their competitive edge. As one of the early adopters of the dentCHECK digitalized workflow, EFW’s continued standing as a power-user is a testament to how dentCHECK is designed to serve the needs and dent-mapping goals of the maintenance technician. We look forward to supporting EFW’s digital leadership role within the aviation maintenance industry.”

Learn how dozens of airlines/MROs are using dentCHECK by reading our [customer testimonials](#).



Elbe Flugzeugwerke GmbH (EFW), a joint venture of ST Engineering and Airbus, combines various aviation and technology activities under a single roof: development and manufacturing of fibre-reinforced composite components for aircraft structures and interiors of the entire Airbus family, the conversion of passenger aircraft into freighter configuration, maintenance and repair of Airbus aircraft as well as engineering services in the context of certification and approval. The company has a workforce of 2,100 employees and achieved revenue of €650m in 2024. With over 20 years of experience and more than 40 conversion customers worldwide, thereof the largest express carriers in North America and Europe but also renowned General Freight and Combination Carriers, EFW is the Centre of Excellence for freighter conversions, driving the development of the Airbus freighter family.

For more information, visit www.elbeflugzeugwerke.com
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8tree tools, technology and services boost your production quality with precision 3D measurement that is as simple as taking a photo.

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For more information, visit www.8-tree.com
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