



MULTI*WING

**SHAPING AIRFLOW
FOR FUTURE
GENERATIONS**

DNA: FLEXIBILITY & MODULARITY

You might know us as the modular impeller experts, and we still are. But we are so much more. Our proud heritage in aerodynamics has shaped a world-class fan company, in full control of motors, electronics and, at the core of the fan, the finest blades around. We take different roads and challenge the norms to bring you the best performance. A well-funded, global company with local presence, right where you need us.

* OUR MISSION

Shaping airflow for future generations

* OUR VISION

Become a global leader of energy saving and tailored airflow shaping fan solutions

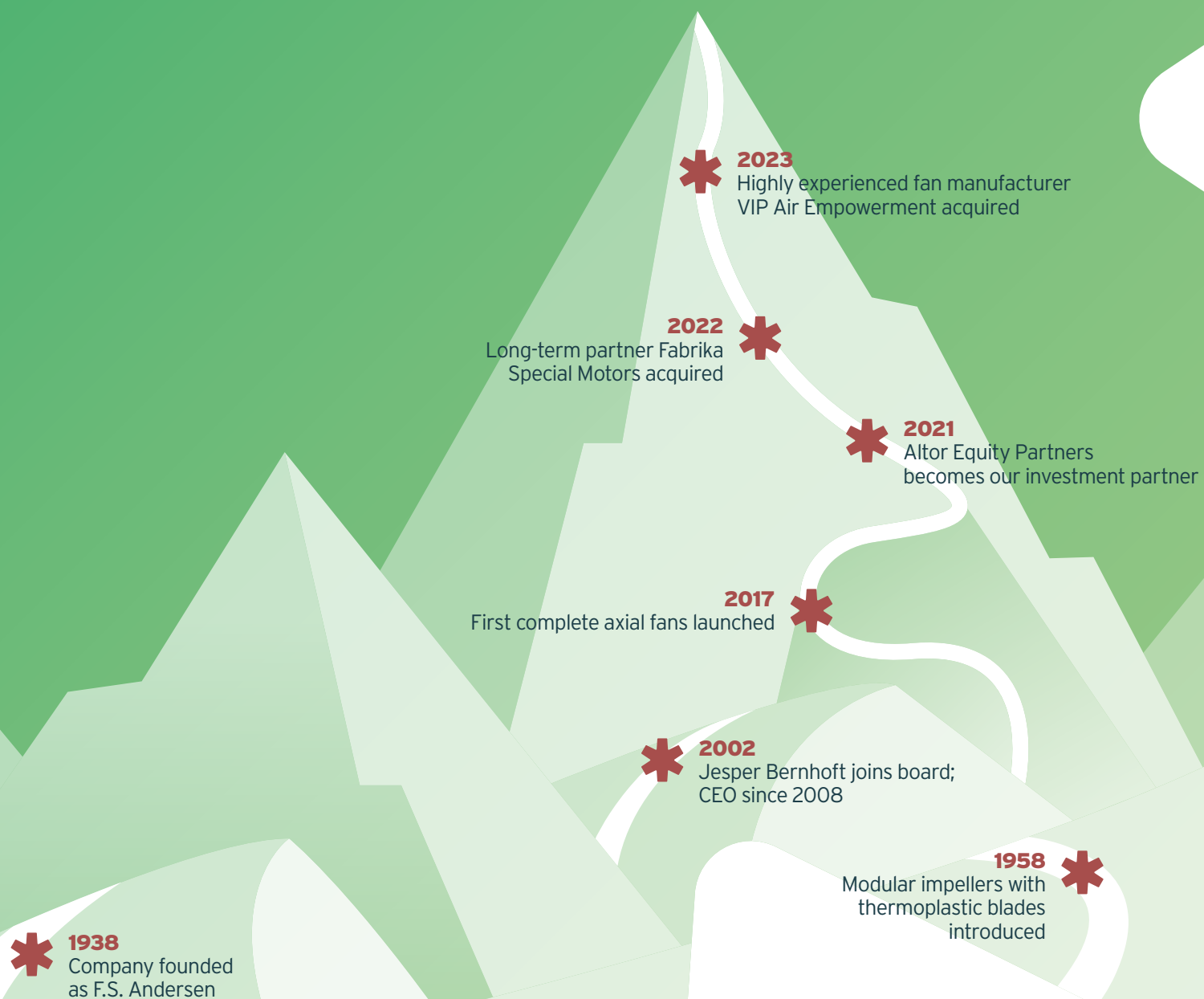
* OUR VALUES

Sustaining a culture based on trust



CLOSE TO A CENTURY OF EXPERTISE

FROM COMPONENT MANUFACTURER
TO TURN-KEY SOLUTION PROVIDER



MULTI*WING

DEEP AERODYNAMIC EXPERTISE AND LEADING R&D

- * More than 80 years experience as modular axial impeller front-runner.
- * Development centers in Denmark, Czechia, Italy, Spain, and China with wind tunnels and test facilities.
- * World-class R&D ensuring optimal impact and efficiency of all products.

GLOBAL FOOTPRINT WITH LOCAL PRESENCE

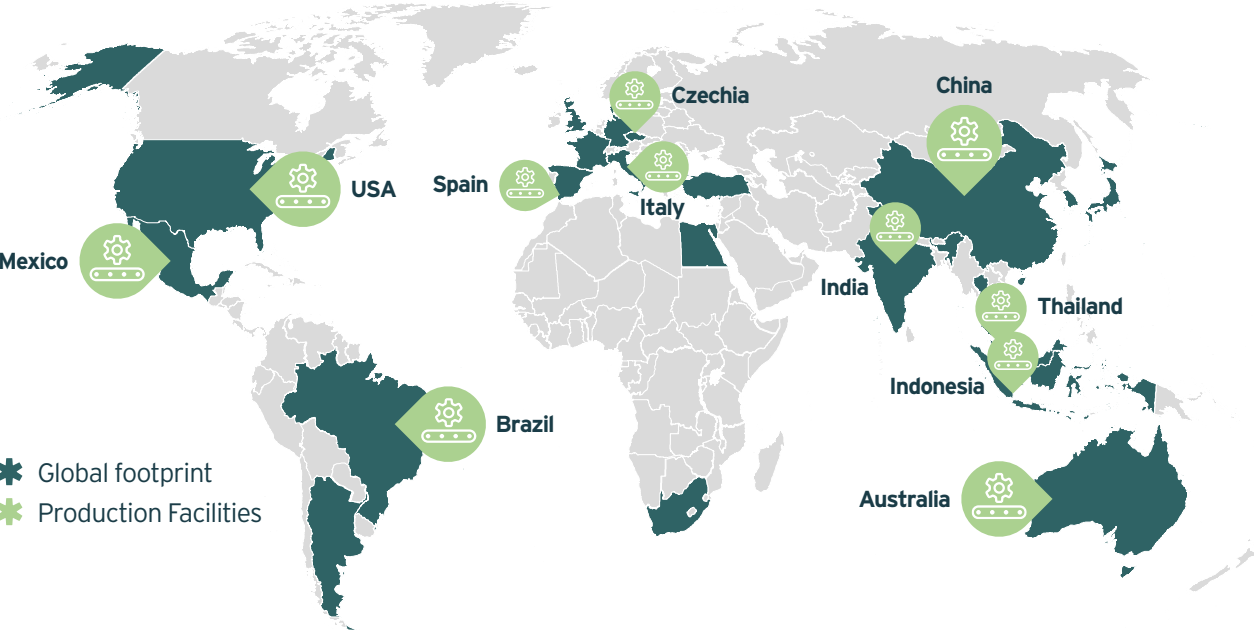
- * Production across North and South America, Europe, Asia, and Australia.
- * Local presence in 22 countries provide global availability and tailored customer support.
- * Global sourcing allowing flexibility and supply resilience.

AGILE PRODUCTION - FLEXIBILITY AND MODULARITY

- * Modular and customizable fan portfolio > 100,000 possible configurations
- * Rapid prototyping, flexible production with a global air-cooling systems component supply network
- * Agile production catering to any need

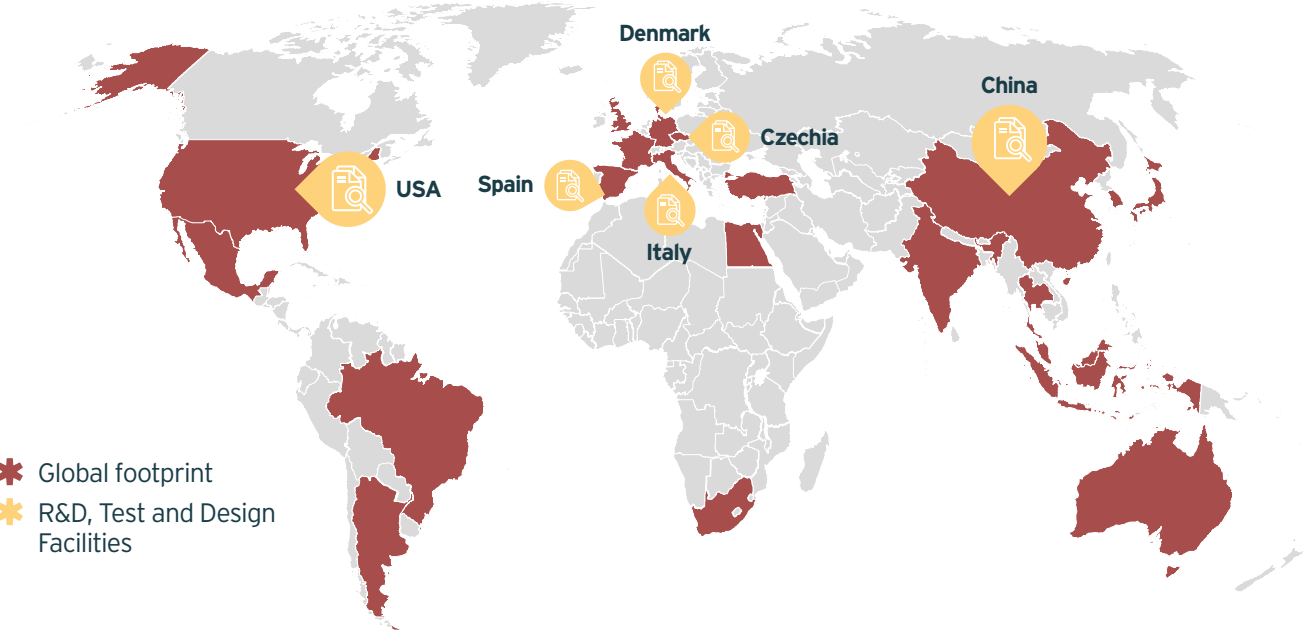
PRODUCTION SITES

OUR GLOBAL PRODUCTION NETWORK ALLOWS US TO DELIVER CUSTOMIZED SOLUTIONS EVERYWHERE.



R&D, TEST AND DESIGN

CLOSE TO OUR CUSTOMERS



RESILIENT, AGILE,
PRODUCTION AND DIVERSIFIED
SUPPLY CHAIN



Ohio / 1972
4,645 m² (49,998 ft²)
ISO 9001 and 140001 certified



Czech Republic / 2008
3,000 m² (32,292 ft²)
ISO 9001, 140001, 45001 certified



China / 2004
5,875 m² (63,238 ft²)
ISO 9001 and 140001 certified



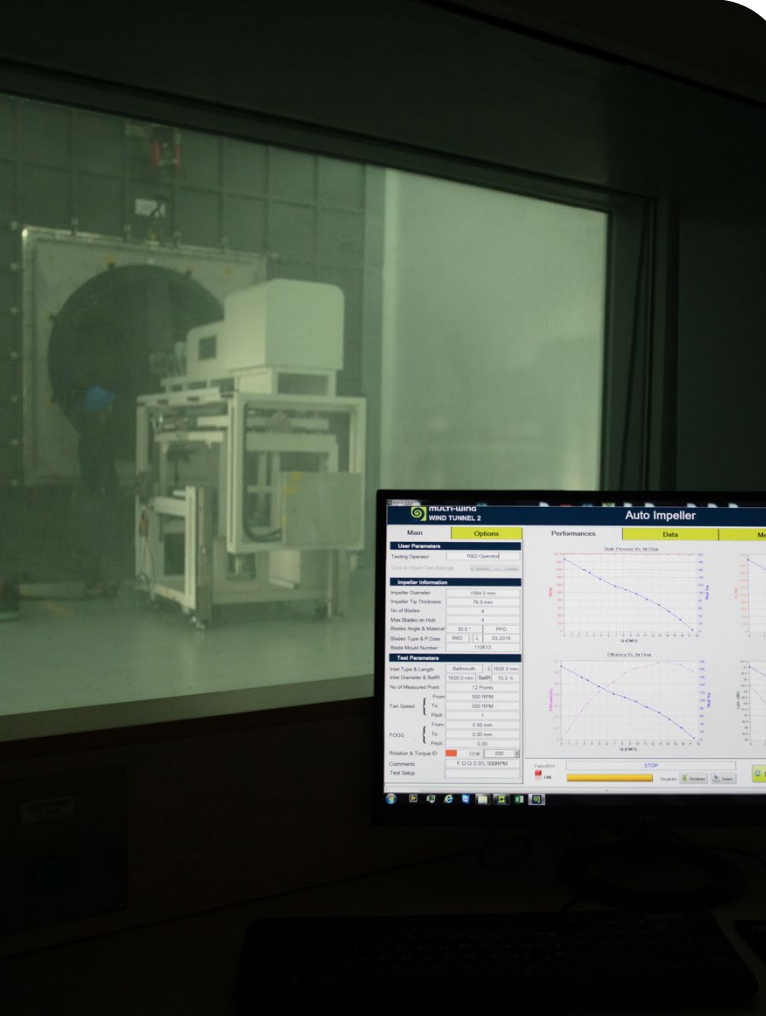
Italy / 2020
6,000 m² (64,583 ft²)
ISO 9001 certified



Mexico / 2023
10,000 m² (107,639 ft²)
ISO 9001 certified

We have R&D centers and advanced test facilities in Denmark, Czechia, Italy and China. Furthermore, we create custom and optimized designs in Spain, China and the USA.

Our test facilities hold semianechoic chamber for noise testing, AMCA certified wind tunnels for performance testing, application tests, and data generation for Optimiser, and mechanical test centers for spin burst testing, strain gauge testing, fatigue testing and other mechanical tests. Our electronic lab facilities include tests for electromagnetic compatibility (EMC), thermal behaviour assessments, advanced power measurement and stress test evaluations to ensure optimal performance and reliability.



OUR COMPACT INTERNAL ROTOR
MOTOR DESIGN IS...

BATTLE PROVEN



Quick overview on selected
examples on fanpack
produced.



Compact motor design / Condenser

Condenser with 500 AC fans in the desert

* 2005



Compact motor design / Air heaters

AC fan solutions for air heaters applications
(2,000 pieces)

* 2001



Compact motor design / Hot air generators, installations in greenhouse

AC fan solutions for hot air generators,
installations in greenhouses (5,000 pieces)

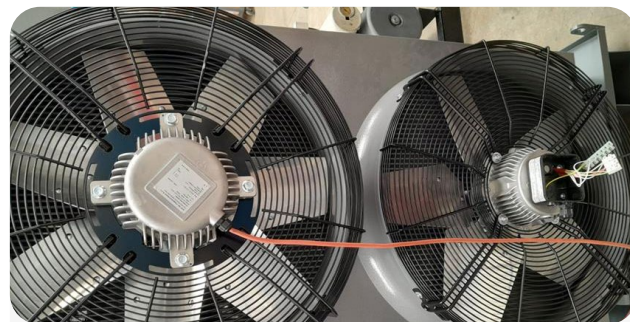
* Egypt / 2017



Compact motor design / Refrigeration system applications

Refrigeration system applications for the
germination of malt and hops for brewery
production.

* 2015



Compact motor design / Hydraulic oil cooling

AC fan solutions for battery manufacturers
(hydraulic oil cooling sector), with installations in
the ceramics sector and machine tool applications.

* Since 1997



Compact motor design / Motor ventilation systems

ABB and WEG have used our compact motors
in ventilation systems for MEC 80-355 motors,
recognizing them as reliable safety components.

* Since 2007



Compact motor design / Multiple applications in harsh environments

Ducted fan have been produced in multiple ranges
to support multiple industries across different
applications (e.g., cooling of the resistor group for
load testing of naval equipment)



TRUSTED BY LEADING OEMS

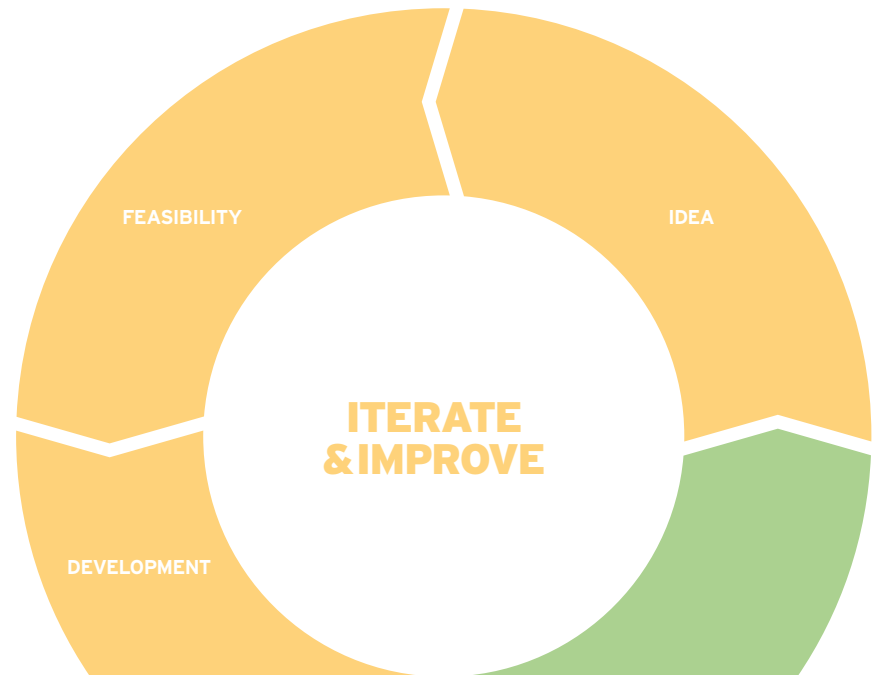
WHEN FLEXIBILITY IS KEY,
WE'RE THE COOLEST IN THE FIELD.

PLATFORM DEVELOPMENT PROCESS

**FROM COMPONENT MANUFACTURER
TO TURN-KEY SOLUTION PROVIDER**

We test performance of all products in own wind tunnels in accordance to ISO 5801 and AMCA 210 fig 12 & 15 for air performance and AMCA 300 fig 2 & 3 for sound. Semi anechoic test facility meeting ISO 3745:2017 requirements and testing is performed in compliance with ISO 3744, ISO 6393:2008 and ISO 6394:2008. Combined with various high-end diagnostic sound equipment, we can measure set-ups resembling real installations.



INFORM

LAUNCH

- REGULATORY
- MARKET
- CUSTOMER
- REQUIREMENTS
- TECHNICAL
- DFMEA
- INDUSTRIALIZATION
- VALIDATION

OPTIMISER FOR OPTIMAL AIRFLOW SOLUTION

Optimiser is Multi-Wing's product selection software which helps our customers to opt for the best axial fan solution matching their specific demands.



GLOBAL REACH, LOCAL PRESENCE

**FAST AND RELEVANT SUPPORT.
ANYWHERE IN THE WORLD.**

WHERE ARE YOU FROM?

**NO MATTER WHERE,
WE LOOK FORWARD TO SERVING YOU.**

GLOBAL HEADQUARTERS



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ASIA / PACIFIC

Australia • Tullamarine (Melbourne)
China • Suzhou
India • Pune
Indonesia • Bekasi (Jakarta)
Japan • Tokyo
Singapore • Singapore
Thailand • Samut Prakan (Bangkok)

EUROPE

Czechia • Nový Bydžov (Hradec Králové)
France
Germany • Quickborn (Hamburg)
Italy • Milan
Spain • La Roca del Vallès (Barcelona)
Ukraine • Horodok (Lviv)
United Kingdom

MIDDLE EAST / AFRICA

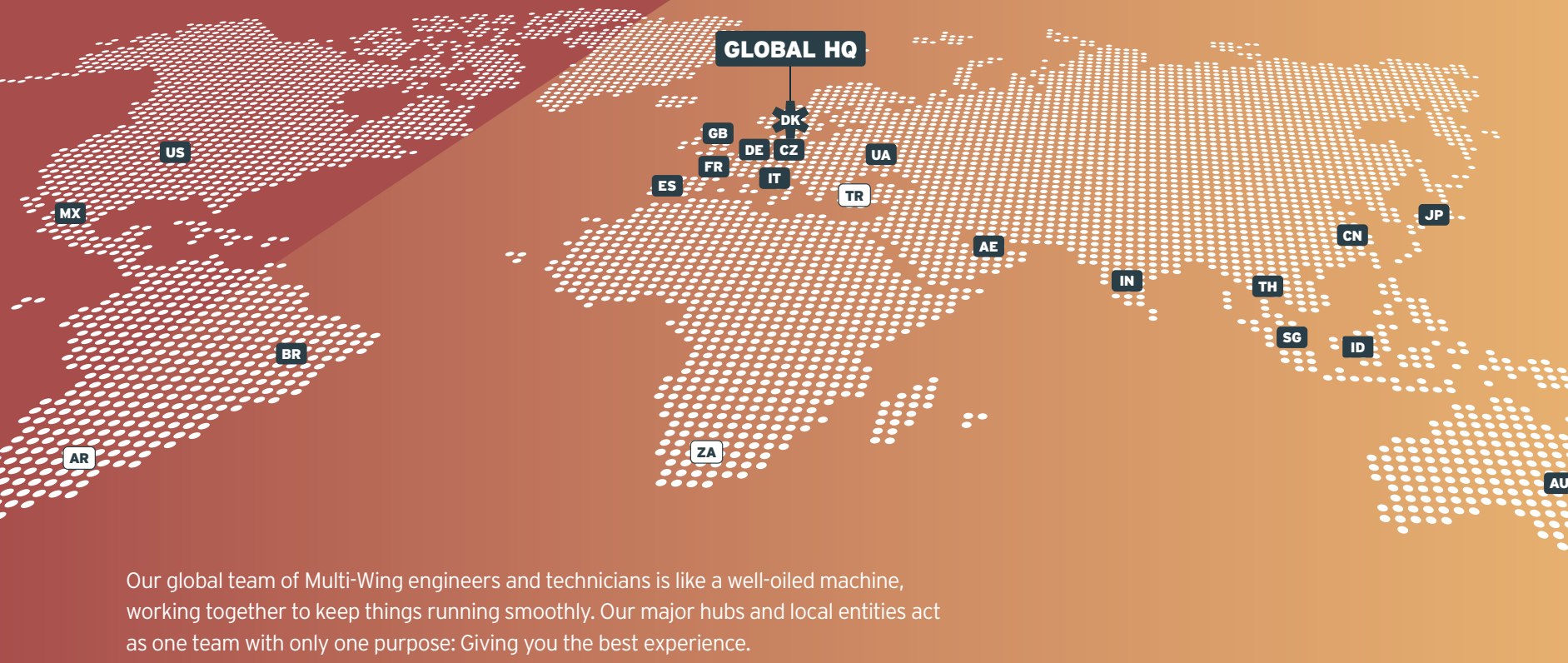
South Africa • Rispark (Johannesburg)
Türkiye • Istanbul
United Arab Emirates • Dubai

NORTH AMERICA

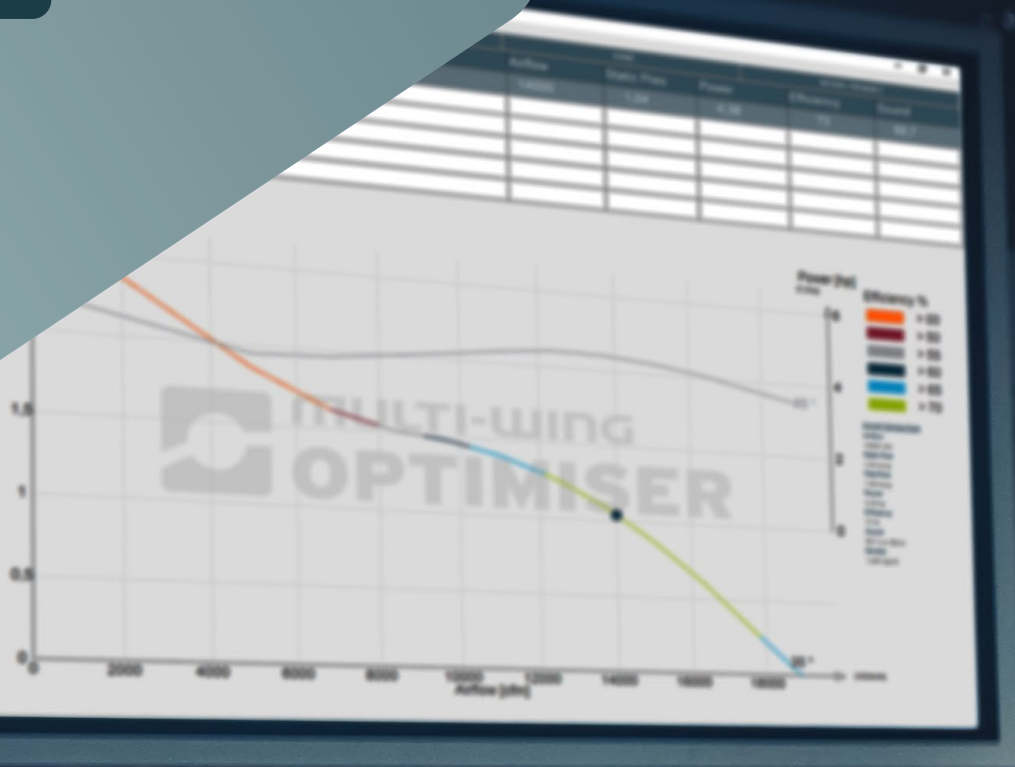
Mexico • Apodaca (Monterrey)
USA • Middlefield (Cleveland), Ohio

SOUTH AMERICA

Argentina • Buenos Aires
Brazil • Pomerode, Santa Catarina



Our global team of Multi-Wing engineers and technicians is like a well-oiled machine, working together to keep things running smoothly. Our major hubs and local entities act as one team with only one purpose: Giving you the best experience.



GET IN TOUCH

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