



**SAFETY. QUALITY.
CONFIDENCE.**
SINGLE-SOURCE SUPPLIER.

AEROSPACE

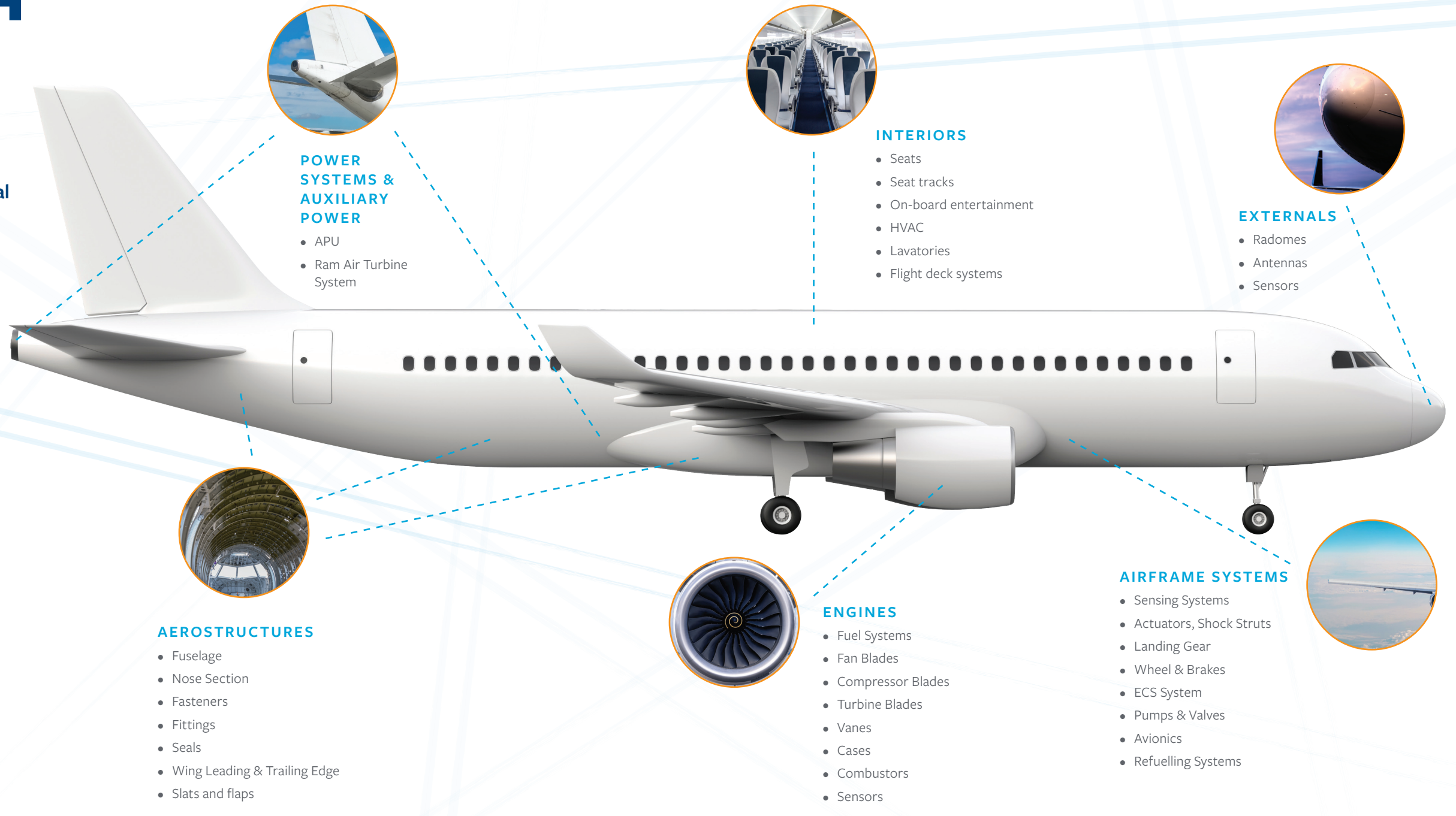
PARTNER WITH THE BEST IN CLASS

Element and NTS are now your end-to-end solution. We work with world-class Commercial Aerospace companies, entire supply chains, and the top 25 OEMs. Together, we deliver:

- Unparalleled delivery time for projects of any size, duration or location
- Peace of mind with our robust program management that provides seamless communication and support
- Test results with unmatched levels of accuracy, quality, and clarity
- Unmatched capabilities, from testing an entire aircraft to testing 5G O-RAN and a full suite of Product Qualification, Destructive, and Non Destructive testing
- Direct access to top engineering experts for technical guidance
- Built-in redundancies in capacity that de-risk your development cycle, resulting in a more resilient supply chain
- Unrivalled capacity, with more than 800 stress & creep frames, 200 environmental chambers, 120 dynamics systems, and the largest network of EMI chambers in North America
- Lower cost, faster development cycles possible with digital modeling services that validate designs before production
- Extensive geographic reach for your convenient localized support
- Large scale testing and custom programs, saving you both time and money
- Confidence that your testing plan fits your specific needs, reducing the risk of costly delays and retests

UAV/DRONE TESTING: COMMITTED TO EXCELLENCE

Element has more UAV/drone facilities than anyone else in the industry so we can carry out EMI/EMC and environmental condition tests, ensuring we can meet your tight deadlines.



POWER SYSTEMS & AUXILIARY POWER

- APU
- Ram Air Turbine System

INTERIORS

- Seats
- Seat tracks
- On-board entertainment
- HVAC
- Lavatories
- Flight deck systems

EXTERNALS

- Radomes
- Antennas
- Sensors

AEROSTRUCTURES

- Fuselage
- Nose Section
- Fasteners
- Fittings
- Seals
- Wing Leading & Trailing Edge
- Slats and flaps

ENGINES

- Fuel Systems
- Fan Blades
- Compressor Blades
- Turbine Blades
- Vanes
- Cases
- Combustors
- Sensors

AIRFRAME SYSTEMS

- Sensing Systems
- Actuators, Shock Struts
- Landing Gear
- Wheel & Brakes
- ECS System
- Pumps & Valves
- Avionics
- Refuelling Systems

ENABLING YOUR PATHWAY TO CERTIFICATION

PROOF OF CONCEPT

R&D consulting/
advisory services
Digital modeling
& simulation

MATERIALS TESTING & SELECTION

NDT
Mechanical
Chemical
Corrosion
Coatings
Fracture & fatigue
Metallurgical
Thermal

DESIGN

Guidance on specs to right
test platform
Develop or edit test plan/
procedures to show
compliance
Digital modeling &
simulation

FABRICATE, INTEGRATE AND TEST

Climatics
Environmental simulation
Hydraulic & pneumatic
simulation
EMI
Dynamics
Lightning
Fire & flammability
Fluids and fuel

PRODUCTION/ MANUFACTURING SUPPORT

NDT
Mechanical
Chemical
Corrosion
Coatings
Fracture & fatigue
Metallurgical
Thermal

FLEET SUPPORT

Failure analysis & evaluation
Random sampling
Precision cleaning
Field NDT



Global reach,
localized presence
in the United States,
Canada, Mexico,
UK, Spain, France,
Netherlands & China

CONNECT WITH AN EXPERT

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