



One-Stop Solution Center For Your Test Operations





Evergreen Test Technologies

Contents

▶	About Us	01
▶	Capabilities & Services	02
▶	Testing Solutions	03
▶	E2T Control Suite	04

▶	E2T RemoteVista	05
▶	Pressure Scanners	06
▶	Temperature Scanners	07
▶	Contact	08



About Us

Evergreen Test Technologies is an engineering company specializing in the design and development of customized test systems and test operations consultancy for the aviation, defense, oil & gas, energy, and manufacturing sectors. With over 15 years of industry experience, our expert team delivers reliable, technologically advanced solutions to complex engineering challenges.

In our operations, we develop customer-focused solutions that fully comply with international standards while considering industry dynamics. The systems we design feature modular architecture and flexible structure, enabling them to maintain their initial performance level for many years without requiring upgrades.

“Custom Solutions, Global Standards”



Our Capabilities

At E2T, we provide customer-centric solutions with our expert team and strategic solution partners. In our operations, we work closely with our clients from the requirements definition phase through to commissioning, ensuring we fully understand their needs.



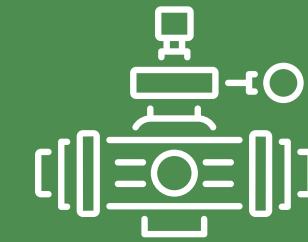
Aerodynamic
Design & Analysis



Aerothermal
Design & Analysis



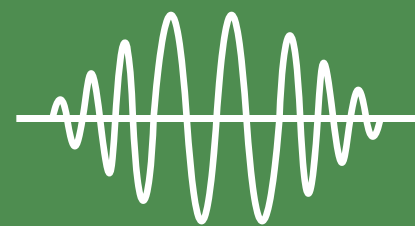
Mechanical
Design & Analysis



Pneumatic Systems
Design & Analysis



Hydraulic Systems
Design & Analysis



Dataacquisition
Control & Automation



Testing Facility
Installation



Service, Maintenance &
Modernization



Our Services

We offer solutions to our customers in line with industry developments, innovative technologies, and full compliance with international standards, thereby enhancing our customers competitive strength and contributing to their preparation for future technologies.

Turnkey Test Systems Solutions

As E2T, we provide specially designed turnkey test systems and test infrastructure solutions for our clients. Our comprehensive testing solutions support the complete product lifecycle – from initial R&D and product development to process optimization, quality assurance, and final certification processes. We recognize that each sector has unique testing requirements, which is why we develop customized solutions that perfectly match our clients' technical specifications and operational needs.

Dataacquisition, Control and Instrumentation

At E2T, we develop instrumentation solutions tailored to our customers' needs and ensure these solutions deliver maximum performance in test environments. Our systems, equipped with high-precision probes and sensors, enhance the quality of data in your testing processes, making your decision-making more reliable. With advanced control systems, we ensure that your test operations are conducted more efficiently and error-free. This guarantees the timely completion of your projects and the achievement of targeted performance criteria.



Our Services

Modernization, Maintenance and Repair

E2T offers comprehensive modernization services to enhance the performance of your existing test systems and ensure they meet current technological requirements. We strengthen your test systems with innovative solutions, making them more efficient, reliable, and future-ready. Our modernization processes extend the lifespan of your test systems while optimizing your operational costs.

Regular maintenance and repair of your test systems are vital for their uninterrupted operation and longevity. At E2T, we perform periodic maintenance on your systems and ensure the early detection of potential failures. This minimizes unplanned downtime, guaranteeing the smooth continuation of your test operations.

Test System Design Consulting

We provide comprehensive consulting services for the design of custom test systems tailored to our customers' needs. We develop the most suitable solutions for your projects in the aviation, aerospace, land, oil & gas, and energy sectors, thoroughly analyzing your project requirements and defining design strategies. Throughout this process, our expert team offers technical support to enhance both the efficiency and reliability of your test systems.

“We don't just save the day. We shape the future with your test systems.”



Our Services

Preparation of Technical Specifications for Test Systems

We conduct comprehensive and systematic analyses of our customers' needs and project requirements during the technical specification preparation process. Based on these analyses, we clearly define performance criteria, financial requirements, reliability standards, energy efficiency, and sustainability conditions for your test systems, enabling your suppliers to prepare accurate proposals with the right equipment and solution methods. E2T's technical specification preparation service is not merely a document delivery; it is a reference document that minimizes risks and enhances project efficiency across design, production, procurement, integration, and commissioning phases.

Test Operations Consulting

E2T olarak test operasyonları danışmanlığı hizmetimizle müşterilerimizin projelerini en iyi şekilde yönetmelerine destek veriyoruz. Operasyonel süreçlerinizi standartlarla uyumlu hale getirerek testlerinizin daha verimli ve güvenilir olmasını sağlıyoruz. Uzman ekibimizle sektörün zorlu gereksinimlerini karşılayacak en uygun çözümleri sunmaktan ve projelerinizin başarısını desteklemekten gurur duyuyoruz.



Testing Solutions

We offer testing solutions to our customers in line with industry developments, innovative technologies, and full compliance with international standards, thereby enhancing our customers' competitive strength and contributing to their preparation for future technologies.



With our 15 years of experience in the industry, we provide our customers with the highest quality of service.



By understanding our customers requirements, we develop tailored solutions for them.



By closely following technological advancements, we deliver solutions to our customers using the latest technologies.



In our Development and Testing processes, we adhere to national and international standards.

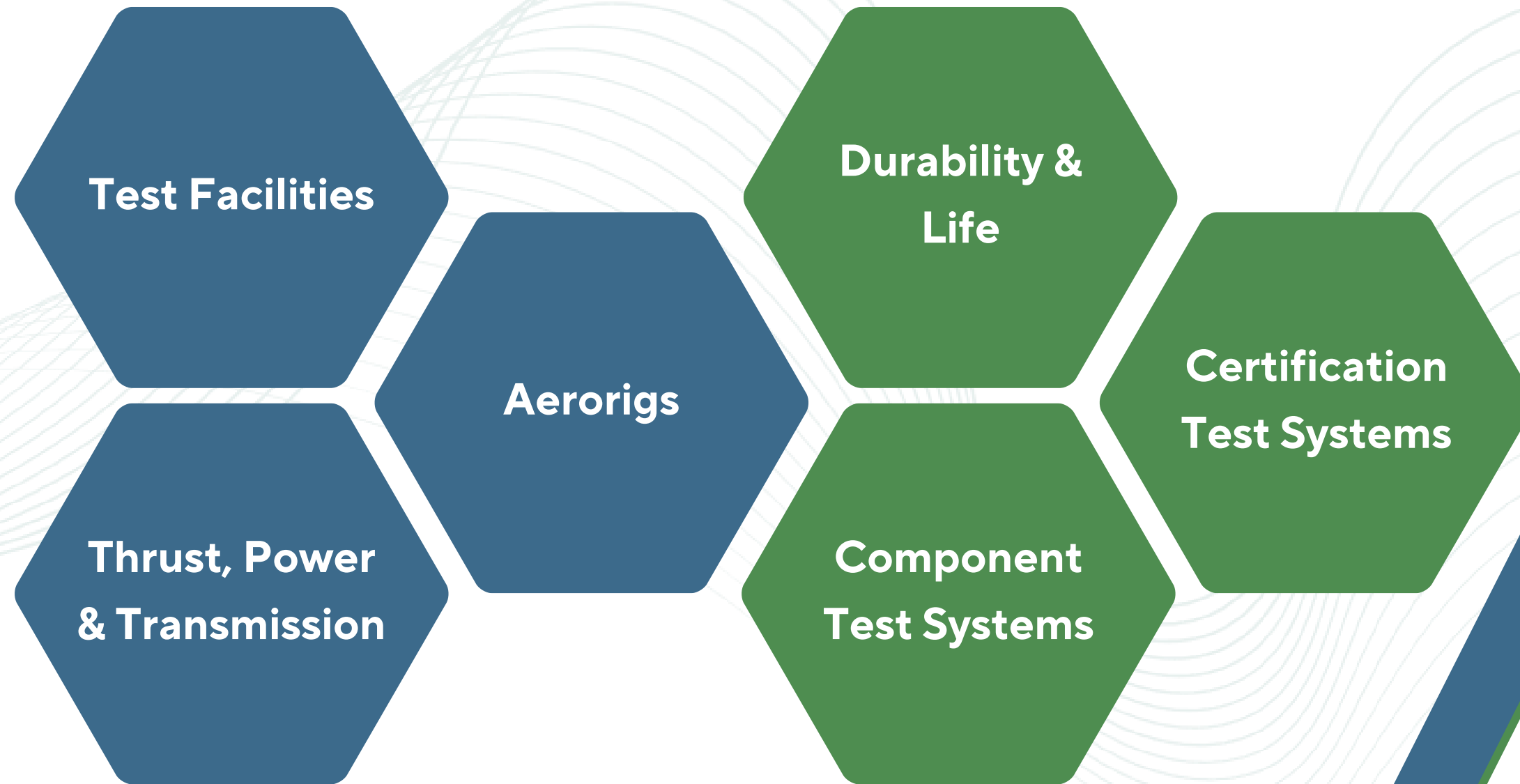


We focus on solutions that minimize initial investment and operational costs in the systems we develop.



Thanks to our modular system architectures, we contribute to the sustainability of your testing infrastructure..

Aviation Test Systems



Test Facilities

E2T has a team specialized in the design of test facilities. Based on customer requirements and taking into account initial investment cost, operational efficiency, operational safety, and sustainability criteria, we design site layouts, the Power/Energization Layer, the HVAC/Climate Control Layer, Chemical Storage and Disposal Layer, and your Testcells and Control Rooms for test facilities. The developed test facilities fully comply with environmental regulations, process safety requirements, and occupational health and safety laws.

The Advantages We Provide



High Technology and Innovation



Fast Delivery and Installation



Flexibility and Customization



Cost Efficiency



Quality and Reliability



Sustainability



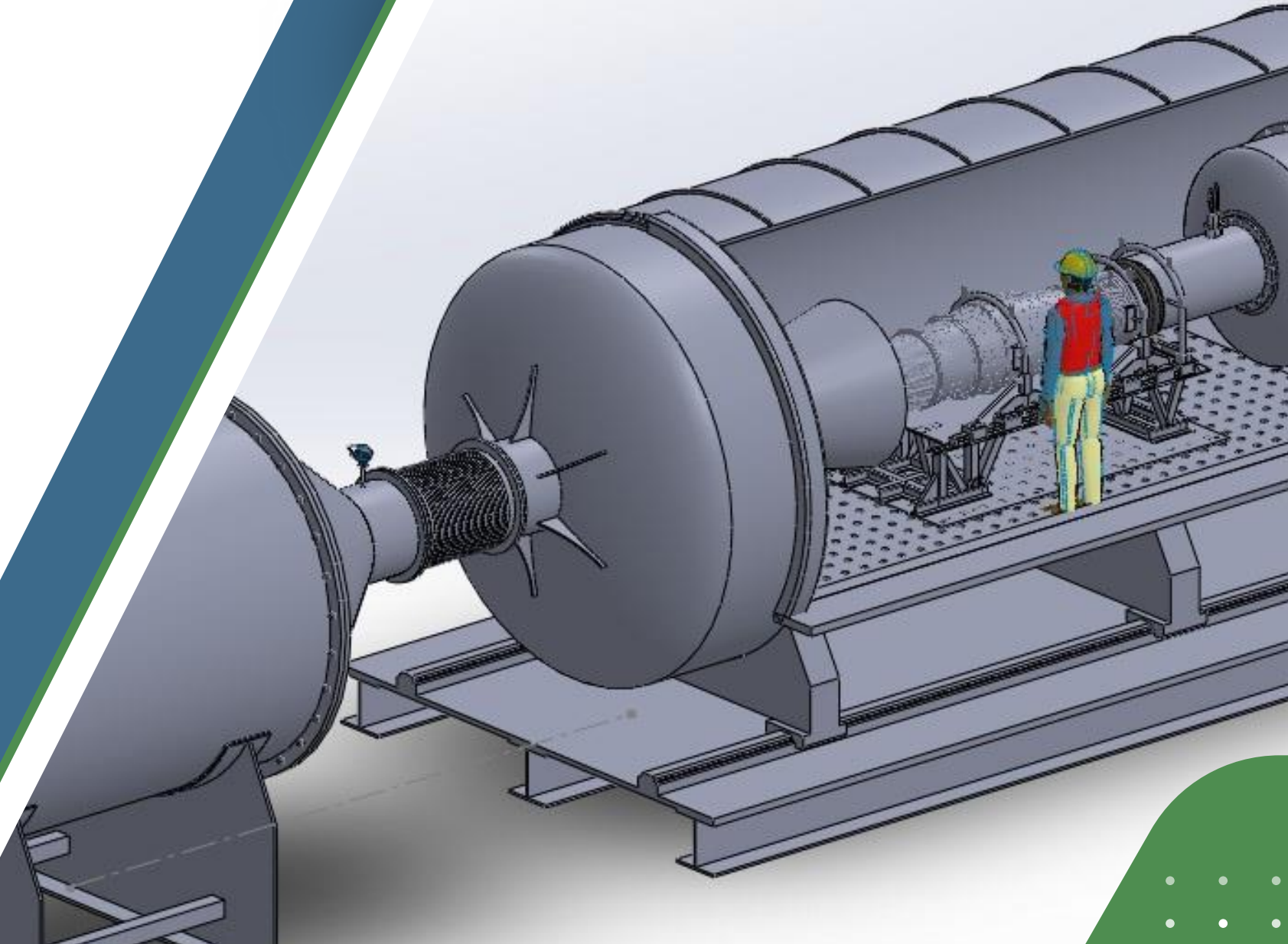
Full Documented



Environment-Friendly Systems

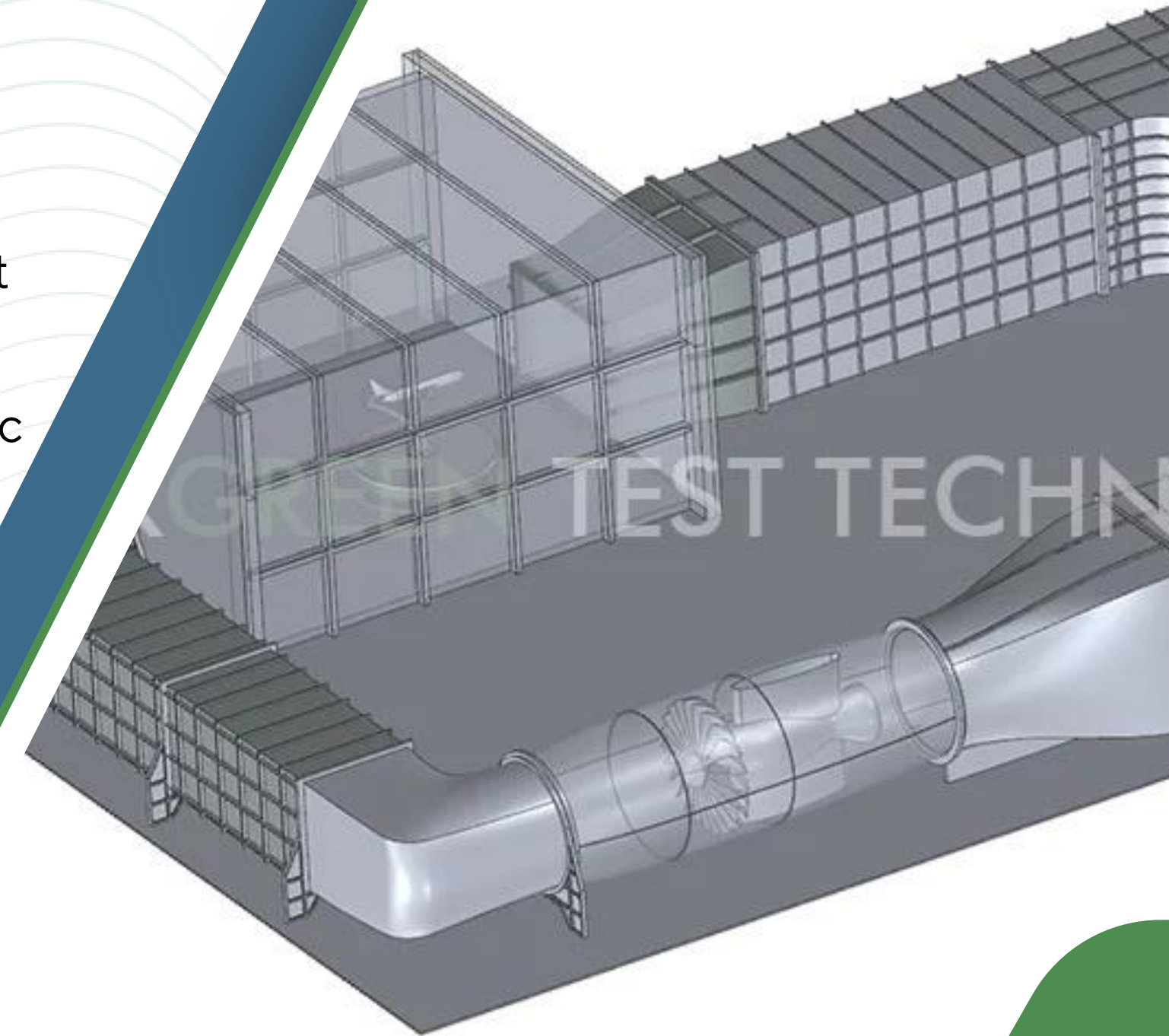
Altitude Test Facilities

- Blowdown or continuous type
- Wide pressure and temperature conditioning range with precise control
- Full compliance with various types of aviation engines
- Modular internal geometry: configurable volumes to accommodate components, subsystems, or full assemblies
- Full compliance with ECUs
- Simultaneous structural loading: capability to apply mechanical loads concurrently with environmental profiles
- Advanced DAQ and control system
- Advanced safety system
- Wide communication protocol support
- Super-optimized with startup and flight envelopes
- Full compliance with NASA and SAE standards



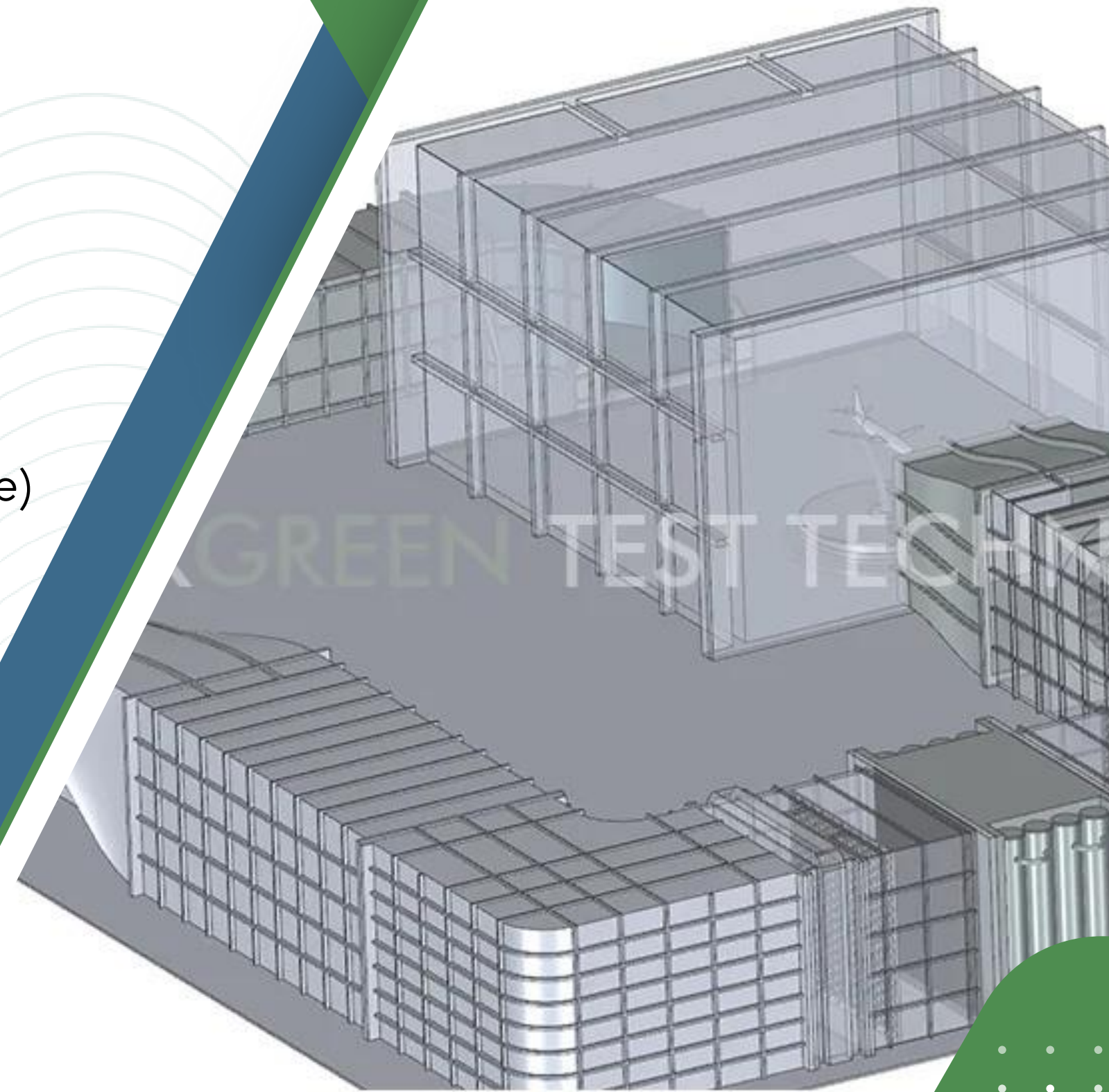
Wind Tunnels

- High flow uniformity and low turbulence intensity in the test section
- Adjustable speed range (from low-speed up to supersonic/ hypersonic) and wide Mach/Reynolds number coverage
- High-power, low-vibration fan or compressor systems
- Design options suitable for closed (return), open and blow-down types
- Precision multi-axis force-moment balances (6-DOF) and torque/moment sensors
- Boundary-layer control: suction systems, surface heating/cooling, synthetic turbulence generators or boundary-layer manipulation devices
- Wide communication protocol support
- Full compliance with FAA, EASA, NASA and SAE standards



Icing Wind Tunnels

- Wide operating temperature range with precise control
- Controlled relative humidity (RH) and capability to create specified condensation/moisture profiles
- Adjustable water/liquid water content
- Droplet size control
- Multiple spray/droplet generators with precise mass-flow control
- Capability to produce continuous and pulsed/impulsive icing clouds
- Ability to reproduce wet and dry icing regimes (rime, glaze, and mixed ice)
- Pressure and flow-speed control for realistic Reynolds/Mach scaling
- High flow homogeneity and low turbulence in the test section for consistent cloud conditions
- Heat-transfer control: heated/cooled model mounting surfaces and surface-temperature regulation
- Precision mass/thickness measurement of ice accretion on models



Engine Testcells

E2T designs and builds engine test cells in various types and sizes. With E2T test cells, you can conduct high-precision thrust, power, transmission, performance, and endurance tests for turbojet, turbofan, turboshaft, and turboprop engines. Their modular architecture, advanced instrumentation, and integrated data-acquisition and control systems reduce system-caused repeat tests and improve overall operational efficiency.

The Advantages We Provide



High Technology and Innovation



Fast Delivery and Installation



Flexibility and Customization



Cost Efficiency



Quality and Reliability



Sustainability



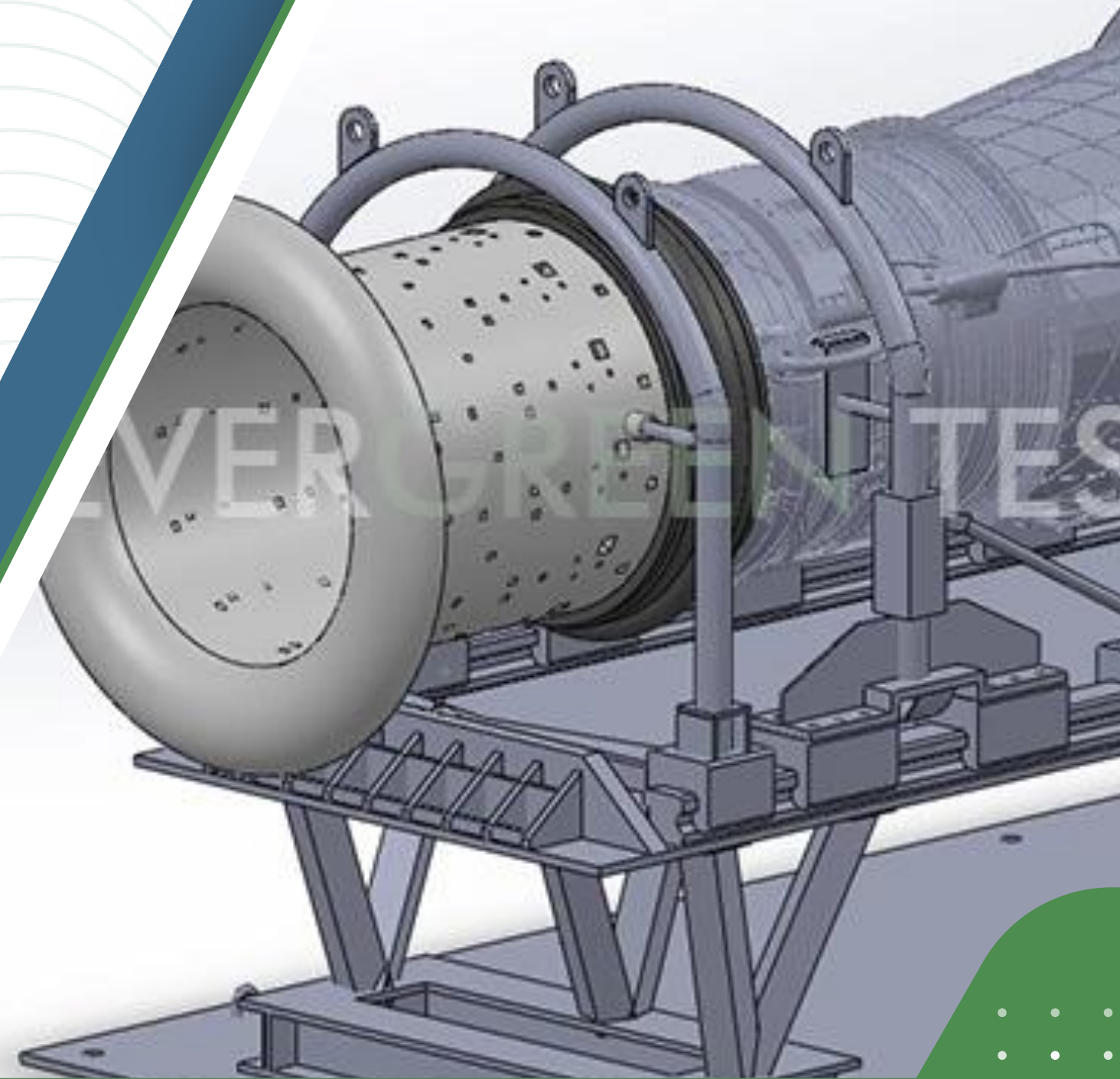
Full Documented



Environment-Friendly Systems

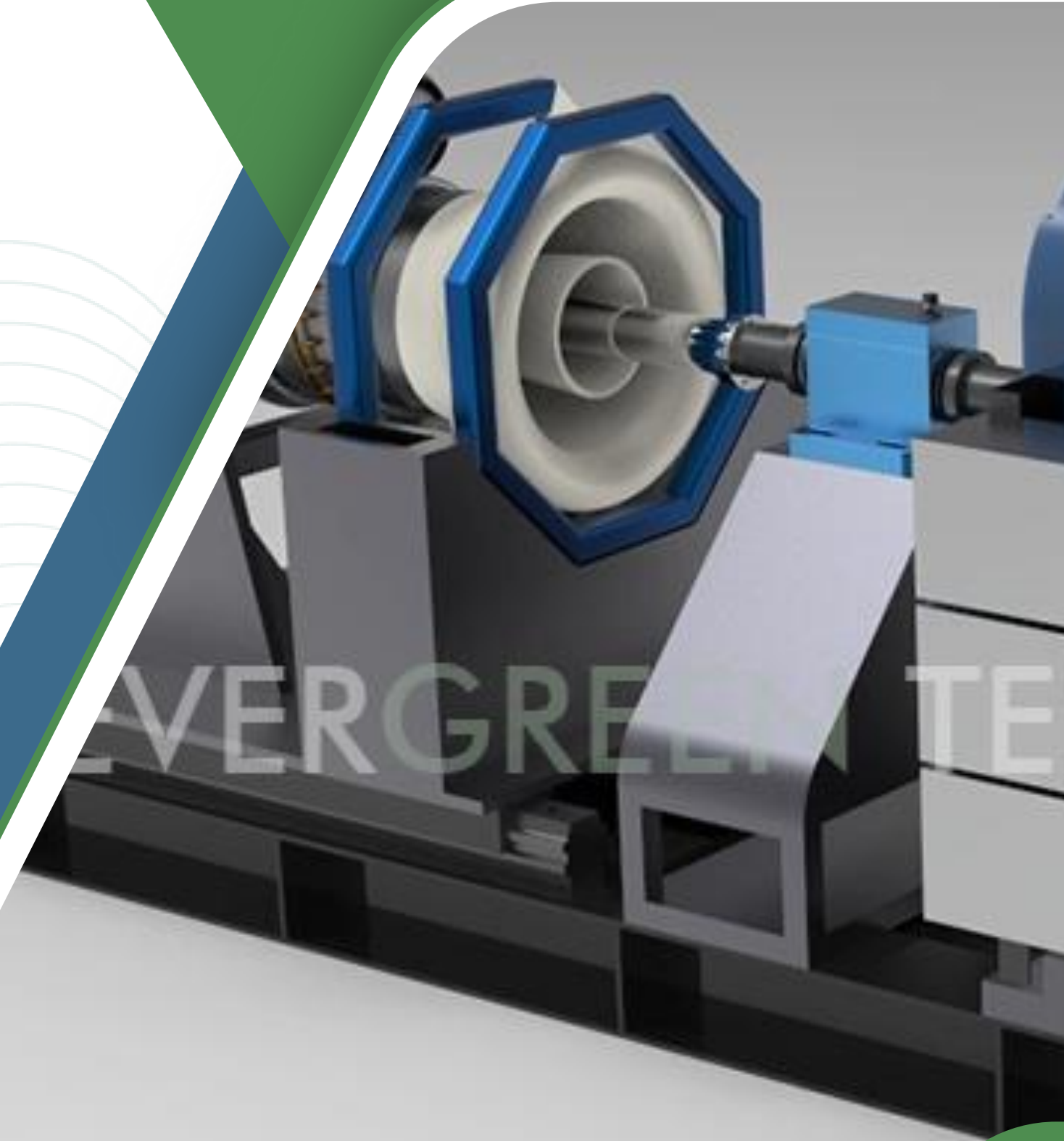
Thrust Measurement Testcells

- Modular frame and support structure for quickly adaptable mounting interfaces to accommodate different engine sizes and weights
- 6-DOF / multi-axis alignment for fine adjustment mechanisms for axial and lateral alignment
- High-stiffness construction with vibration isolators
- Precision loadcells for high-accuracy thrust measurement
- Thrust calibration system
- Exhaust gas routing and cooling
- FADEC interface for ability to connect to real FADEC signals
- Closed-loop control capability for target thrust profiles, throttle ramps and automated test programs
- Conformance to applicable aerospace and customer standards (e.g., SAE, MIL-STD, EASA/FAA guidance)
- Mobile / containerized options for field testing
- Fuel and Oil Conditioning options



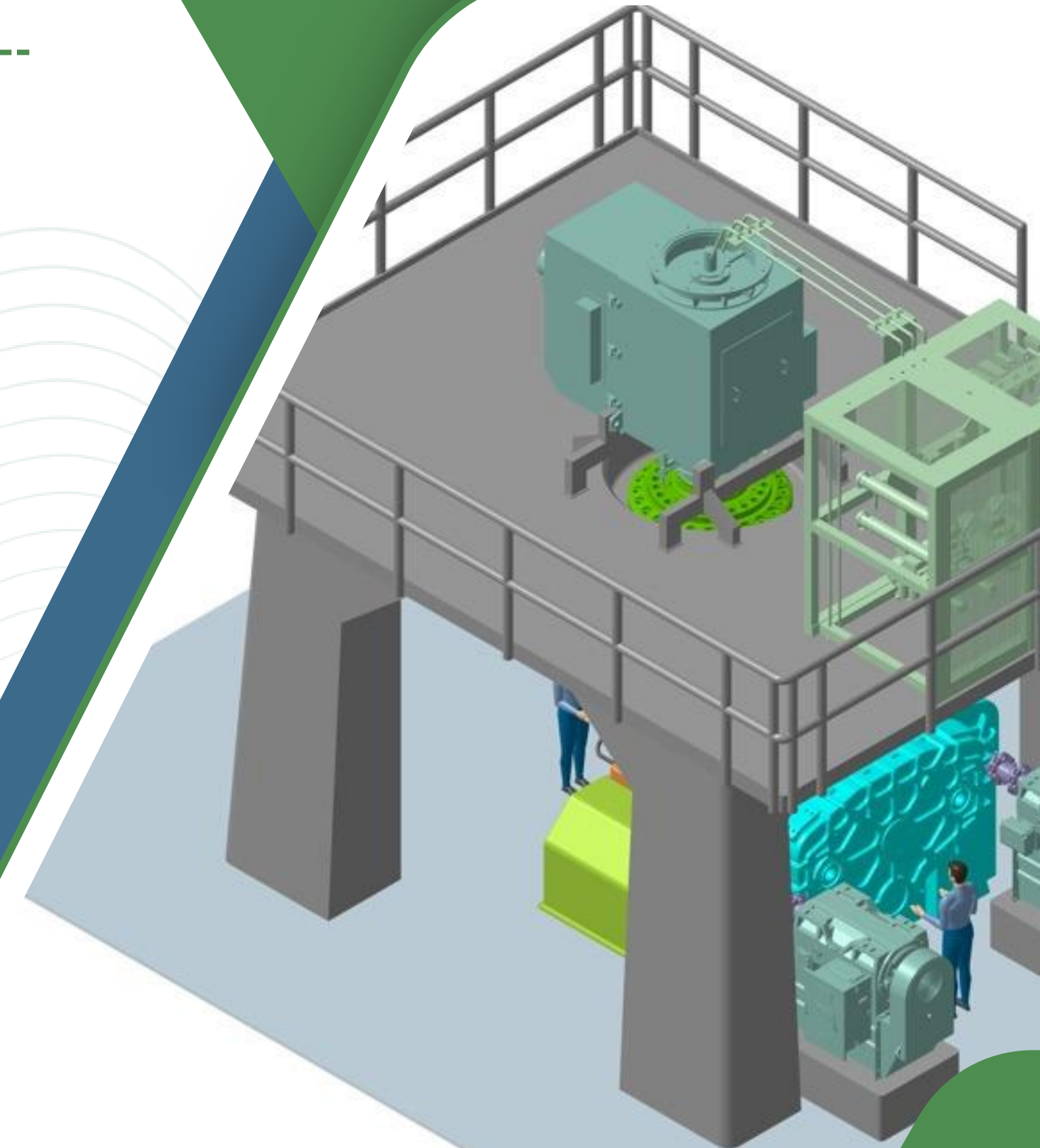
Power Measurement Testcells

- Modular frame and support structure for quickly adaptable mounting interfaces to accommodate different engine sizes and weights
- 6-DOF / multi-axis alignment for fine adjustment mechanisms for axial and lateral alignment
- High-stiffness construction with vibration isolators
- Precision torquemeters for high-accuracy torque measurement
- Torque calibration system
- Exhaust gas routing and cooling
- FADEC interface for ability to connect to real FADEC signals
- Closed-loop control capability for target torque profiles, throttle ramps and automated test programs
- Conformance to applicable aerospace and customer standards (e.g., SAE, MIL-STD, EASA/FAA guidance)
- Mobile / containerized options for field testing
- Fuel and Oil Conditioning options



Gearbox Testcells

- Modular, high-stiffness support frame
- Load application elements like torque motors, brakes or reaction dynamometers
- Thermal management for gearbox and gears with oil heating/cooling, filtration and circulation loops
- Precision torquemeters for high-accuracy torque measurement
- Torque calibration system
- Oil analysis and particle monitoring
- High precision power loss and efficiency measurement
- Continuous and cyclic load profiles, speed cycles and oil change scenarios for endurance and life-cycle testing



Engine Component Test Rigs

We develop turnkey fan, compressor, combustion chamber, and turbine test rigs for aviation engine development and improvement processes. With our engine component test rigs featuring advanced instrumentation, data acquisition, control, and automation capabilities, you can be assured of accelerating your engine development cycles and maximizing project efficiency.

The Advantages We Provide



High Technology and Innovation



Fast Delivery and Installation



Flexibility and Customization



Cost Efficiency



Quality and Reliability



Sustainability



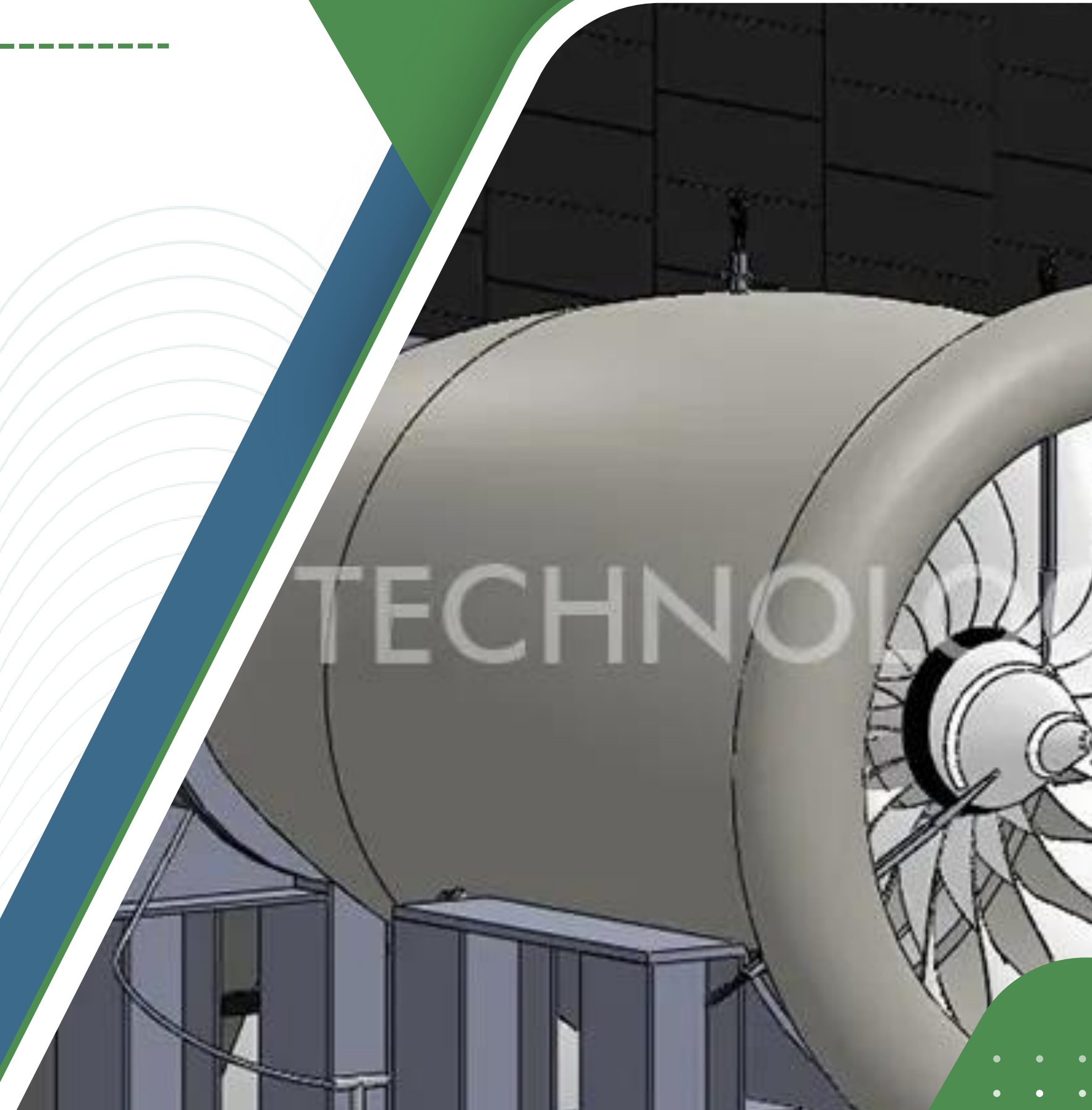
Full Documented



Environment-Friendly Systems

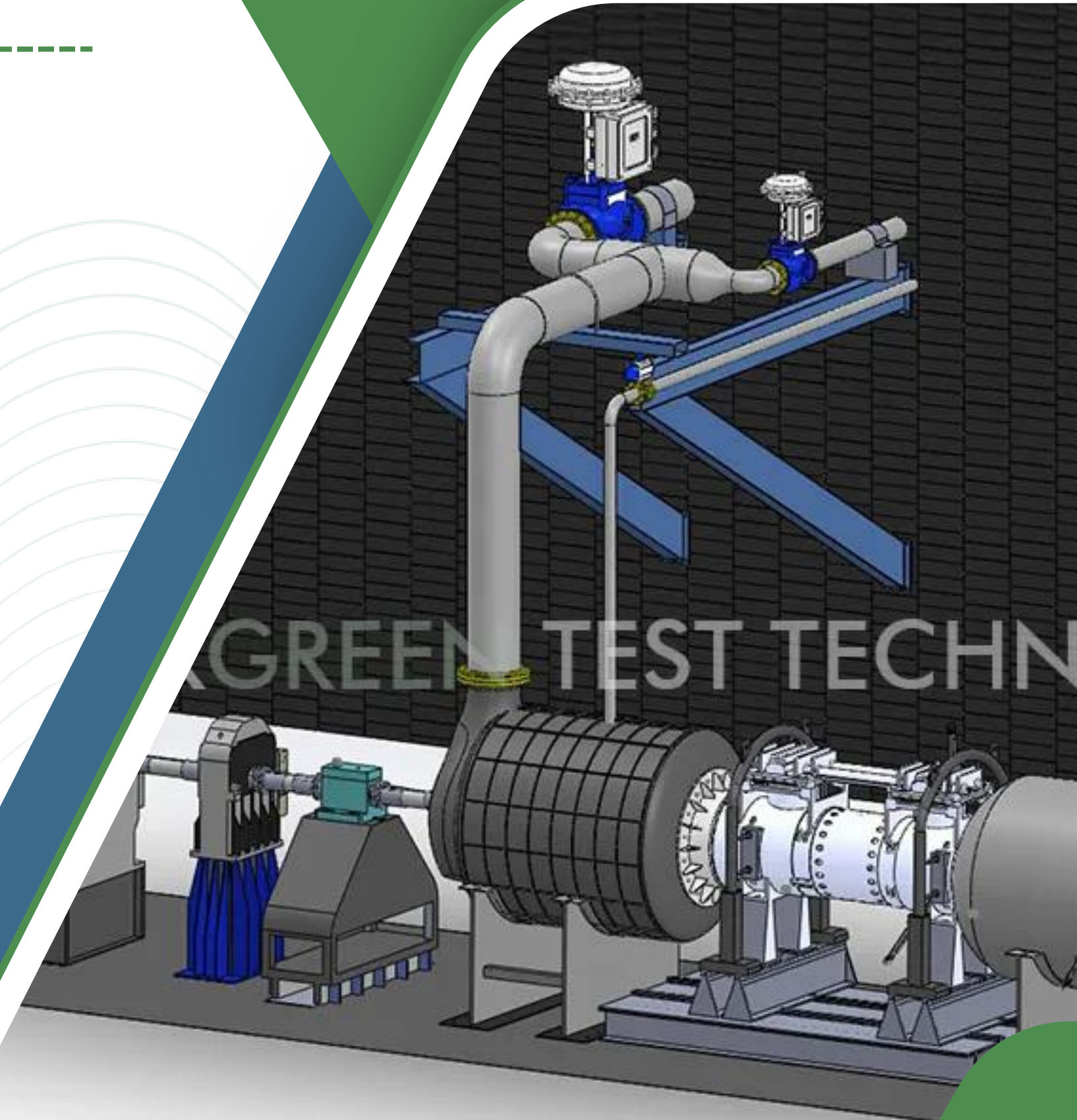
Fan Test Rigs

- Modular, high-stiffness support frame
- Wide range power support
- High efficiency electric motor and gearbox
- Wide range speed support
- Torque or Speed Control
- High precision torque and speed measurement
- High precision pressure and temperature measurement
- Torque calibration system
- IGV or VSV support
- Advanced instrumentation with temperature and pressure probes
- Half or full anechoic room options
- Advanced control and data acquisition
- Telemetry options
- Multiple communication protocol support



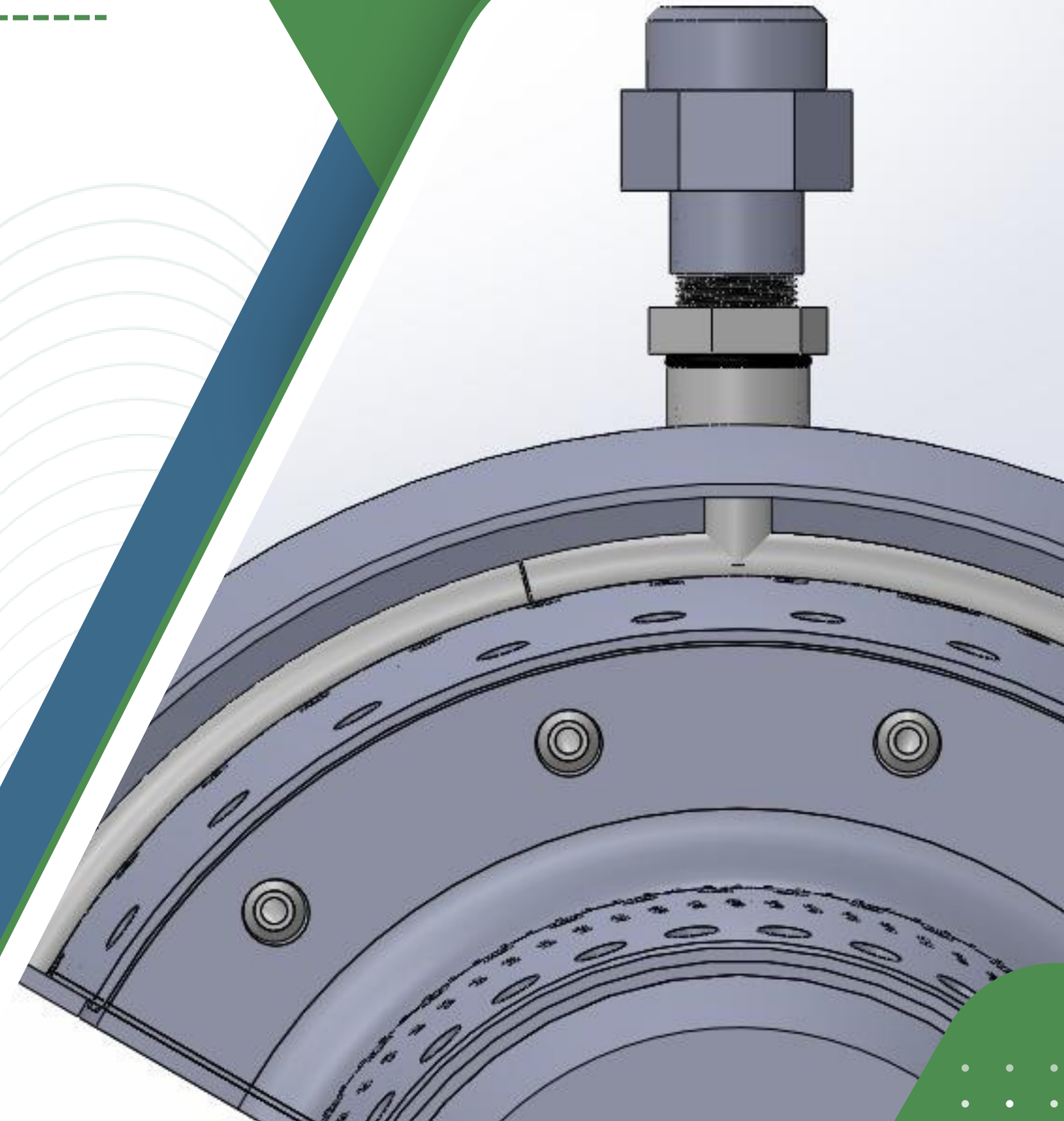
Compressor Test Rigs

- Modular, high-stiffness support frame
- Wide range power support
- High efficiency electric motor and gearbox
- Wide range speed support
- Torque or Speed Control
- IGV or VSV support
- High precision torque and speed measurement
- High precision pressure and temperature measurement
- Torque calibration system
- Advanced instrumentation with temperature and pressure probes
- Advanced control and data acquisition
- Telemetry options
- Multiple communication protocol support



Combustion Chamber Test Rigs

- Modular, high-stiffness support frame
- High-precision temperature and pressure measurements
- Advanced instrumentation with temperature and pressure probes
- Fuel conditioning options
- High-precision FAR control
- Advanced control and data acquisition
- Optical window options
- Support for multiple communication protocols
- FMP and ECU communication support
- Exhaust cooling options



Turbine Test Rigs

- Modular, high-stiffness support frame
- Wide range power support
- High efficiency gearbox and dynamometer
- Wide range speed support
- Torque, Power or Speed Control
- Wide air conditioning range
- High precision torque, power and speed measurement
- High precision pressure and temperature measurement
- Torque calibration system
- Advanced instrumentation with temperature and pressure probes
- Advanced control and data acquisition
- Telemetry options
- Multiple communication protocol support



Structural Test Systems

E2T develops high-precision structural test systems for aircraft components—including wings, fuselage composites, movable mechanical assemblies, and landing gear—capable of maintaining stability during long-cycle testing.

In our structural test systems, electro-mechanical, pneumatic or hydraulic control systems ensure highly precise dynamic control, while the behavior and life cycles of test specimens are observed under real-world operational loads.

The Advantages We Provide



High Technology and Innovation



Fast Delivery and Installation



Flexibility and Customization



Cost Efficiency



Quality and Reliability



Sustainability



Full Documented



Environment-Friendly Systems

Landing Gear Test Systems

- Wide load and displacement range
- Static/slow loading, dynamic impact (drop) tests, cyclic/fatigue and impulse loading
- Load or impact speed based control
- Integration with climatic chambers for temperature, thermal cycling, humidity, salt spray and corrosion tests
- Landing impact, drop tests and energy dissipation measurements
- Load and displacement calibration
- 3-axis load measurement option
- Brake performance measurement
- Wheel and tyre testing support
- Full compliance with CS-25 standard
- Advanced control and data acquisition



Durability & Life Cycle Test Systems

- Wide load and displacement range
- Multi-axis load application capability
- Load or displacement based control
- Integration with climatic chambers for temperature, thermal cycling, humidity, salt spray and corrosion tests
- Load and displacement calibration
- Reliable performance during extended cycling tests
- Full compliance with CS-25 standard
- Advanced control and data acquisition



Component Test Systems

E2T actively supports component development and improvement programs for aircraft and aviation engines by designing and delivering modular test systems that integrate the latest sensor, actuation, and control technologies. These systems are built on a modern, scalable architecture that allows rapid reconfiguration for different part geometries and test requirements, reducing setup time and overall program cost. By combining high-fidelity data acquisition, real-time control, and advanced analytics, E2T enables engineers to precisely characterize performance, durability, and failure modes under realistic operational conditions.

The Advantages We Provide



High Technology and Innovation



Fast Delivery and Installation



Flexibility and Customization



Cost Efficiency



Quality and Reliability



Sustainability



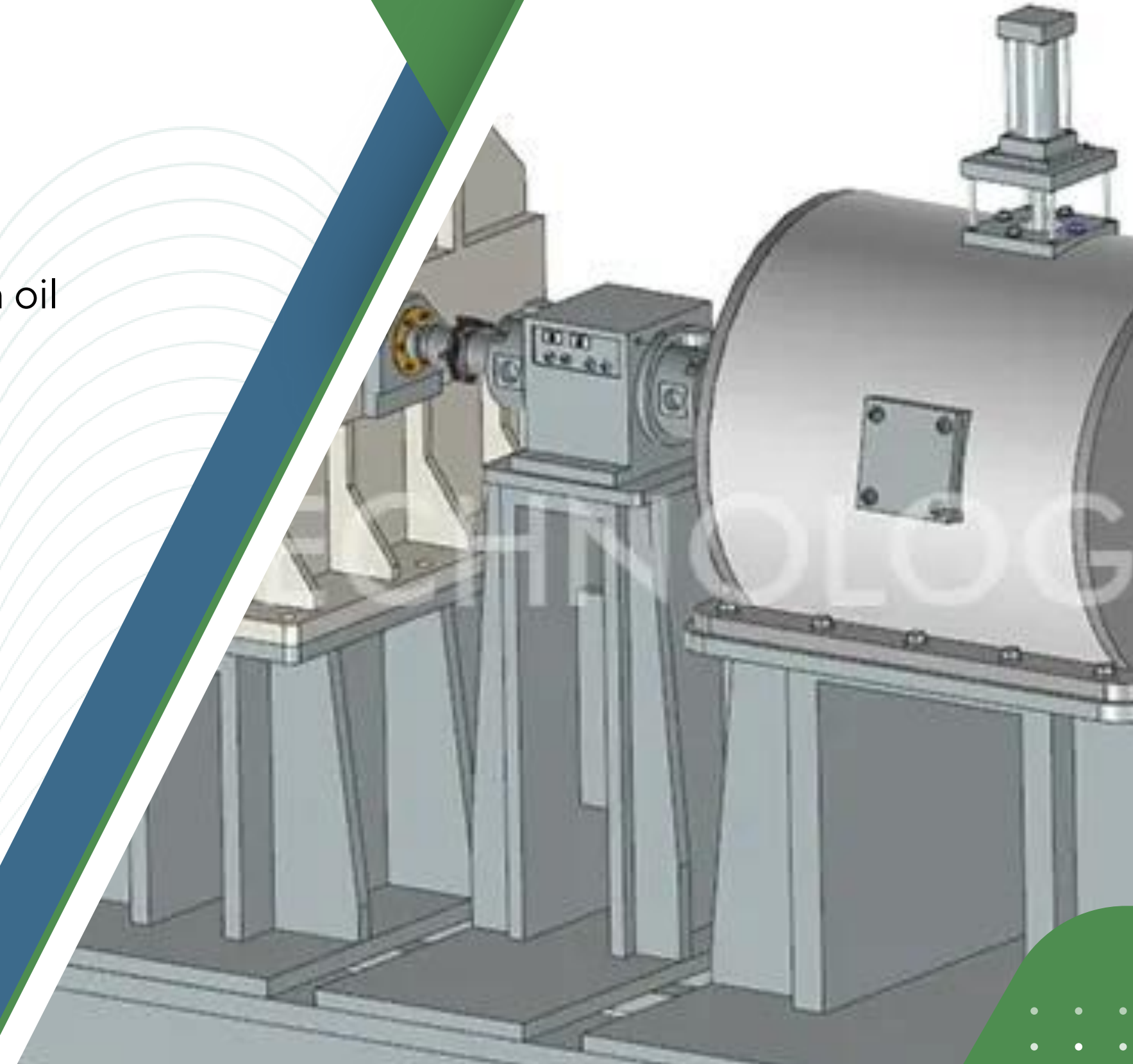
Full Documented



Environment-Friendly Systems

Bearing Test Systems

- Modular design architecture for easy assembly/disassembly
- Wide range support for load and speed
- Axial & radial load support
- Load, torque or speed based control
- Temperature and pressure conditioning for bearing and lubrication oil
- Reliable performance during extended cycling tests
- Advanced control and dataacquisition



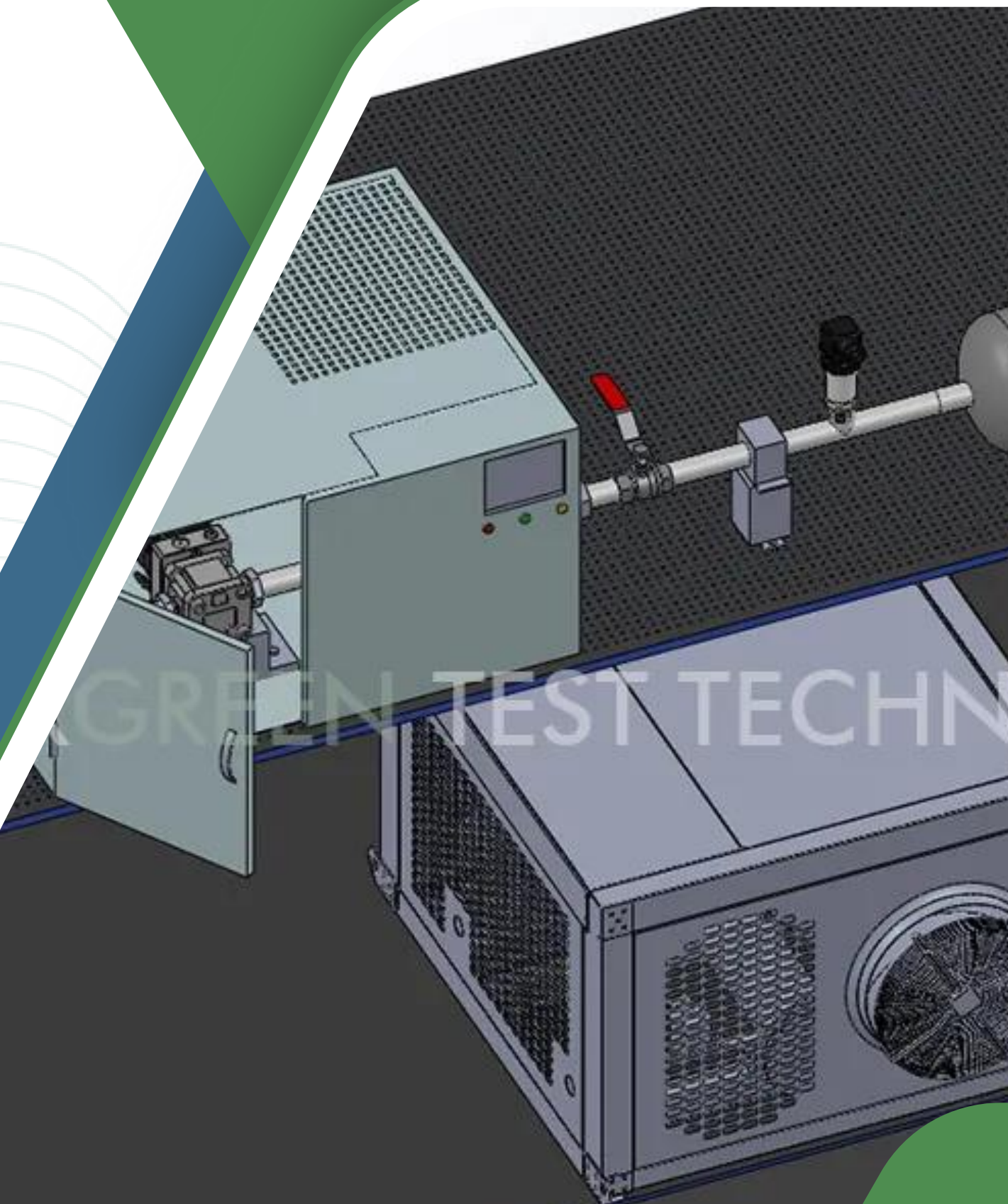
Alternator Test Systems

- Modular design architecture for easy assembly/disassembly
- Wide range support for electrical load and speed
- Direct or parallel drive support
- Dynamic control-based speed vs electrical load
- Full compliance with different type ACUs
- Temperature and humidity conditioning option
- Reliable performance during extended cycling tests
- Advanced control and dataacquisition



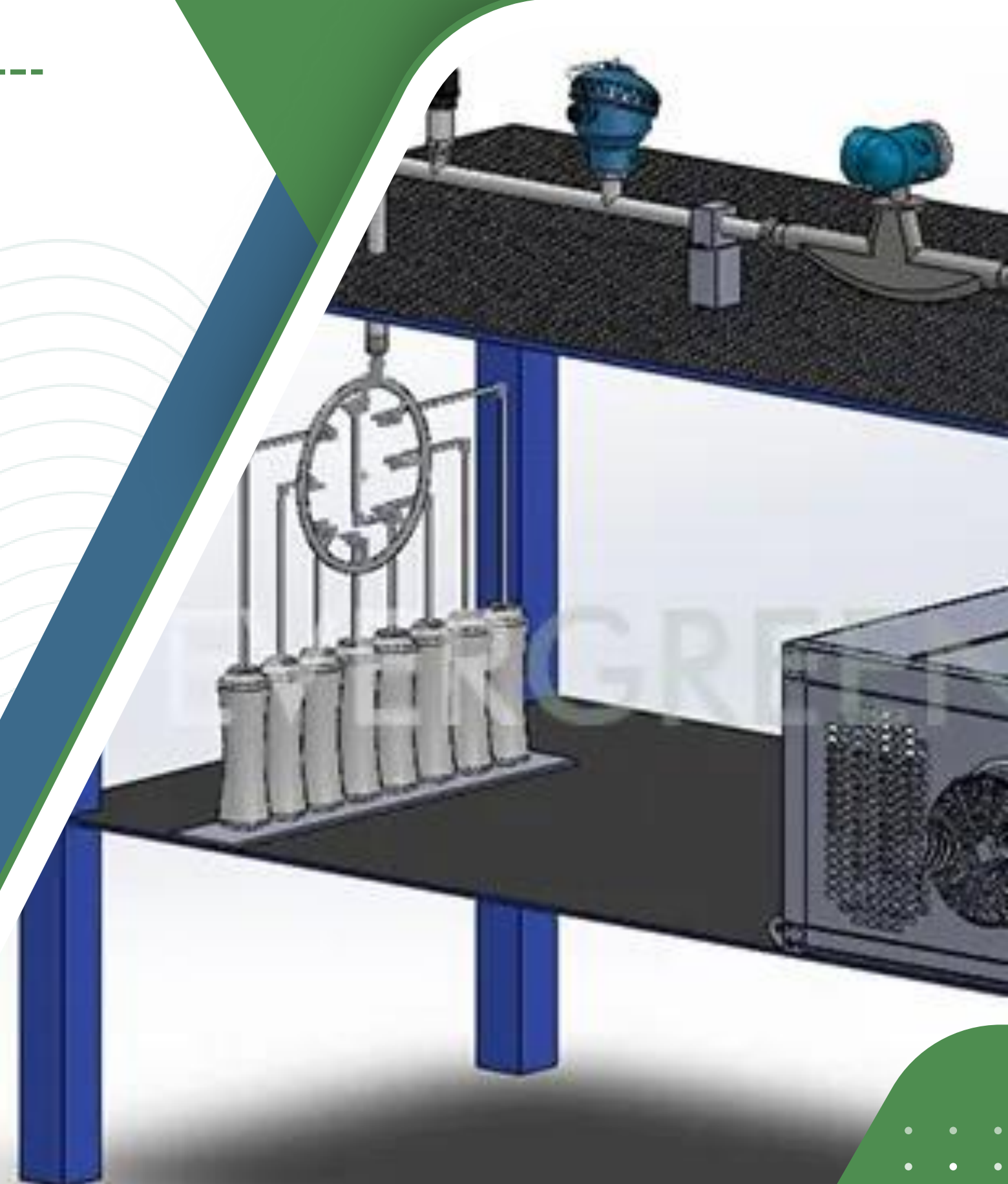
Pump Test Systems

- Modular design architecture for rapid assembly and disassembly
- Full compatibility with multiple ECU types and communication protocols
- Optional torque and power measurement
- Conditioned pressure supply and regulation for both inlet and outlet
- High-precision fluid flow/meters for accurate rate measurement
- Environmental conditioning for temperature and humidity control of FMV and fluids
- Electrical characterization and efficiency measurement capabilities (input/output power, harmonics, losses)
- Integrated vibration measurement and analysis options
- Robust, reliable operation during extended cyclic and endurance testing
- Explosion-proof (Ex-proof) configuration available for safe testing with fuels and flammable media
- Advanced real-time control and synchronized data-acquisition



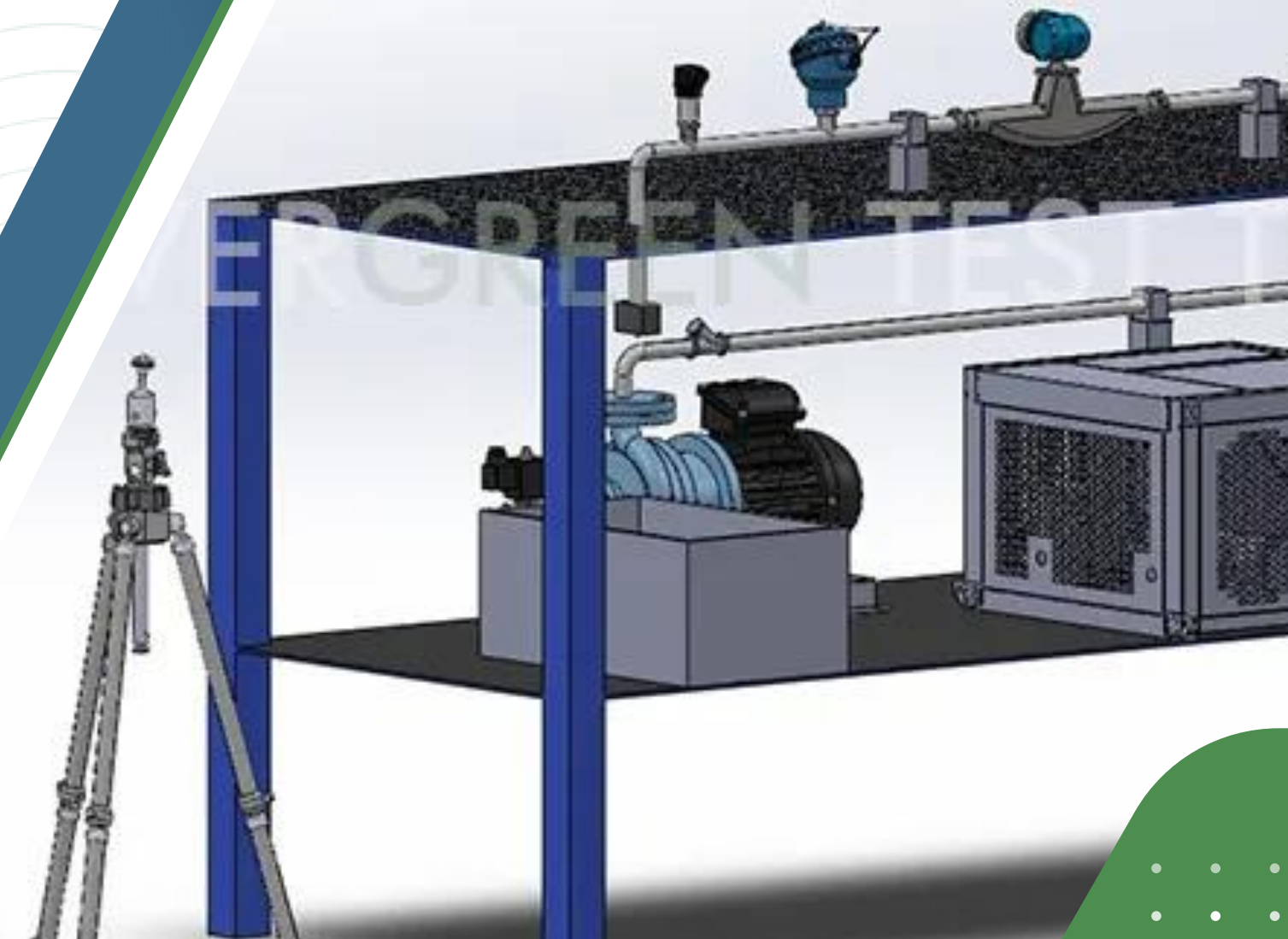
Manifold Test System

- Modular design architecture for rapid assembly and disassembly
- Full compatibility with multiple ECU types and communication protocols
- Conditioned pressure supply and regulation for inlet
- High-precision fluid flow/meters for accurate rate measurement
- Temperature condition for fluid
- Explosion-proof (Ex-proof) configuration available for safe testing with fuels and flammable media
- Advanced real-time control and synchronized data-acquisition



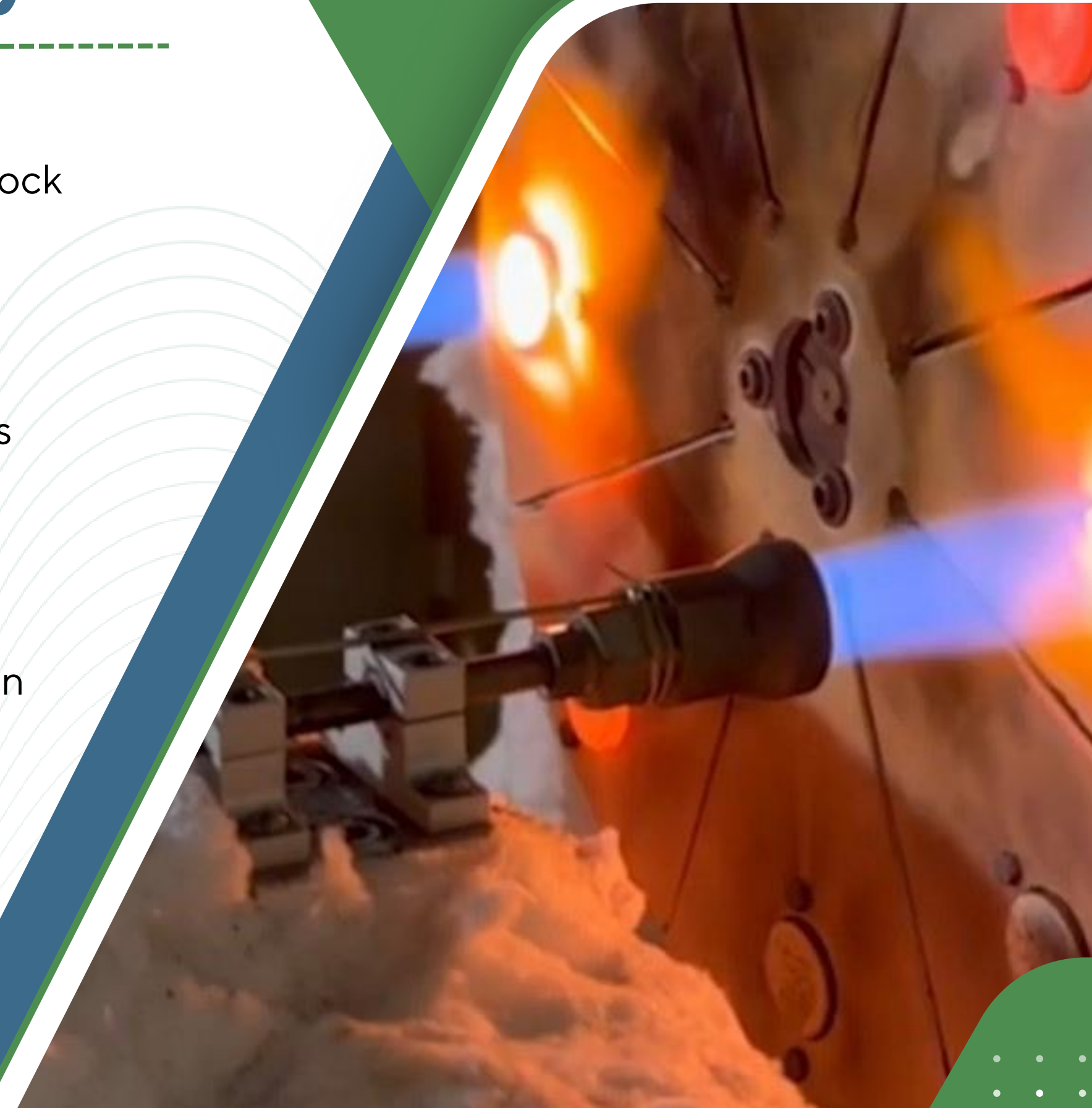
Injector & Orifice Test System

- Modular design architecture for rapid assembly and disassembly
- Conditioned pressure supply and regulation for inlet
- High-precision fluid flow/meters for accurate rate measurement
- Temperature condition for fluid
- PIV adaptation options
- Outlet shape measurement option
- Explosion-proof (Ex-proof) configuration available for safe testing with fuels and flammable media
- Advanced real-time control and synchronized data-acquisition



Coating Performance Test System

- Broad operating temperature range with precise setpoint control
- High-rate heating capability for rapid temperature ramping and shock testing
- Multi-specimen testing via rotary sample-holder fixtures for concurrent evaluation
- High-accuracy temperature measurement using calibrated sensors
- Optical temperature measurement via pyrometer
- Optional integration of high-resolution thermal imaging for non-contact temperature mapping
- Advanced real-time control and time-synchronized data acquisition with deterministic logging and event tagging



Certification Test Systems

E2T is a recognized specialist in the development of certification test systems for aircraft and aviation engines, delivering solutions that ensure full compliance with internationally accepted standards and regulatory requirements. Our platforms are built for repeatable, high-fidelity testing—enabling accurate performance, durability, and safety assessments under representative operating conditions. In addition to turnkey system delivery, we provide commissioning, operator training, maintenance planning, and sustained engineering support to ensure long-term reliability and compliance as programs evolve.

The Advantages We Provide



High Technology and Innovation



Fast Delivery and Installation



Flexibility and Customization



Cost Efficiency



Quality and Reliability



Sustainability



Full Documented



Environment-Friendly Systems

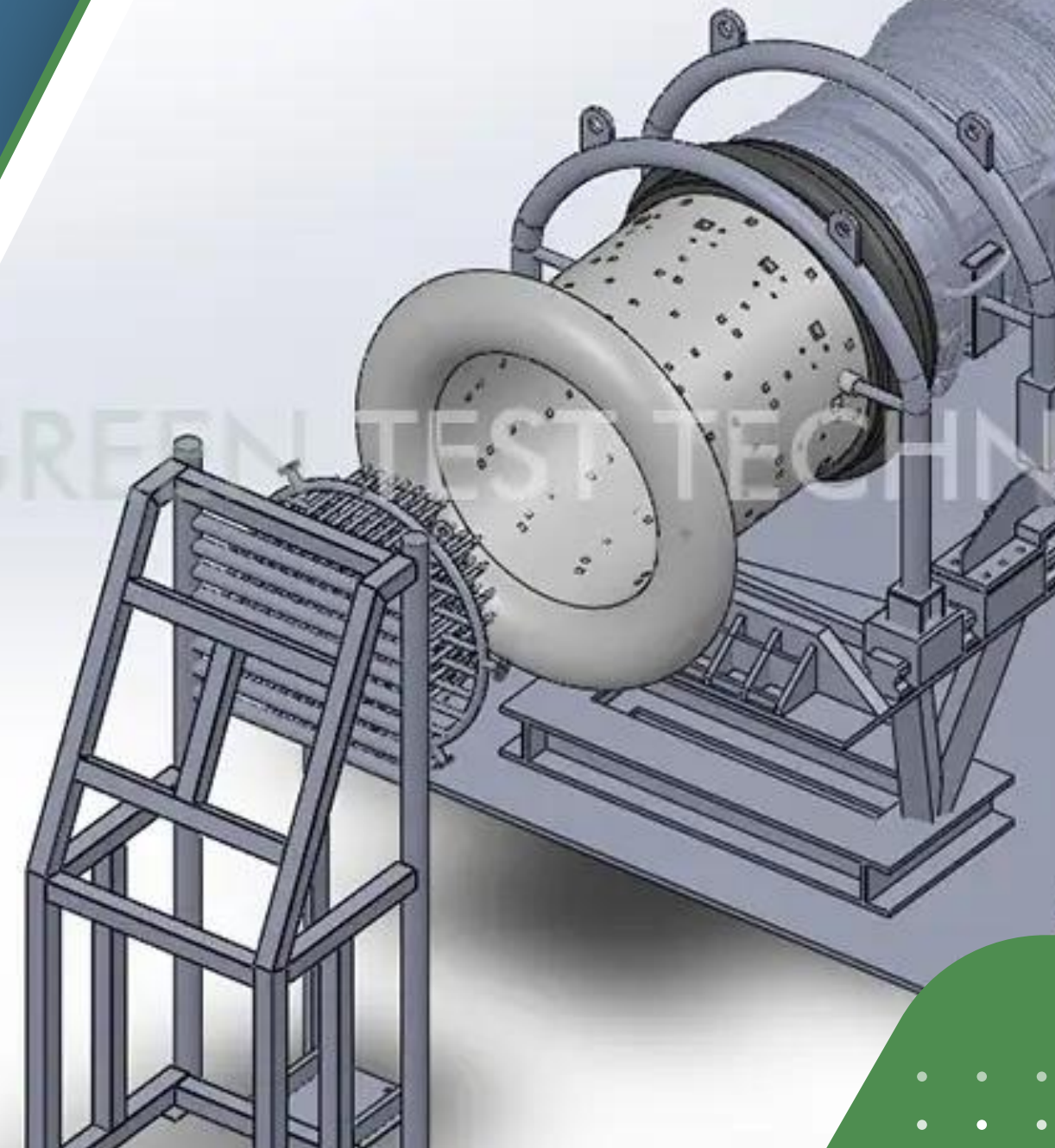
Bird Strike Test System

- Wide velocity and mass range
- Enhanced safety systems and protective measures
- Focused/aimed projectile launch capability
- High-speed camera integration support
- High-rate real-time data acquisition and control
- Full compliance with FAA 14 CFR Part 25, EASA CS-25, and relevant STANAG standards
- Versatile fixture and mounting support
- Rapid loading and firing capability



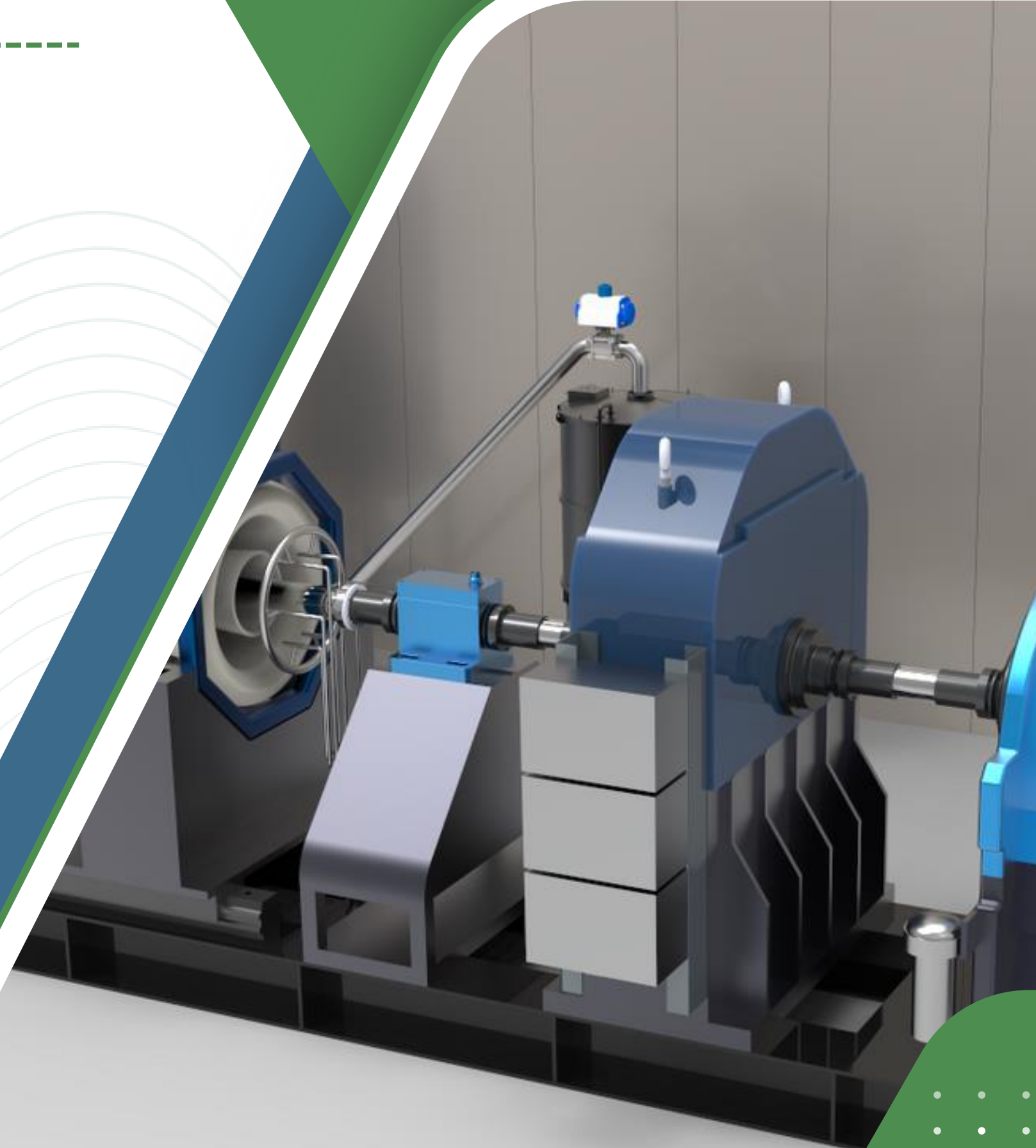
Water Ingestion Test System

- Wide particle size and flow-rate support
- Speed profile based control
- Synchronization with FADEC (Full Authority Digital Engine Control)
- High-precision water flow measurement
- High-speed camera and PIV (Particle Image Velocimetry) integration support
- Real-time data acquisition and control option
- Full compliance with FAA 14 CFR Part 33.77, EASA CS-E 780, and ICAO Annex 8 standards



Sand & Dust Ingestion Test System

- Wide particle size and flow-rate support
- Speed profile based control
- Synchronization with FADEC (Full Authority Digital Engine Control)
- High-precision sand and dust weight measurement
- High-speed camera and PIV (Particle Image Velocimetry) integration support
- Real-time data acquisition and control option
- Full compliance with FAA 14 CFR Part 33, EASA CS-E, SAE ARP 5876 standards



Space Test Systems

**Static Fire
Testcells**

**Cold Flow Test
Systems**

**Injector &
Ignition Test
Systems**

**Composite
Tank
Test Systems**

**Turbopump
Test Systems**

**Bearing &
Sealing
Test Systems**



Static Fire Testcells

- Robust thrust measurement and mounting foundation
- Blast and acoustic protection (noise suppression, flame trenches, water deluge systems)
- Dedicated propellant storage and transfer systems
- Qualified piping, seals and materials for oxygen compatibility and cryogenic service
- Separate storage tanks for fuel and oxidizer with appropriate insulation and venting
- Transfer & chill-down systems for cryogenics
- Pressurant supply system for tank pressurization and pressurant management with gas conditioning
- Redundant regulators and emergency dump/vent paths for rapid safe depressurization
- Real-time data acquisition and control
- Environmental and regulatory compliance



Turbopump Test Systems

- Wide range speed, torque and power control and measurement
- Modular fixture to accept different size pump/turbine and shaft
- High-power variable speed electric motor or gas turbine driver with smooth torque control and regen capability
- Flexible coupling with torsional vibration damping and quick-disconnect capability
- Safety containment for rotor failures
- Conditioned fluid supply circuits for pump inlet
- Forced lubrication system with oil supply, filtration and temperature control for bearings and seals
- Full compliance with speed sweep, torque sweep, cavitation map, efficiency map and transient spin-up/spin-down tests
- High precised measurement
- Real-time data acquisition and control
- Environmental and regulatory compliance



Cold-Flow Test Systems

- Modular test cell configurable for component, subsystem and full-feedline tests
- Flexible plumbing with quick-disconnects and interchangeable manifolds to support different propellant types and test setups
- Chilledown and pre-conditioning systems for cryogenics
- Ventilation and exhaust systems sized for cryogenics, hydrocarbons and oxidizers
- Robust grounding and electrostatic control zones for flammable fluids
- Pressurant supply and control (He/N₂) for simulating tank head pressures and ullage conditions
- Flow visualization option
- Redundant pressure reliefs, burst discs and emergency vents on all pressured lines
- Rapid isolation and purge paths to evacuate residual oxidizer from feed lines and pump cavities
- High accuracy instrumentation, data acquisition and control



Injector & Ignition Test Systems

- Modular test cell configurable for single-injector, cluster and full-engine injector tests
- Interfaces for multiple igniter types: spark-torch
- Support for multiple propellant types
- Cryogenic feed and chilldown capability
- Oxidizer decomposition controls and inhibitor handling for reactive oxidizers
- Inerting/purge systems for injector cavities, lines and test cell
- Robust grounding and electrostatic control zones for flammable fluids
- High accuracy instrumentation, data acquisition and control
- Continuous gas monitoring with alarm thresholds and vent sequencing.



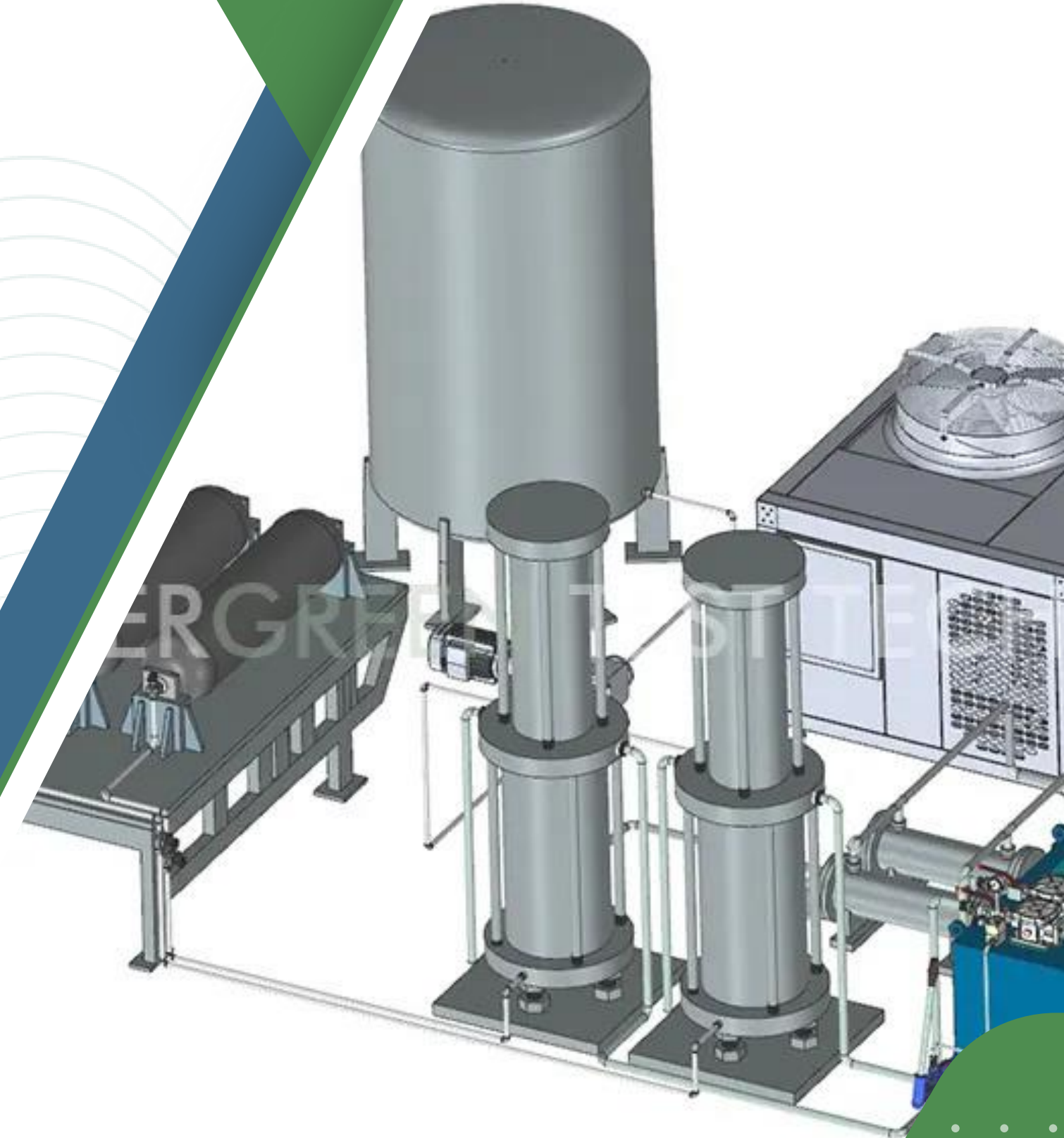
Bearing & Sealing Test Systems

- Modular test rig for single-bearing, bearing assemblies, seal cartridges and bearing-seal integrated assemblies
- Rigid shaft coupling with precision alignment fixtures and micrometer/perhaps motorized adjustment for concentricity
- Torque and speed absorbing/braking module for safe spin-down and recovery; over-speed protection hardware
- Independent axial and radial load actuators with closed-loop control
- Capability to test static, dynamic and face seals, labyrinths, lip seals and mechanical (metal) seals
- allowing controllable differential pressure, counterface geometry interchangeability and controlled squeeze/clearance settings for seals
- Real-time bearing and seal health monitoring
- Wide range speed, load and temperature control for bearing
- Wide range temperature and pressure control for media
- High accuracy instrumentation, data acquisition and control



Composite Tank Test Systems

- Pressurization capability up to 1300 Bar
- Full compatibility with tanks of different volumes
- Optional conditioning to cryogenic temperatures for the tank and filling fluids and gases
- Continuous precise control capability even in high-cycle tests
- Leak detection system
- Full compliance with ASME, ASTM, API, ECSS, and ISO standards
- Auxiliary venting circuit
- Operator and environmental safety measures
- High-precision data acquisition and control



Support Systems

In addition to turnkey test system delivery and installation, E2T provides comprehensive support systems for test platforms developed in-house by our customers. These support solutions encompass modular components such as control units, data acquisition frameworks, safety interlocks, sensor integration packages, and automation software, all tailored to the customer's operational requirements. Our modular support systems are designed for rapid integration with both newly deployed and existing test setups, minimizing downtime and engineering overhead.

The Advantages We Provide



High Technology and Innovation



Fast Delivery and Installation



Flexibility and Customization



Cost Efficiency



Quality and Reliability



Sustainability



Full Documented



Environment-Friendly Systems



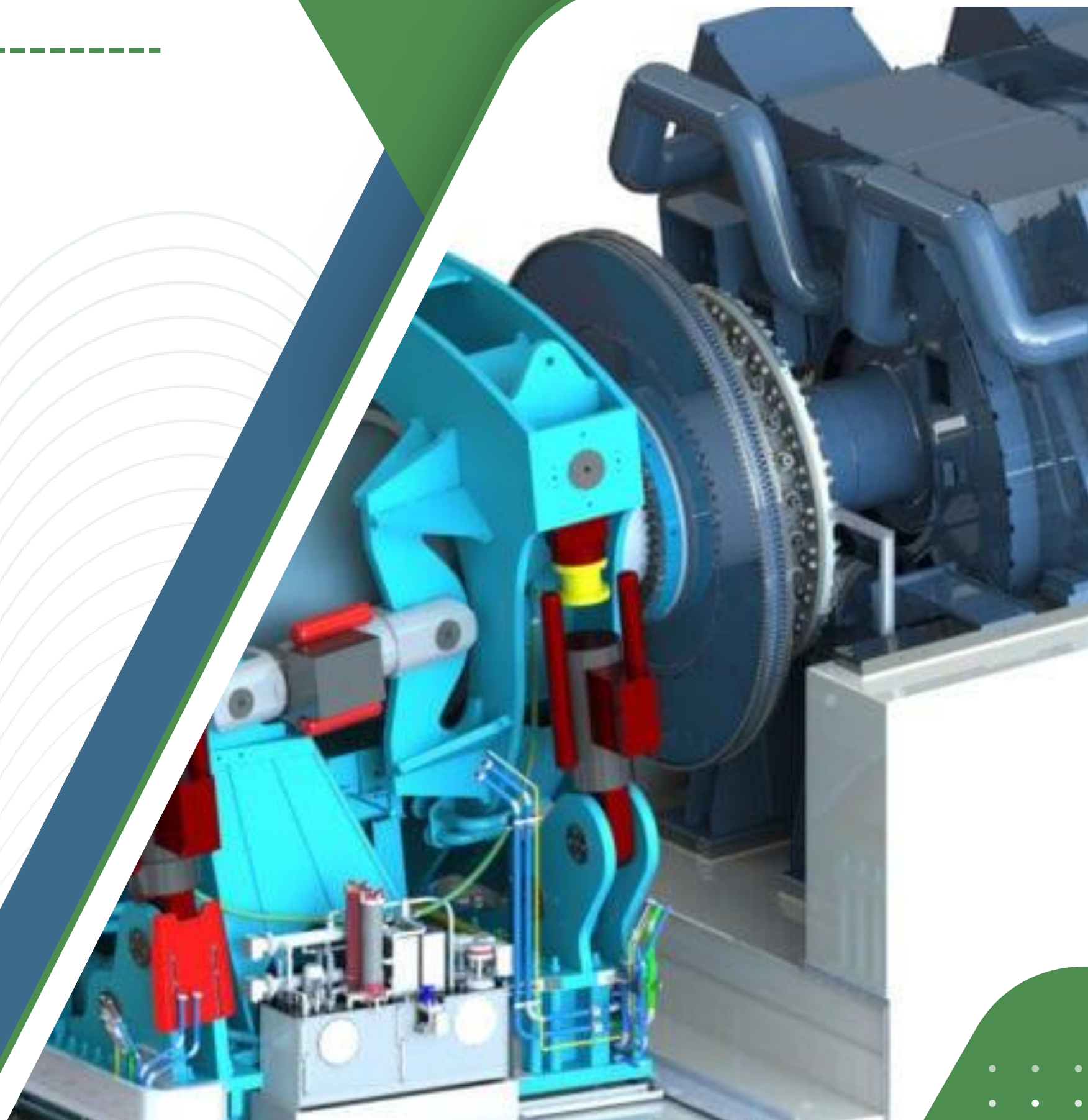
Fluid Conditioning Systems

- Support for wide temperature and pressure ranges
- Full compatibility with a variety of fluid types like air, gases, water, fuel, lubricant or calibration fluid, etc.
- Optional Ex-proof (explosion-proof) configuration
- Guaranteed laminar flow delivery to the target point
- Contamination control for liquids
- Sealing/leakage-proof guarantee
- Filter clogging indicators
- Precise pressure, temperature, and flow measurement
- Support for multiple communication protocols
- Real-time data acquisition and control
- Guarantee of tanks and lines that do not interact with the fluid type



Drive Line Solutions

- Motor, gearbox, and dynamometer configurations with high power and speed capacity
- Precise speed (rpm) and torque control
- Real-time data acquisition and control
- Modular frame and support structure with quickly adaptable mounting interfaces to accommodate different engine sizes and weights
- 6-DOF / multi-axis alignment with fine adjustment mechanisms for axial and lateral alignment
- Precise torque and speed (rpm) measurement
- Adaptable lubrication and cooling systems
- Wide range of connection/interface options
- Support for multiple communication protocols
- Advanced safe-operation features and alarm support



Control Room Solutions

- Modern and elegant architectural design
- Advanced data acquisition, processing, and control systems
- Acoustic-optimized environment with noise and vibration isolation
- Advanced HVAC with precise climate and humidity control
- Wide-coverage camera and sensor network
- Single-point control, monitoring, and command capability
- Redundant storage and automated backup solutions (on-site & off-site)
- Ergonomic visualization infrastructure with wide viewing angles and multi-monitor displays
- Controlled and authorized access (access control, biometric options)
- Optional explosion-protected and fire-hardened rooms
- Power redundancy and uninterruptible power supplies
- Emergency procedures and monitoring: alarm integration, fire detection and evacuation systems
- Ergonomic operator workstations, adjustable consoles, and advanced lighting



E2T Control Suite

E2T Control Suite is a hardware-independent control software developed to enable you to manage your test operations from a single point. Thanks to its flexible and modular architecture, it allows you to control your test systems both manually and automatically. With E2T Control Suite, you can monitor your data in real-time and record it.



Advantages of E2T Control Suite

- **Centralized Control:**

Ability to manage all test operations from a single point.

- **Compatibility:**

Fully compatible with your existing test systems.

- **Efficiency:**

Saves time and costs with automated test scenarios.

- **Reliability:**

Ensures high accuracy in data collection and control processes.

- **Scalability:**

Allows you to expand your system by adding new equipment and test scenarios.



Control Suite
Hardware-Independent
Data Acquisition and Control

Key Features of E2T Control Suite

Hardware-Independent Structure

- Multiple communication protocol support (Modbus, CAN, Ethernet/IP, ARINC, ProfiNet),
- Full compatibility with hardware from different brands and models.

Real-Time Data Monitoring and Recording

- Customizable indicators,
- Multiple recording file options,
- Database support.



Flexible and Modular Architecture

- Custom modules tailored to your test operations,
- User-friendly interface,
- Dynamic GUI,
- Advanced Error Handling.

Manual and Automatic Control

- Predefined test scenarios,
- Support for multiple PID and MFA controllers,
- Advanced warning and alarm modules.



RemoteVista

RemoteVista is a unique remote monitoring software designed for test laboratories, power plants, and mass production plants. Built on the robust architecture of the **E2T Control Suite**, RemoteVista provides real-time access to all field sensor data through its flexible and user-friendly interface, available via the internet or intranet.



Advantages of RemoteVista

- 24/7 Remote Monitoring and Control Capability
- Instant system monitoring from your computer, tablet, and mobile phone
- Customizable alarm and alert systems
- Comprehensive performance analysis tools
- Detailed reporting capabilities
- Dynamic and Customizable Interface
- Advanced Alarm and Analysis Capabilities
- Comprehensive Reporting Solutions
- Dynamic and flexible user interface
- Automatic report generation and sharing



Pressure Scanners



High Performance Industrial Pressure Scanner

- 16 and channel rugged industrial pressure scanner.
- Up to 0.04% FS accuracy output.
- Integrated SQDC quick disconnect interface.
- Thermally compensated from -40 to 100°C.
- Integrated software-controlled heater.
- Output over Ethernet (100Mbit TCP/IP) and CAN.
- Sealed to IP67.



16 Channel Advanced Pressure Scanner

- Unparalleled Data Quality: up to 0.02% of full scale
- Multi-range and in field transducer replacement
- 1kHz per channel
- Absolute and differential measurements
- 2 x 24-bit ADC per channel (pressure and temperature)
- Output over Ethernet (100Mbit TCP/IP)



32 Channel Pressure Scanner

- Unparalleled Data Quality: up to 0.02% of full scale
- 24-bit ADC per channel
- 200Hz per channel
- Absolute and differential measurements
- Electrically driven valve for purge and re-zero
- Output over Ethernet (100Mbit TCP/IP)



Thermocouple Scanner

The 2432T is specifically designed for gas turbine and jet engine testing and development, where temperature measurement is required in addition to pressure measurement.

- Configurable acquisition system for different type thermocouples
- 32 configurable thermocouple measurement channel
- 250Hz per channel measurement frequency
- ADC per channel and 24-bit synchronous acquisition
- Screw terminal inputs
- High integrity copper UTR design for accurate cold junction measurement
- Open circuit detection with advanced SIM (Sensor Impedance Measurement)
- 1000V channel to channel isolation
- User configurable outputs over Gbit Ethernet – iDDS, Chell Protocol, IENA, Modbus & Netscanner® emulation
- With IEEE 1588 PTP V2
- Power-over-Ethernet (PoE) or DC supply (auto configuration)
- Fully configurable over Ethernet with embedded web server



Multi-Purpose Scanner

flightDAQ-TL – Voltage, Resistance and Temperature Acquisition System

- Configurable acquisition system for PRT's, thermocouples and external pressure transducers (amplified or ratio metric).
- 16 independently configurable input channels supporting both resistance and voltage measurements with user-definable range programming
- Open-circuit-detect per channel
- 24-bit resolution
- Configurable 5, 10 and 24V excitation.
- 250Hz per channel measurement frequency.

Chell Smart Connector

Three distinct types or of Smart Connector are available; for pressure transducers (or voltage signals), thermocouples and RTD's.

The Smart Connectors have been comprehensively tested for vibration, altitude and temperature to deal with harsh environments.

All connector types can be programmed with useful features such as calibration date, transducer information and serial number in 256 bytes of user defined memory.



CONTACT US

Phone

+90 541 226 2323

Email

info@e2t.com.tr

Website

www.e2t.com.tr

Location

E2T DANIŞMANLIK A. Ş.
GOSB Technopark Hightech Building,
Kemal Nehrozoğlu Street, No: 507/8,
Gebze/KOCAELİ, TURKIYE

