

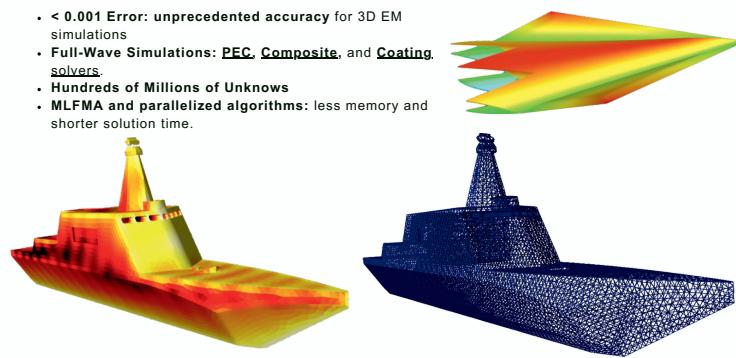


Accelerate Simulation
Technologies

PACE
Paralleled Computational Engineering

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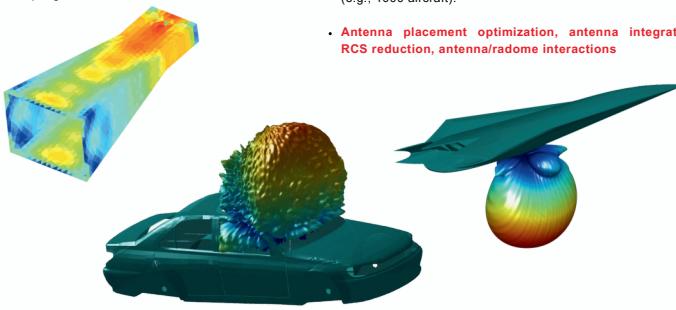
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- Full-Wave Simulations: **PEC**, **Composite**, and **Coating** solvers.
- Hundreds of Millions of Unknowns
- MLFMA and parallelized algorithms: less memory and shorter solution time.



PACE Apex

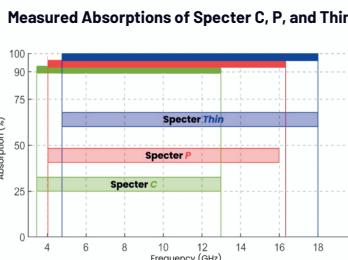
Antenna Platform Electromagnetic Analyses Expansion

- **Full-wave Electromagnetic Coupling Analyses of Antennas:** Antenna placement optimization, RF interoperability analyses, coupling reduction
- **Nearfield Equivalent Source:** High-fidelity simulations of antennas integrated on conductive, coated, or composite platforms, supporting up to hundreds of millions of unknowns. (e.g., 1000 aircraft).
- **Antenna placement optimization, antenna integration, RCS reduction, antenna/radome interactions**



Wideband Radar Absorbing Frequency Selective Surfaces

More than 90% absorption and wide angle performance



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Antenna & Microwave Kits



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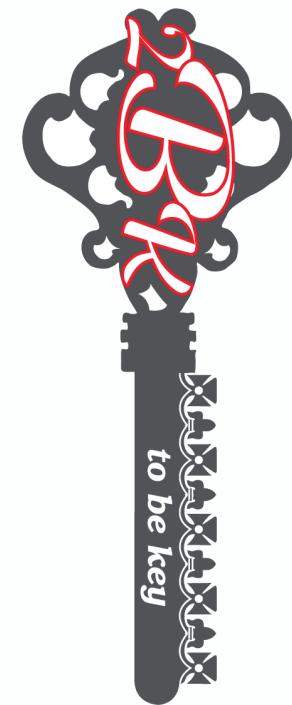
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Custom designed Single and Double Axis Rotary Positioners validated for continuous operation in extreme environmental conditions.



DUAL AXIS POSITIONERS

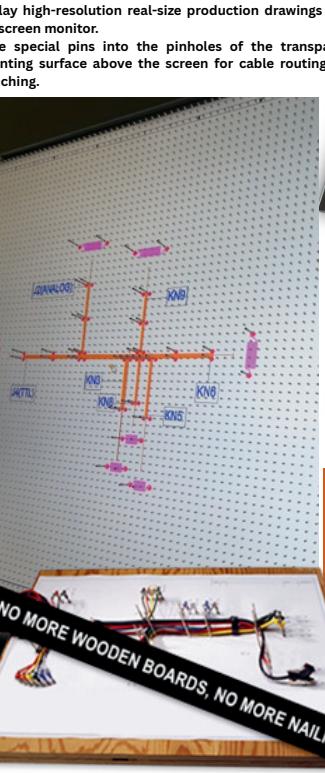


SINGLE AXIS POSITIONERS

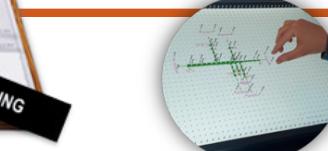
25 Years Anniversary

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- Reconfigurable Pin Placement
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- High Resolution Display
- Harness View in Real Size
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LVT Test Laboratories have been providing RELIABLE service in the sector for 13 years, based on INDEPENDENT and PRINCIPLED work within the scope of approximately **300 standards harmonized** under the **LVD and EMC** directives.

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EN / IEC 62271 Series: High Voltage Switchgear and Controlgear,
EN / IEC 60601-1: Electrical Medical Devices,
EN / IEC 61587: Rack Cabinets,
EN / IEC 60598 Series: Lighting Luminaires,
EN / IEC 60146 Series: Rectifier Groups,
EN / IEC 62368 Information Technology Devices,
EN / IEC 62208: Panel Frame,
EN / IEC 60335-1 Safety of Household And Similar Electrical Appliances,
EN / IEC 61547 Equipment for General Lighting Purposes,
EN / IEC 55015 Radio Disturbance of Electrical Lighting,
EN / IEC 60601-1-2 Medical Electrical Equipment,
EN / IEC 55014-1 Electromagnetic Compatibility Household Appliances,
EN / IEC 55014-2 Electromagnetic Compatibility Household Appliances,
EN / IEC 55032 Electromagnetic Compatibility of Multimedia Equipment,
EN / IEC 55035 Electromagnetic Compatibility of Multimedia Equipment,
EN / IEC 60204-1 Safety of Machinery,
EN / IEC 61000-6-2 (EMC) Immunity for Industrial Environments,
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EN / IEC 61587: Rack Cabinets,
EN / IEC 60670 Series: Box and Junction Box Groups,
EN / IEC 61386: Pipe Groups Used in Electrical Installations,
EN / IEC 60598 Series: Lighting Luminaires,
EN / IEC 61851 Series: Electric Vehicle Charging Stations

Our scope expansion efforts continue rapidly in line with the demands from the sector.



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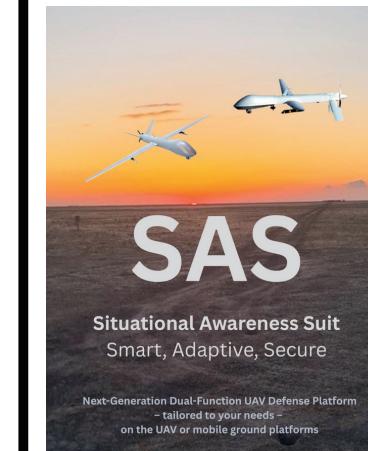


Eagle EYE UAV EYE

Precision Altimeter for Critical Missions

- MIN ALTITUDE: 2 Meters
- MAX ALTITUDE: >1500m (5000ft) (Eagle EYE) / 100m (UAV EYE)
- ALTITUDE ACCURACY: ±1m or 3% (Eagle EYE) / ±0.1 m precision (UAV EYE)
- VECTORIAL VELOCITY: Up to 6 Mach (2000m/s)
- COMM.: RS422 / RS485
- UPDATE RATE: 100 Hz
- POWER CONSUMPTION: <10 W
- INPUT VOLTAGE: 18-32 VDC
- OPERATING TEMP.: -40° C / +71° C
- SYSTEM WEIGHT: <600g
- DIMENSION: 194 x 125 x 42 mm

UAV EYE mode is a switchable mode for landing and take-off from flat run ways



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