

# SHIELDING THE SKIES WITH DEFENSE SOLUTIONS

**interface**  
FORCE MEASUREMENT SOLUTIONS.

*Interface proudly serves the world's largest manufacturers and suppliers in the aerospace and defense industry by providing force measurement solutions that are used in various critical systems such as aircraft weighing, aerospace material testing, and military vehicle load testing. Whether it's monitoring payloads in aircraft or ensuring precise weight distribution in military vehicles, load cells contribute to optimal performance and mission success, upholding the highest standards of reliability and accuracy in aerospace and defense operations.*

Global expenditure has reached a record high of \$2440bn, pushing spending to the highest recorded by the Stockholm International Peace Research Institute (Sipri) in its 60-year history. Spending is primarily centered in defense on military hardware and systems, such as fighter planes, tanks, naval vessels, missiles, and electronic warfare systems. It is estimated that over \$1B is spent on testing solutions.

A&D industry leaders and governments require diverse measurement solutions to meet the changing landscape and innovation, from new fuels to digital transformation. Every change requires testing and validation. From air mobility to sea and space exploration, accurate measurement solutions are a necessity for sustainability and advancements.

A&D rely on high-accuracy, quality load cells for testing designs, applying technological advancements and expanding capabilities. These sensors allow defense companies to precisely measure forces acting on different aircraft and spacecraft parts during design, testing, and even flight.

Interface's state-of-the-art precision load cells have been utilized in a wide array of projects, spanning from major undertakings to more modest ventures. From aircraft and ground vehicles to critical infrastructure, our track record includes supplying a diverse range of load cells, including jumbo and mini variants, torque transducers, multi-axis sensors, custom load pins, and cutting-edge wireless telemetry testing systems.

