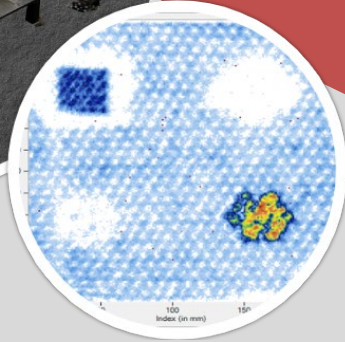


# Air coupled ultrasonic inspection for aerospace components



## Non-contact Inspection

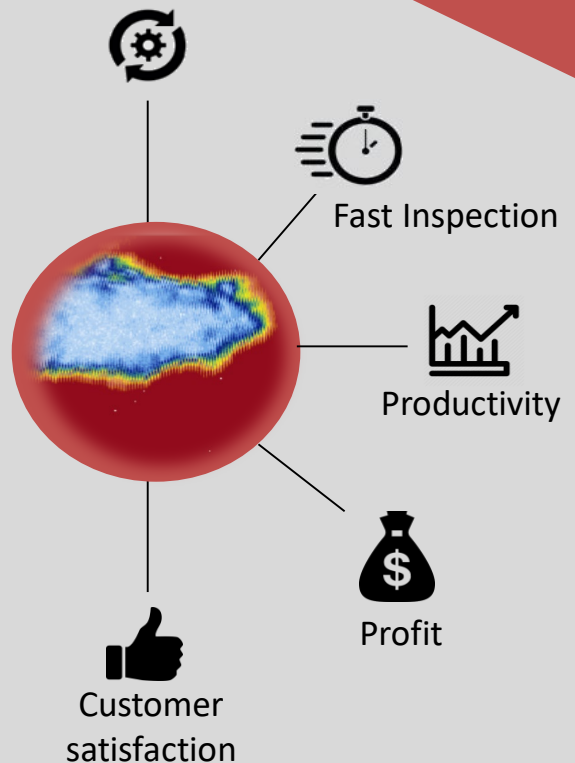
Ultrasonic Inspection at industrial scale without the use of fluid couplant. Complex Shaped Components made of Composites and Honeycomb using TT and PE modes are widely used in the industry

Dhvani non contact scanners provide a reliable and efficient solution for the same

## System Features

- Choice of Gantry or Robot configurations.
- Flat and Curved sample sizes up to 3 m x 3 m x 5 m
- Frequency Range 50-500 kHz
- Thickness up to 30 mm for composites and 50 mm for Honeycomb panels.
- Defects detected and Sized using Automated AI based S/W
- Delaminations, Disbonds, Inclusions detected.

Optimization



## WHY DHVANI ?

- Proven competency – Over 40 multi-axes systems installed across the world in various industries.
- Proven Track Record of Reliability and Service.

