



Acubed in brief

Since 2015, Airbus' innovation center in Silicon Valley, Acubed, has been a driving force to help Airbus build the future of flight.

Initially set up to disrupt Airbus from within to mitigate disruption from external forces, Acubed kickstarted Airbus' exploration of areas such as autonomous, electric air taxis (Vahana), mobility-as-a-service (Voom), Unmanned Traffic Management (Airbus UTM), Advanced Digital Design and Manufacturing (ADAM), and modular cabin concepts (Transpose), among other emerging trends.

With over five years of operations, Acubed's model has evolved to be highly collaborative, ensuring it injects lasting value and expertise from Silicon Valley into Airbus.

Current projects

Acubed's current flagship projects are closely aligned to Airbus' strategic priorities and aim to help Airbus secure and maintain leading positions in new and emerging aerospace markets.

WAYFINDER

- The Wayfinder team is developing certifiable autonomous flight and machine learning solutions to help Airbus bring about a significant increase in safety and efficiency in the next generation of commercial aircraft.
- Their team of experts are working hand-in-hand with Airbus' teams in Europe to continue to improve and iterate on their computer vision-based autonomous systems and data-driven development in order to support Airbus' wider autonomy goals.



- The Advanced Digital Design and Manufacturing (ADAM) team is seeking to future-proof



the aerospace industry through the application of digital innovation to design and manufacturing.

- Whether adapting manufacturing processes to gain efficiencies or to cope with disruptions, such as the COVID-19 pandemic, ADAM is helping to reduce lead times, production costs and to improve workflows dynamically, while helping to blend software and hardware expertise, an emerging skill set required for future aerospace careers.

Airbus UTM

- Airbus UTM is enabling autonomous and digital air traffic operations to ensure a safe, fair and efficient airspace. The teams are doing this through research, simulations, operational services and industry collaboration.
- The Airbus UTM team at Acubed is part of the wider Airbus UTM team located across Europe and Singapore. They are delivering a suite of products for an extensible UTM ecosystem, which includes essential core services such as safety briefings, risk analysis and airspace authorization.

Follow Us:

[Twitter](#)

[LinkedIn](#)

[Instagram](#)

Contact Us:

press@airbus-sv.com