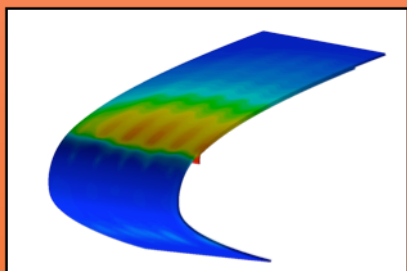
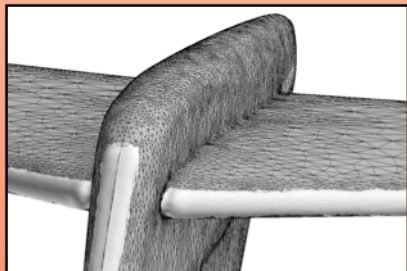
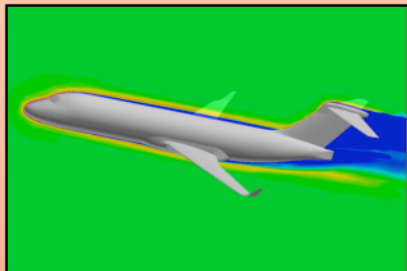
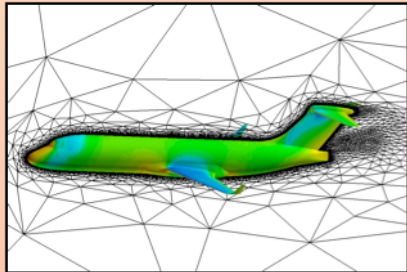


## Instantly extend your CFD dry air capabilities to 3D in-flight icing simulation



FENSAP-ICE™ has established itself as the premier in-flight icing simulation system, for droplet impingement (DROP3D™), ice accretion (ICE3D™) and, de- and anti-icing (CHT3D™). It is used worldwide at most major aerospace companies.

**This advanced in-flight icing simulation technology is finally available in a fully-integrated way to users of other commercial codes: FLUENT™ and CFX™.** With a few clicks in a user-friendly GUI environment, you can instantly extend your dry air CFD capabilities to 3D in-flight icing design and aid-to-certification applications. No need to remesh, no need to rerun your flow solutions.

Click and let DROP3D's fine-grain partial differential equations compute water concentration and velocity everywhere in one shot. This allows accurate determination of impact or shadow zones on full aircraft, rotorcraft, nacelles, air induction systems and instruments.

Click and let ICE3D's fine-grain partial differential equations compute ice growth and water runback, with no empiricism, for a full aircraft, engine air intakes, probes and antennas.

Click and simulate with CHT3D hot air or electro-thermal ice protection systems, with multiple air-solid interfaces and multi-layer conduction materials including dielectric, conductors and adhesive. FENSAP-ICE is an ideal tool to optimize electro-thermal system stack-up, and heater cycling.

FENSAP-ICE's unmatched innovative functionalities are now only "a-click-away", including automatic regriding of iced geometries for multiple accretion layers, increased ice shape accuracy in rime and glaze ice conditions, and reliable performance degradation evaluation.

Contact us and we will be pleased to demonstrate how FENSAP-ICE can help you analyze aerodynamics and icing concurrently.

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All CFD images produced by FieldView