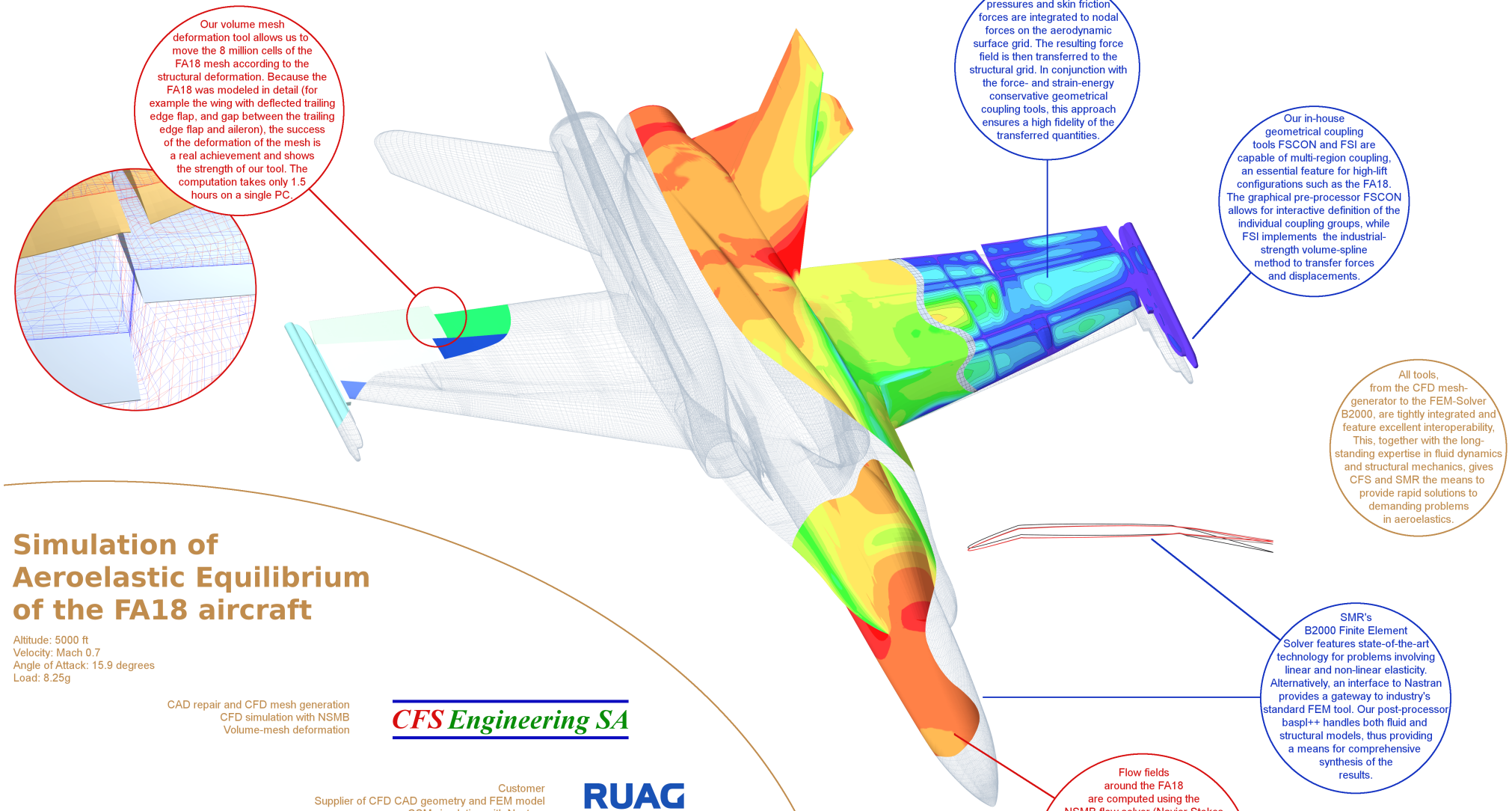

Simulation of Aeroelastic Equilibrium of the FA18 aircraft

Altitude: 5000 ft
Velocity: Mach 0.7
Angle of Attack: 15.9 degrees
Load: 8.25g

CAD repair and CFD mesh generation
CFD simulation with NSMB
Volume-mesh deformation

CFS Engineering SA

Customer
Supplier of CFD CAD geometry and FEM model
CSM simulation with Nastran

RUAG
Aerospace Defence Technology

Geometrical Coupling
Post-processing of results

SMR
Engineering & Development