

# Crafting Solutions through People and Expertise



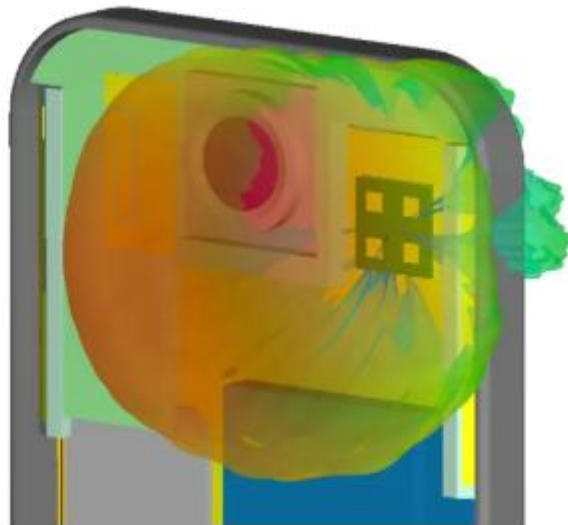
Software which delivers realistic simulation applications that enable users to explore real-world behavior of product, nature and life.

- SimuserV was founded in 2002 with a background in simulation consulting to empower client's commercial capabilities which has seen SimuserV grow to become a trusted advisor as **Scientific Software Specialists**.
  
- A Platinum Partner of Dassault Systemes **SIMULIA** software solutions we provide
  - **Software for CAE, EMAG, FEA, CFD and Multiphysics**
  - Design Optimisation and Process Automation software solutions
  - Provide support, training and customisation services for all our products
  
- Execute Simulation Consulting Projects and Simulation Management Services
  - Clients include Private Industry, Government, Defence and Academia
  - Industry includes Aerospace, AEC, MedTech, Pharma, Railway, Energy and Mining
  - Processes and best in practice workflows combined with custom client solutions

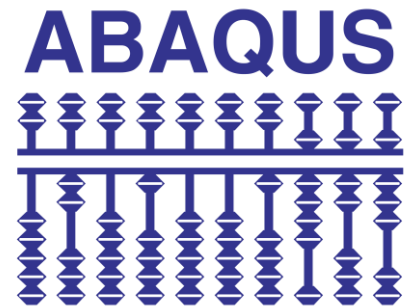
At SimuserV we're excited about solving problems and getting the most out of our customer's products. We always promote a close working relationship with all our customers. We understand that simulation is most effective when it is considered as an integral part of the design or problem resolution process. Our customers often have an extensive background in their respective fields, simulation should be used as a tool to supplement and build on that existing knowledge base.



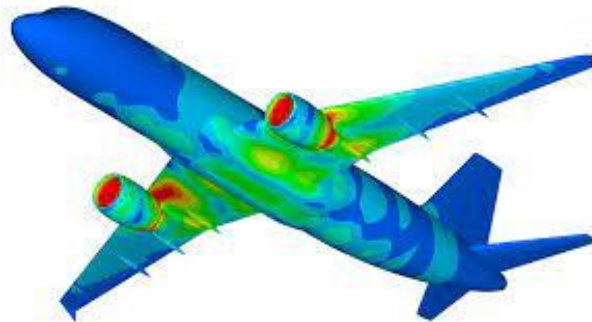
Electromagnetics simulation discipline includes technology for simulation of electromagnetic waves propagation and signal strength related to design and positioning of devices for communication and detection. Technology from CST Studio Suite is connected to the 3DEXPERIENCE platform to allow a wide range of high-frequency and low-frequency scenarios to be efficiently simulated related to electromagnetic performance and device placement.



Simuserv have long been supporters of the Australian Microwave Symposium. We are local with offices from Perth to Auckland in New Zealand, we offer highly discounted academic licenses to support the future of Electromagnetics as well as offering highly specialised technical support through our support team and extended network. Using best in class Electromagnetics software CST Studio Suite and OPERA low frequency simulation tools please reach out to us if we can be of any assistance.



Structures simulation includes Finite Element Analysis (FEA) using Abaqus for solids and structures to model linear and nonlinear static, thermal, dynamic, and impact effects. Realistic simulation includes complete material behavior (for metals, elastomers, composites, and many other materials), contact and impact, and large motion. Fracture/failure analysis can be included. Fatigue simulation and lifecycle estimation is provided using fe-safe technology. Integrated directly with CAD models generated within CATIA & SOLIDWORKS, a wide range of scenarios can be efficiently modeled & simulated from single parts to complete assemblies allowing simulation to become a core part of product design & engineering processes.



We specialize in delivering accurate, credible, and timely structural simulations, with expertise in solving complex and extreme challenges. Serving industries such as Automotive, Aerospace, Oil & Gas, and Mining, our capabilities include advanced finite element analysis (FEA), nonlinear material modelling, and custom solution development. Proficient in Abaqus and advanced numerical techniques, we excel in handling dynamic, thermal, vibration, and contact analyses, along with developing custom subroutines, python scripts and optimization workflows. With expertise in FEA & CFD simulation techniques, we also provide training, technical software support, methods development and R&D support to enhance your analysis capabilities. Contact us to learn more.



**From pit-to-port, GEOVIA's digital mine solutions will help you refine your mine plans and processes, improve your mine's net present value, and move you closer than ever to being a truly smart mine.**

From our collaborative and integrated work environment, based on the **3DEXPERIENCE** platform, you will be able to:

- Build a comprehensive repository for all your data that is secure and accessible and makes your data easy to share with teammates and stakeholders
- Run advanced data analytics applications to extract meaningful insights that will increase the reliability of your data designs, plans, and processes
- Go beyond digital twin mining technology to build powerful, dynamic virtual twin models using the tools that founded the brand as a market leader into the future with a collaborative unified single source of truth.



#### **Surpac**

GEOVIA Surpac™ is the world's most popular geology and mine planning software. It delivers efficiency and accuracy through ease-of-use, powerful 3D graphics, and workflow automation.



#### **Whittle**

GEOVIA Whittle™ is the world's most trusted strategic mine planning software used to determine and optimize the economics of open pit mining projects.



#### **MineSched**

GEOVIA MineSched™ is the most innovative scheduling software experience for mining puts you back in the driver's seat to maximize productivity and profits.