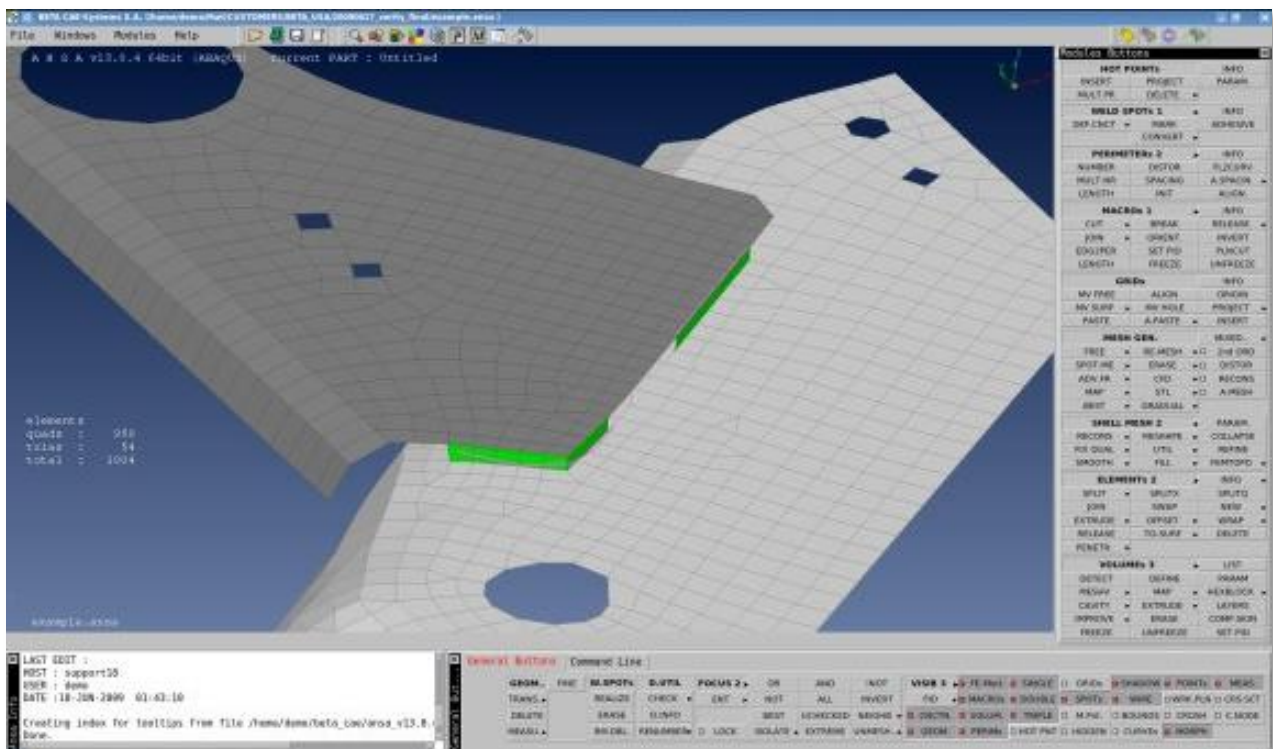


Integrated Verity® weld definition tool for ANSA users

BETA CAE Systems and Safe Technology have collaborated to develop a Verity® Weld Definition Tool in ANSA for [Verity® in fe-safe™](#). The result is a significant reduction in the weld modeling process and subsequent improved efficiency of weld fatigue analysis for ANSA users. The tool was initially developed for Volvo Trucks NA and is now available as standard to all ANSA users using Verity® in fe-safe™.

The automatic generation of weld shells and heat-affected zones according to weld type (Lap Weld, Y-Weld, Edge-Weld, Crimp-Weld, etc.) was introduced in ANSA v13x to serve the needs of fatigue analysis modelling. The shape of the resulting weld can be fully controlled through numerous options (Heat Affected Zones, Primary/Offset Row, Offset Distance, Height, etc.). The Verity® Weld Definition Tool can be utilised during the process of identifying and modeling seamweld, leading to a significant reduction in the weld fatigue analysis process.

ANSA from BETA CAE Systems is a leading multidisciplinary CAE pre-processor which provides full model build-up capability in an integrated environment for numerous analysis codes. Its functionality spans from data translators, clean up and assembly to batch meshing, model completion, check and solution scenario definition. Integrated with Data Management, Task Management, and scripting language in addition to other tools, it provides a unique productive modelling environment. ANSA is widely used across many industries including: automotive, aerospace, bio-mechanics, defence, marine and many others.



About BETA CAE Systems S.A.

BETA CAE Systems S.A. has its headquarters in Thessaloniki, Greece. It is a private engineering software company committed to the development of best-in-class pre- and post-processing solutions for multidisciplinary CAE applications. The BETA CAE Systems flagship product suite comprising ANSA pre-processor and META post-processor, holds a worldwide leading position in the CAE software.

About Safe Technology

Safe Technology is the technical leader in the design and development of fatigue analysis software, specialising in fatigue from FEA. Safe Technology is dedicated to pushing the boundaries of durability analysis software to bring our customers unrivalled new capabilities and levels of accuracy for both routine and sophisticated applications. Safe Technology develops and sells the fe-safe™ suite of software. fe-safe™ is state-of-the-art fatigue analysis software for FE models. In August 2013, Safe Technology was acquired by Dassault Systèmes.

BETA CAE Systems and Safe Technology are Software Partners.