Webinar:
Introduction to the Femap Meshing Toolbox

Tommy Board, ATA Engineering

September 26th 2018

What We Do

ATA Engineering's **high-value engineering services** help solve the most challenging product design challenges

Aerospace
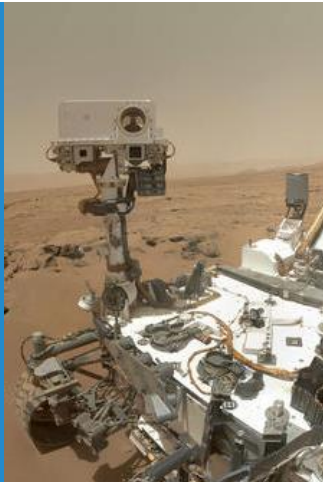
Robotics & Controls

Themed Entertainment

Defense

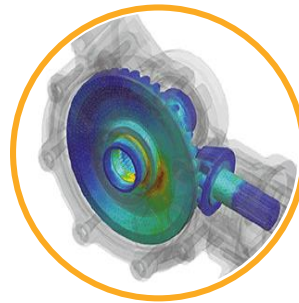Industrial & Mining Equipment

Consumer Products

Our Services

We provide our customers with **complete, integrated solutions**

Design

From initial concept development to detailed structural design

Analysis

Comprehensive structural, fluid, acoustic, and thermal analysis services

Test

Industry-leading structural test services for extreme loading environments

Our Software Services

ATA is a value-added reseller for **Siemens PLM Software**

➢ Siemens product lines we support include
  ➢ STAR-CCM+
  ➢ Femap
  ➢ NX Nastran
  ➢ Simcenter 3D
  ➢ NX CAD & CAM
  ➢ Teamcenter
  ➢ Solid Edge

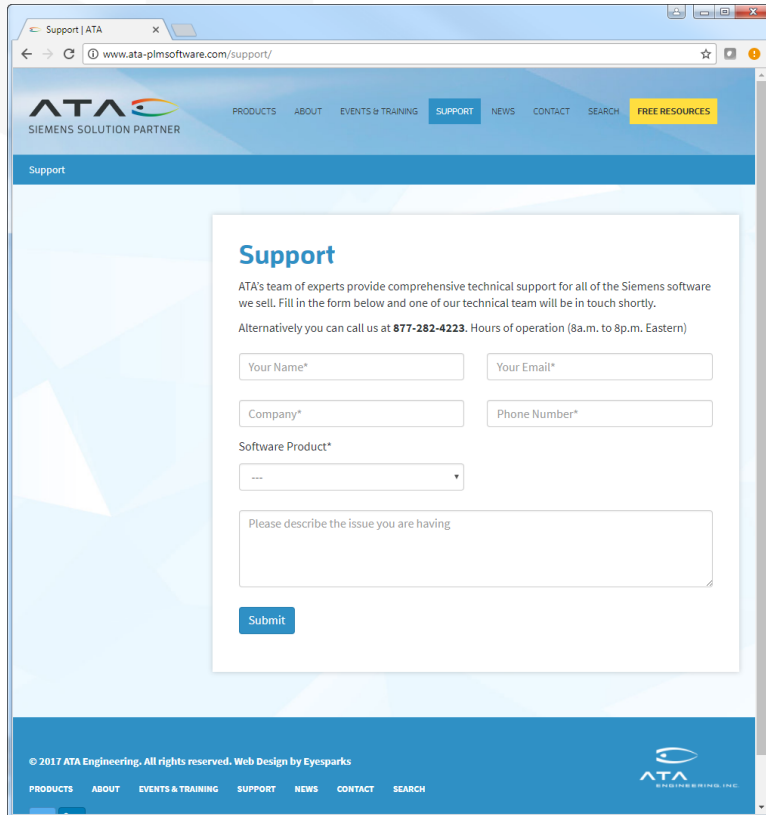➢ Contact the hotline at 877-ATA-4CAE or http://ata-plmsoftware.com/support

➢ Developer of the official NX Nastran training materials
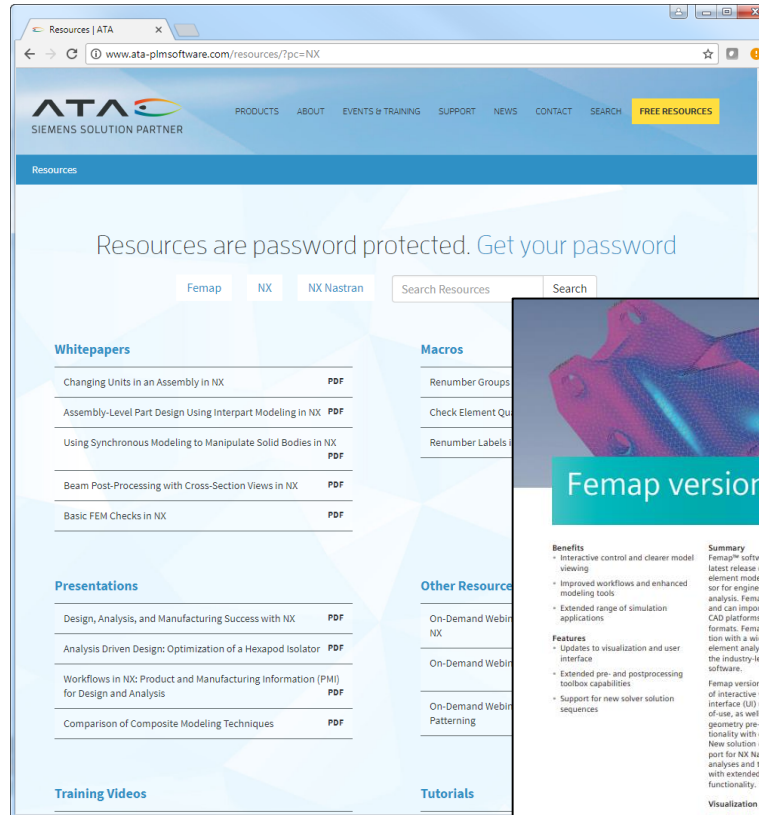
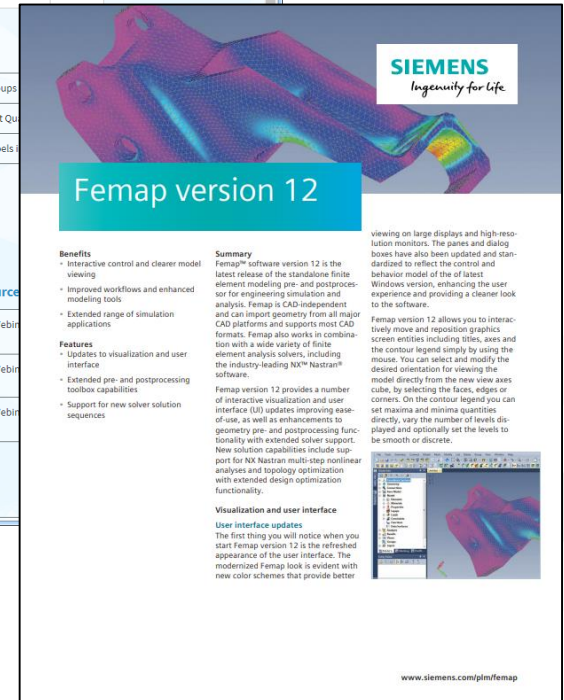➢ Preferred North American provider of NX Nastran training

Our Online Resources

www.ata-plmsoftware.com
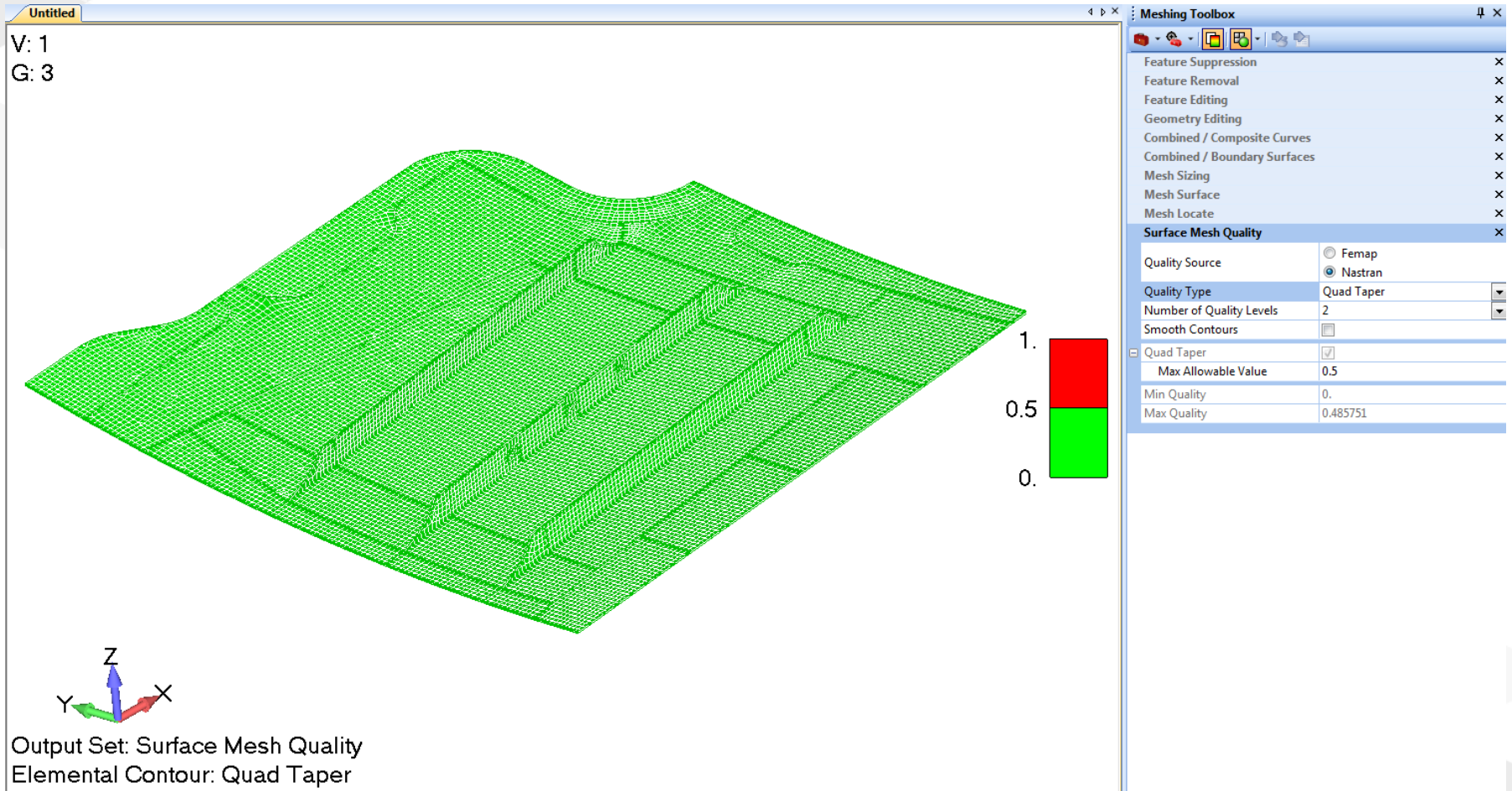
Demo Outline

➤ Femap Meshing Toolbox
  - ➤ Clean up 3D geometry
  - ➤ Edit hole features
  - ➤ Create surfaces from 3D geometry
  - ➤ Prepare surfaces for meshing
  - ➤ Mesh surfaces with 2D elements
  - ➤ Evaluate surface mesh quality
  - ➤ Fine tune the mesh
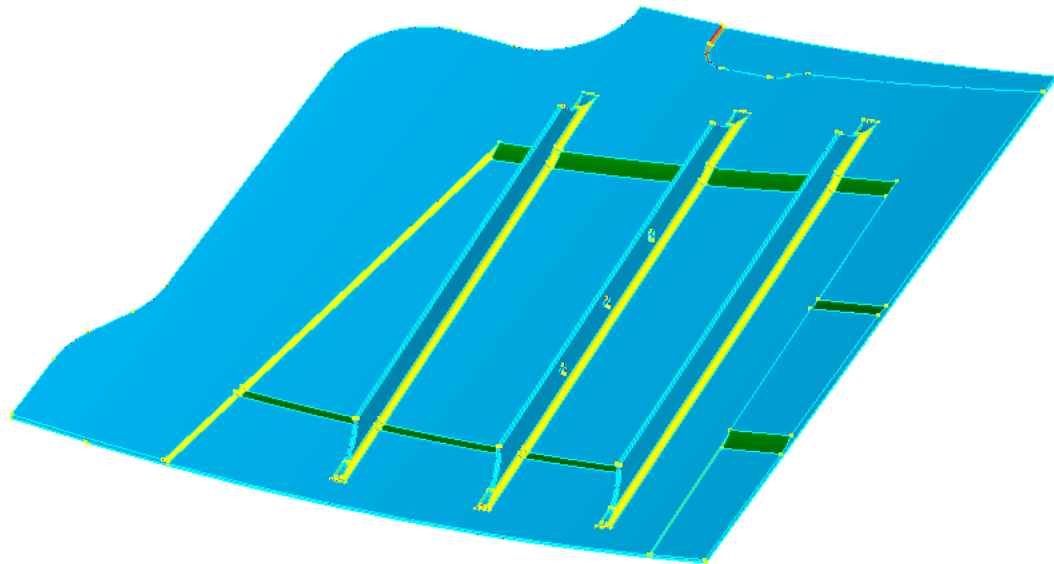
Demo: Femap Meshing Toolbox

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