Fatigue & Durability Analysis
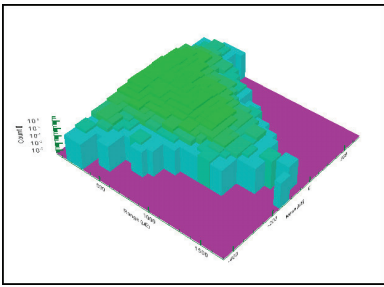
The measurement of fatigue often has a critical impact on safety

The Fatigue Analysis package provides a comprehensive set of programs for the fatigue test engineer.

The Prosig Fatigue & Durability System provides everything needed to successfully instrument a test piece and then capture data and analyze it.

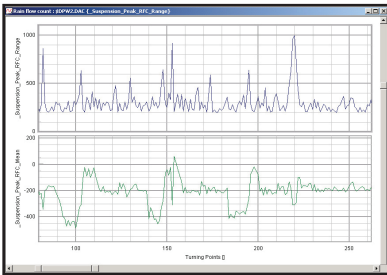**DATS worksheets and Scripts can be used to automate the testing and analysis process from data capture to report preparation.**

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In engineering, fatigue can be thought of as a material failure under a repeated or varying load. The measurement of fatigue is an important part of product design. In fact, in applications such as aircraft design it has a critical impact on safety.

The Prosig Fatigue & Durability software provides everything needed to successfully instrument a test piece and then capture data and analyze it.
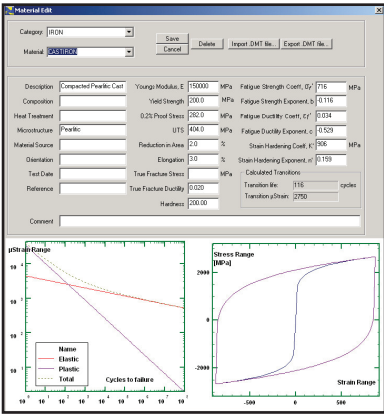
The software contains all of the facilities (data capture, reporting, visual scripting and so on) plus the specialist analyses required for fatigue analysis.

Find out more about Fatigue & Durability Analysis at
prosig.com/dats/optfat.html

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Fatigue & Durability Analysis
Features

- **Rainflow Counting**
- **Life Prediction**
- **Stress**
- **Weld Life**
- **Strain Life**
- **S-N Curves & E-N Curves**
- **Materials Database & Editor**

Contact Prosig

Prosig Ltd (UK)
Email: sales@prosig.com
Phone: +44 (0)1329 239925

Prosig USA Inc
Email: prosigusa@prosig.com
Phone: +1 248 443 2470