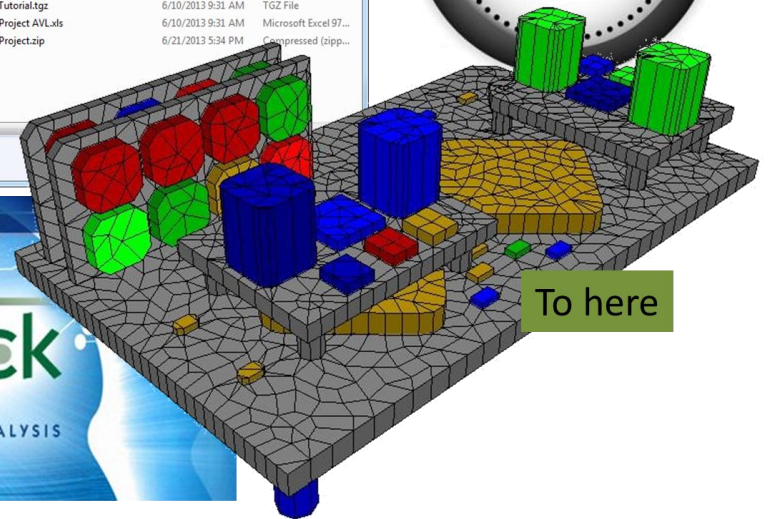
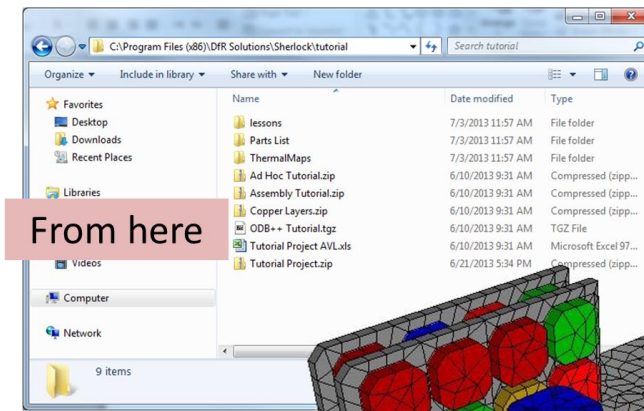
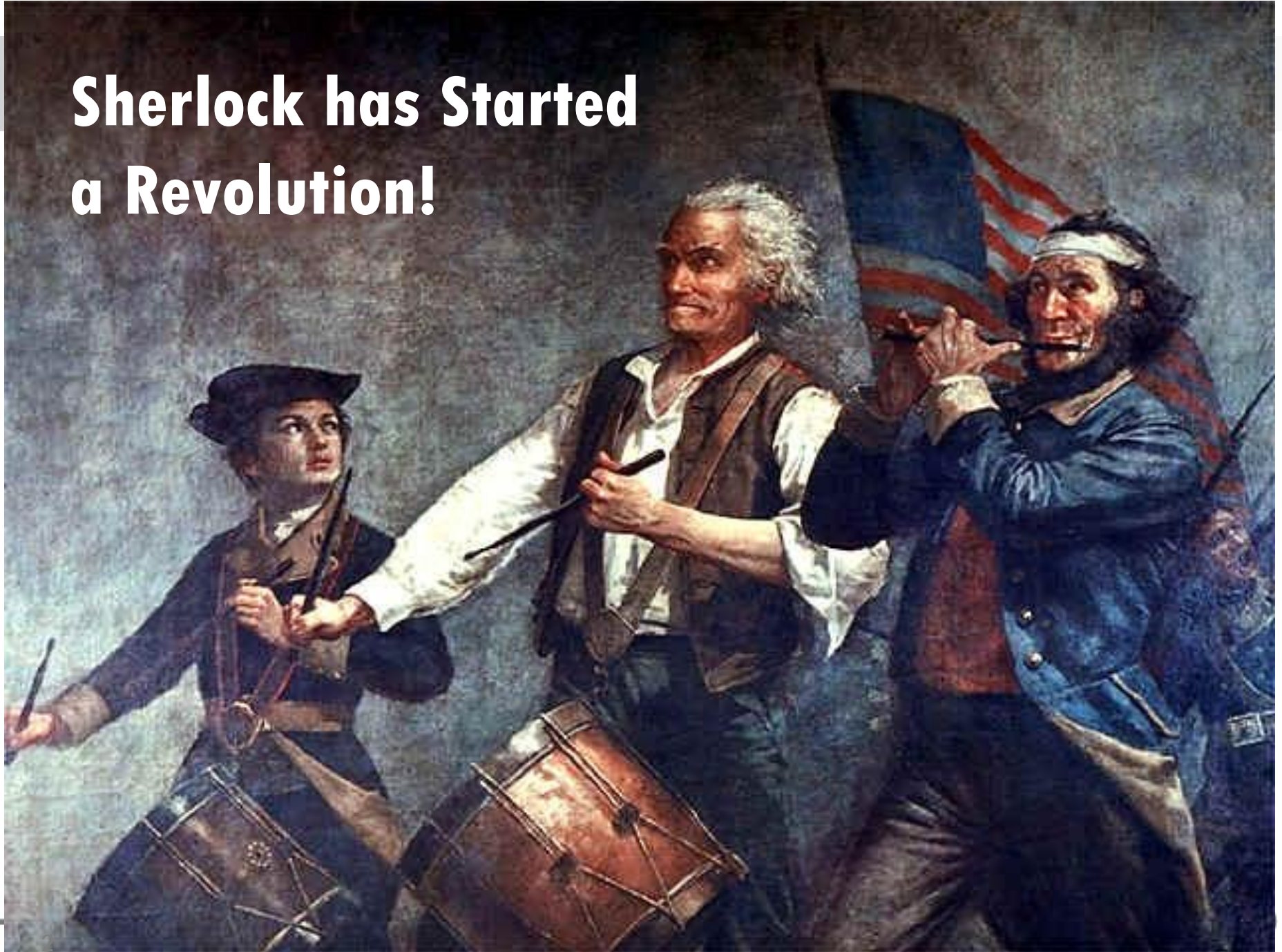


Sherlock Automated Design Analysis™



**Sherlock has Started
a Revolution!**



The Only True Bridge

ECAD

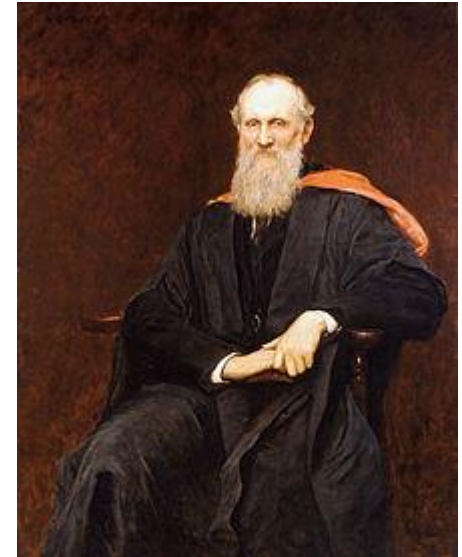


CAE

Sherlock

Motivation

“...when you can measure what you are speaking about, and express it in numbers, you know something about it; but when you cannot express it in numbers, your knowledge is of a meagre and unsatisfactory kind.”



How Do We Currently Perform CAE of Electronics?

Average User

- Small team, many designs
- Pick and Choose
- Very Simplified Models
- Rules of Thumb
- What Are You Missing?

Sophisticated User

- Large team, few designs
- Very complex models
- Do You Have the Time?
- Do You Have the Resources?

How Do We Currently Perform CAE of Electronics?

Average User

- Small team, many designs

Sherlock Value Proposition

- Acceleration of model development
- Opportunity to iterate
- Perform quantitative predictions

Sophisticated User

- Large team, few designs

Sherlock Value Proposition

- Truer representation of printed board
- Accurate capture of solder dimensions
- Automate predictions

Engineering Teams

- Limited or no access to CAE simulation and modeling

Sherlock Value Proposition

- Reduce number of design spins
- Eliminate environmental test failures

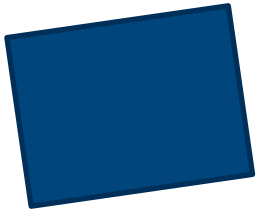
Manufacturing / Reliability Teams

Manufacturing

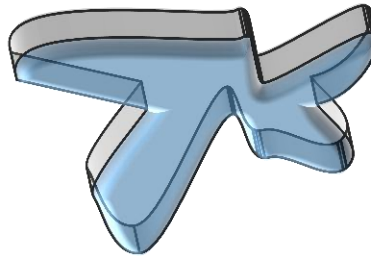
- CAE can improve DfM
- Predict excessive flexure during post-assembly manufacturing activities (ICT, compliant pin, heat sink attach, etc)
- Eliminate expensive and time consuming strain-gauge measurements

Reliability

- Perform more accurate predictions
- Pre-HALT
- Drive deeper engagement with other engineering teams



CONVENTION:
A WIDELY HELD BELIEF
**All parts must be tested
the same way, every time**



DISRUPTION:
RADICAL NEW IDEA TO
HELP REACH VISION
FASTER
**Simulation and modeling
replaces testing**



VISION:
THE FUTURE OF THE
ORGANIZATION
**Qualifying ground-
breaking technologies
seamlessly and safely**