

# Framework Resources Multiply Computing Power

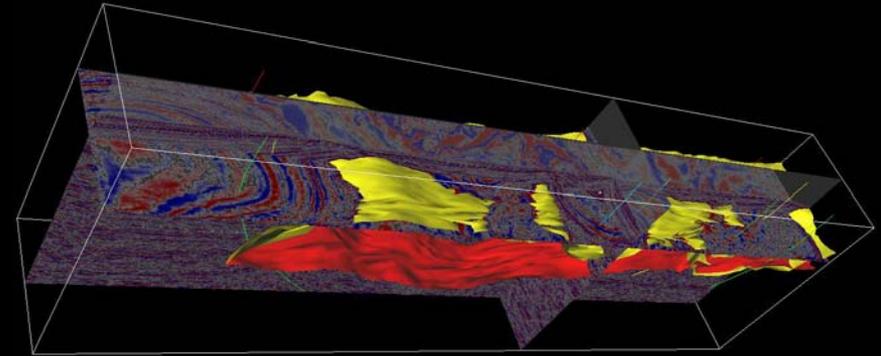


**Ames Research Center**

**FusionGeo Inc.  
The Woodlands, Texas**

## Originating Technology/NASA Contribution

- ◆ The NASA Advanced Supercomputing Division provides extremely fast supercomputing resources for NASA missions and other scientific endeavors
- ◆ NASA was an early proponent of grid computing, which enables the sharing of computing power across geographic locations



## Partnership

- ◆ Small Business Innovation Research (SBIR) funding enabled 3DGeo Development Inc. to create its grid-enabled Internet Seismic Processing (G-INSP) product
- ◆ G-INSP demonstrates a virtual computer environment that links geographically dispersed computer systems over the Internet to solve large computational problems

## Product Outcome

- ◆ Now called FusionGeo, the company offers its NASA-derived software commercially
- ◆ The technology is well suited for processing seismic imaging for oil and gas exploration
- ◆ It is also applicable to data-demanding tasks such as geothermal energy exploration and carbon dioxide sequestration monitoring