

2013 Annual General Meeting

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Chief Executive Officer
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acceleware®
PROCESSING SUPERPOWER

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Acceleware Customers

Exxon



nexen



أرامكو السعودية
Saudi Aramco



Apache



Paradigm



TOSHIBA



FOXCONN

PHILIPS



THALES



NOKIA
Connecting People

Boston Scientific

Lilly

Panasonic



KYOCERA



AMGEN

Acceleware
is focused
on Oil & Gas

Powering
Exploration
& Development
through Speed





We are the experts at accelerating upstream Oil & Gas computing by processing information faster with proprietary algorithms and specialized services operating in parallel, quickly and efficiently.

Acceleware Business Lines

Oil and Gas Subsurface
Imaging



Depth Imaging Software
CSEM Software

Electromagnetics



Simulation Software
RF Heating

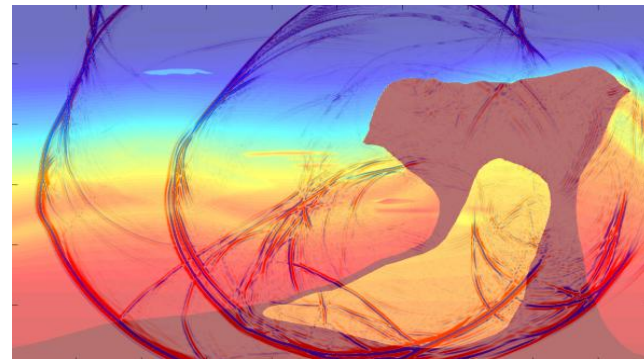
High Performance
Computing



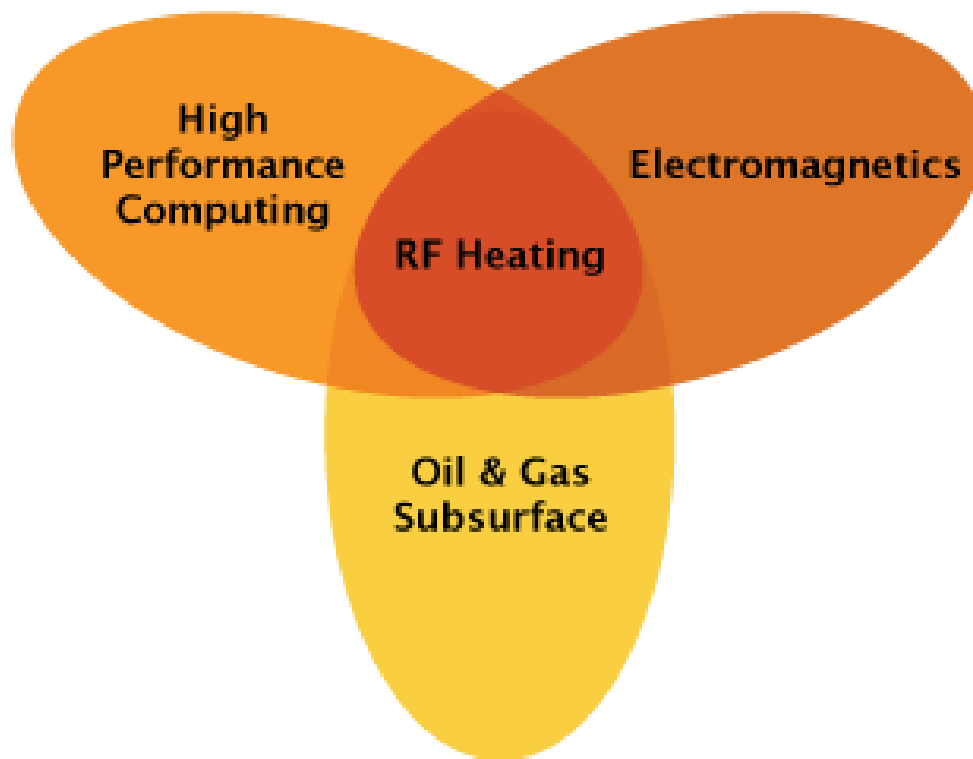
Consulting
Training

Seismic Imaging: AxRTM™

- High-performance RTM compute engine optimized for hybrid GPU/CPU compute clusters
- Finite-difference wavefield propagation accurately images the most complex geology



Acceleware's Unique Knowledge Base for RF Heating



What is RF Heating?

A promising concept that uses radio frequency energy to lower viscosity of heavy oil, oil sands, and carbonates in situ

1. Cost efficient

- Early calculations predict RF Heating uses 33% – 50% less energy than traditional steam
- No requirement to build expensive steam plant

2. Works where steam can't

- Extremely shallow, deep or thin reservoirs, no containment structure
- Cracked and fractured reservoirs where steam is irregularly dispersed – i.e. carbonates

3. Does not require additional water

4. Flexible operation

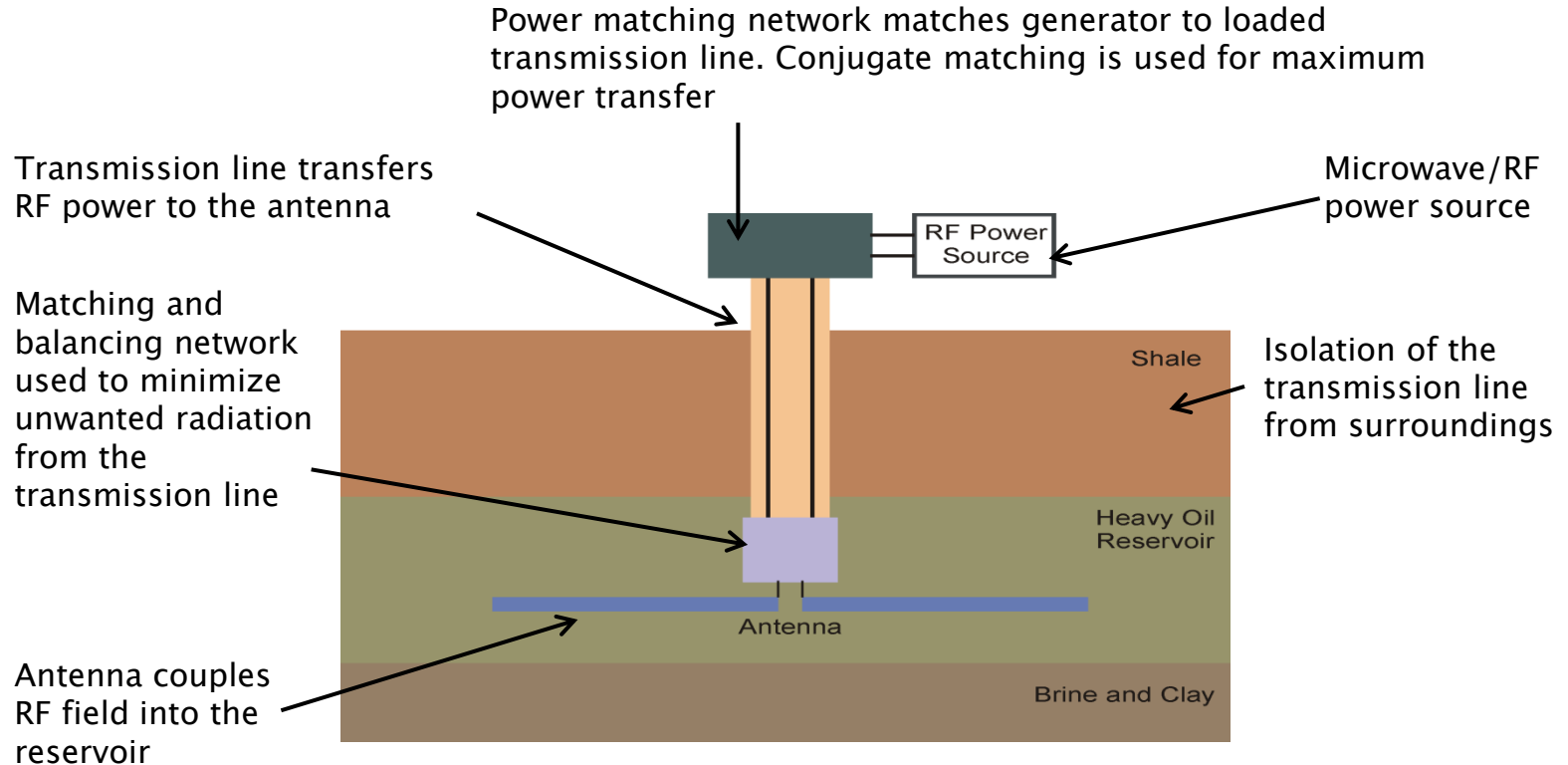
- RF generators very portable
- Power can be switched off anytime
- Cogeneration boosts efficiency of SAGD and RF



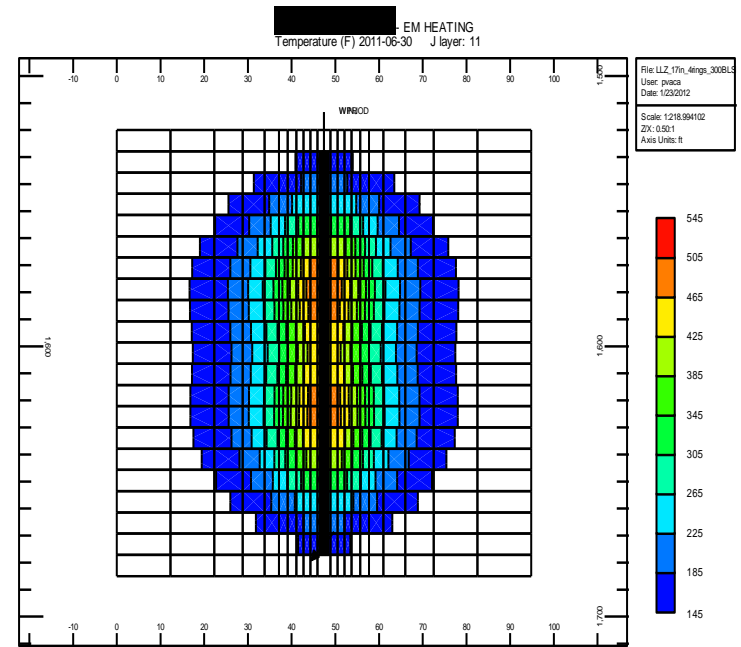
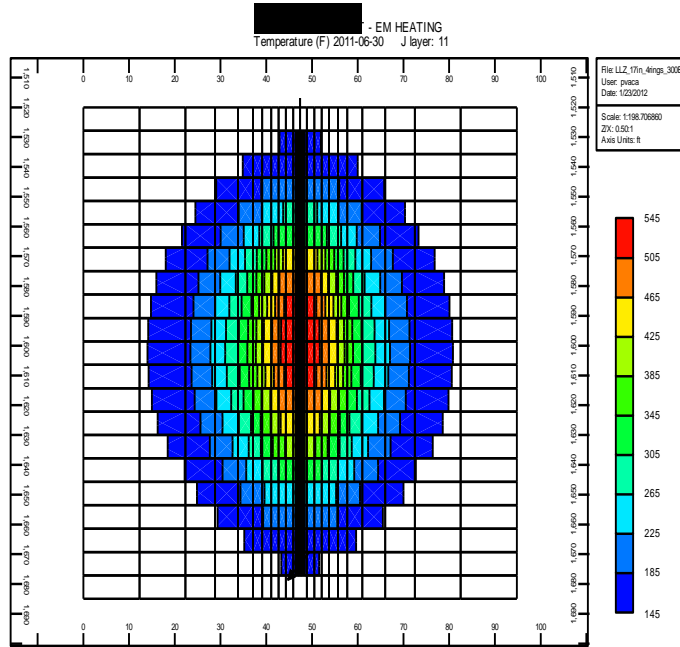
How did Acceleware arrive at RF Heating?

- Acceleware's unique skills attracted local companies to engage us as consulting engineers for existing projects
- Similar circumstances led a US energy company to engage Acceleware's antenna and reservoir expertise to design unique antennas for field testing
- These engagements have resulted in the development of a sophisticated software design environment to bridge the worlds of reservoirs and electromagnetics

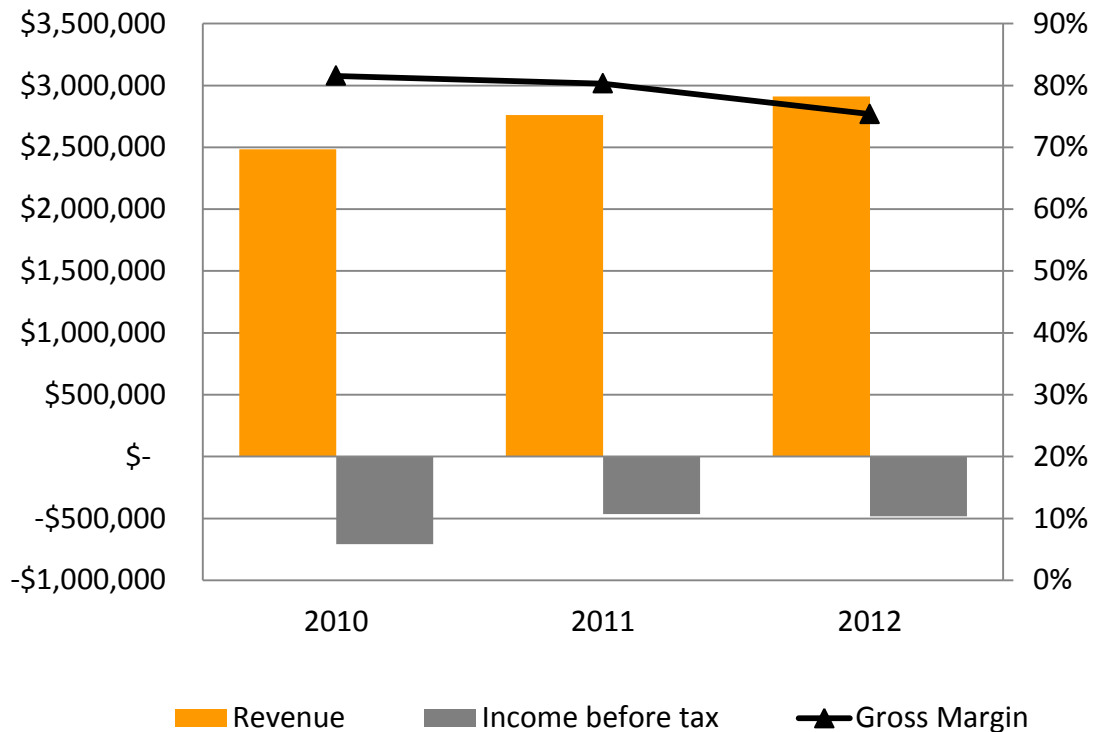
RF Antenna Heating System



RF Heating Simulation Example

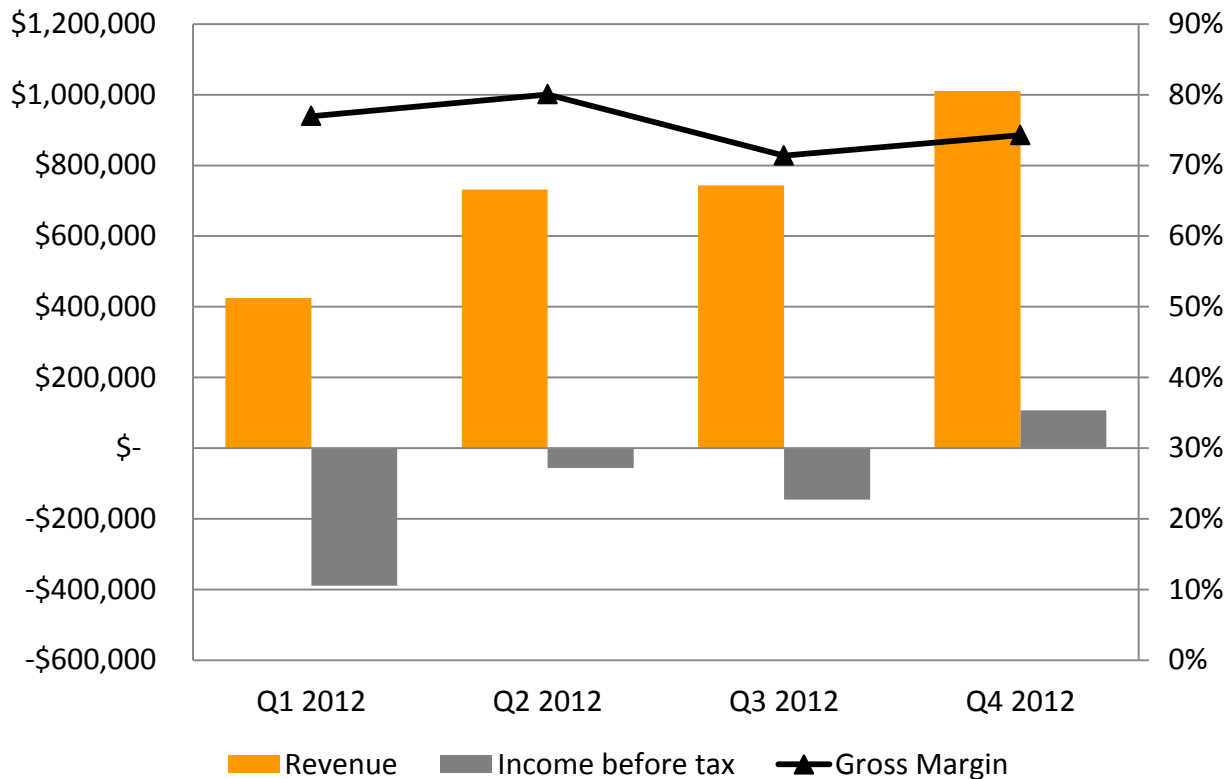


2012 Review



- Increased revenue by 5%
- Increased investment in marketing & sales

2012 Review by Quarter



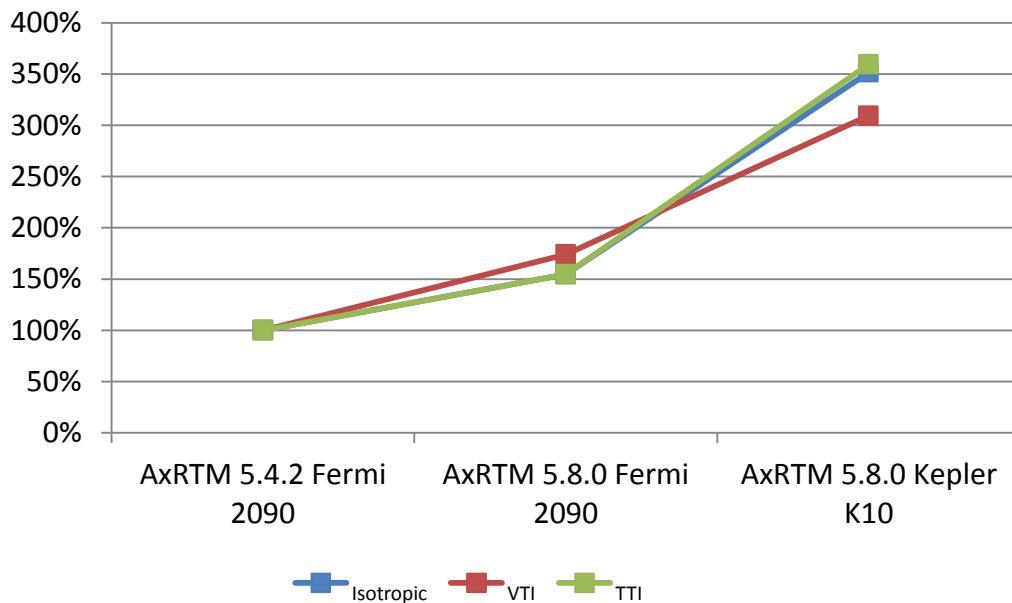
- Q4 recorded highest income before tax in history

Subsurface Imaging – 2012

- Signing DownUnder GeoSolutions as a distribution partner
- Begin work on follow-on products in suite – elastic forward modelling and full waveform inversion
- Developed major improvements to AxRTM for enhanced image quality and performance

AxRTM: Speed Improvements

- 300% speed increase from early 2012
 - GPU kernels + new GPU hardware



- Isotropic 350%
- VTI 310%
- TTI 360%

Subsurface Imaging – 2013 Outlook

- Continued development of channel partners and direct sales approach to reach growing market
- Continue work on follow-on products in suite – elastic forward modelling and full waveform inversion



Electromagnetics – 2012

- Working with two different projects to apply RF Heating to two distinctly different oil reservoirs
- Developed in-house tools to integrate the simulation of EM and reservoirs
- Developed sub-gridding for FDTD and began work on future developments of FDTD that will benefit traditional EM market and RF Heating

Electromagnetics – 2013 Outlook

- Investigate applicability of RF Heating to other reservoirs – new customers
- Continued development of simulation tools
- Complete work on future developments of FDTD that will benefit traditional EM market and RF Heating

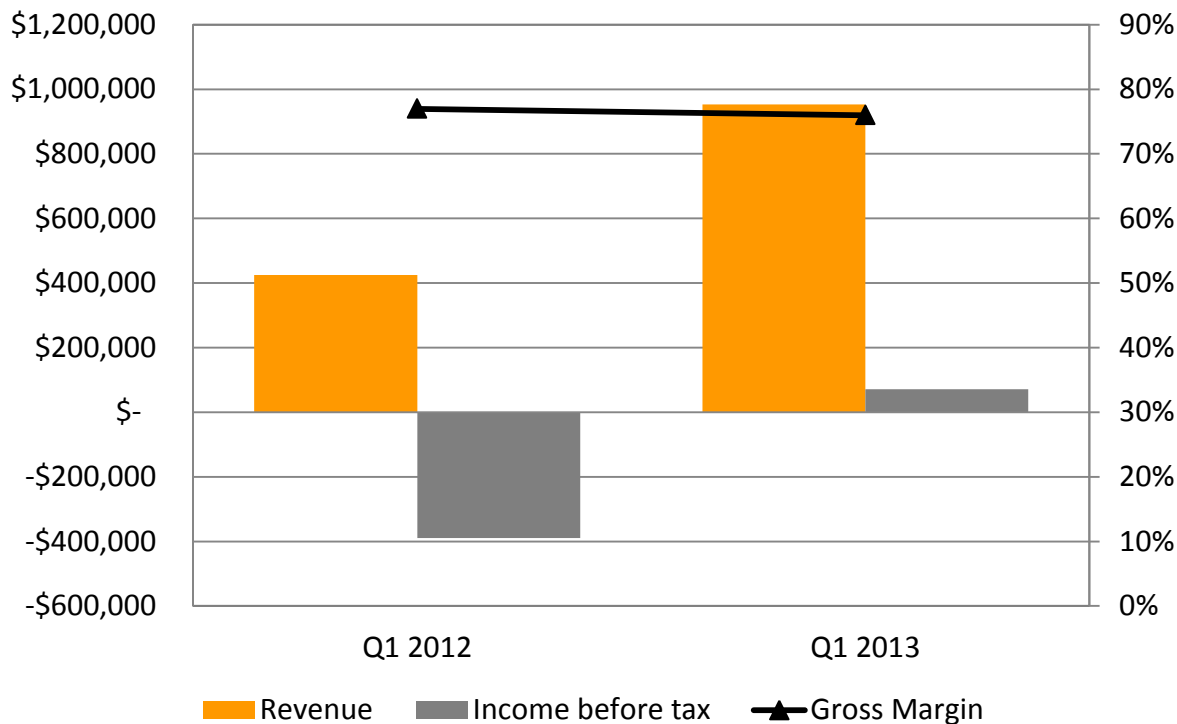
HPC Services – 2012

- Completed several large engagements for HPC development – particularly oil and gas
- Includes both new customers and repeat business
- Continued to be the premier provider of CUDA™ training globally

HPC Services – 2013 Outlook

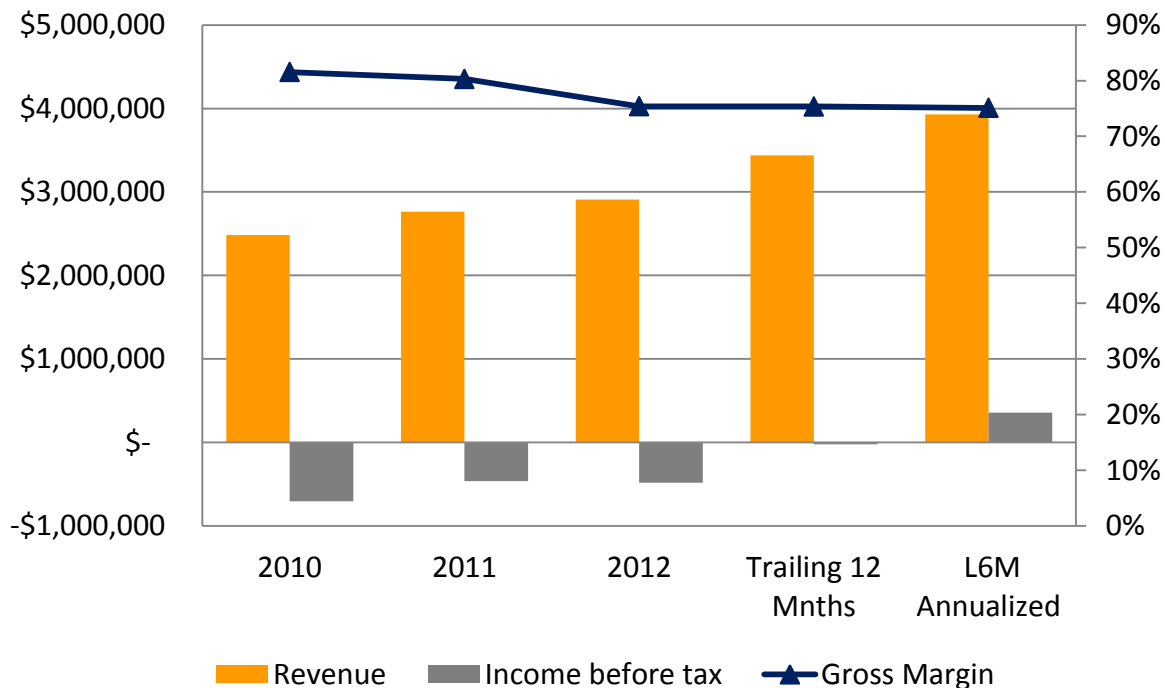
- Continue sales efforts to solidify position with existing customers and increase number of new customers
- Working with NVIDIA to promote CUDA training and Intel to promote Xeon Phi™ training globally

Q1 2013 Earnings Announcement



- Q1 Revenue of \$953,000 – increased 124%
- Positive income of \$71,000
- Second consecutive Quarter of year over year revenue growth
- Second consecutive quarter of positive income

Recent Financial Performance



- Trailing twelve months revenue run rate of \$3.5 million, essentially break even
- Performance of last 6 months is particularly encouraging
- For illustration only – not indicative of expected performance