



**FREE
Project
Assessment**

Time is Money.
We Make HPC Run Fast - *Really Fast*
PROFESSIONAL SERVICES

"I am impressed with the value that Acceleware delivered. The improved code efficiency has allowed us to complete modeling projects significantly faster than was previously possible. Modeling considerably larger and more complex earth models is also now tractable"

Lucy MacGregor, Rock Solid Images



If your business relies on compute intensive applications to make key decisions then waiting for accurate answers can be extremely costly. Acceleware can help you obtain the results you need as quickly and cost effectively as possible.

Since 2004, Acceleware has worked with companies around the world to accelerate real world production codes to get better information faster. Using advanced programming techniques, that leverage the power of today's parallel hardware, Acceleware's professional service team specializes in developing and optimizing applications for maximum performance.

How We Can Help

Acceleration assessment - For clients new to high performance computing this assessment will provide hardware and software recommendations and an estimate of how fast an application will go.

Software development, porting & optimization - We are experts in porting and optimizing existing software for parallel platforms. The team can port the entire application or specific features and can optimize an existing application written for multi-threaded hardware.

Code commercialization - Acceleware has worked with many R&D departments to convert research algorithms into production quality code. The team is experienced in taking legacy code or multi-language applications and rewriting them to professional software standards.

Programmer training - Our courses are taught by experienced programmers who teach the secrets of writing high performance applications for parallel platforms.

Mentoring - Need a little extra help? Acceleware offers an on-demand mentoring service designed to help build the clients internal high performance computing skill set.

Your Partner for Achieving Higher Performance

Acceleware's professional staff is comprised of high performance computing software developers, engineers and scientists can help you to maximize the performance offered by today's computing technologies, translating to an increase in your bottom line.

Project Portfolio

The Acceleware services team has completed projects for clients in a range of industries, including:

- Oil and Gas
- Computer Aided Engineering
- Finance
- Medical and Life Sciences
- Security and Defense

Core Competencies

- GPU software design and optimization
- Hardware and software recommendations
- Migration of applications to heterogeneous platforms
- Multi-core CPUs, cache-optimizations and vectorization
- Clustering and MPI
- Algorithm parallelization and code optimization
- Advanced parallel programming training
- Development of parallel HPC software