

A hand is shown from the bottom left, reaching upwards towards the sky. The background is a clear blue sky with scattered white clouds. The hand is positioned as if reaching for something high up, symbolizing aspiration or growth.

NIMBIX

Accelerated Compute Cloud

NIMBIX

About Nimbix

- Founded in 2010
- HQ and Data Centers in Dallas, TX Area
- HPC Cloud Platform built for High Performance Computing:
 - Energy
 - Media and Entertainment
 - Life Sciences/Bioinformatics
 - Computer Aided Engineering (CAE)
 - Big Data/Analytics



Built to Solve Emerging Problems

“The problem is about **Data Processing** and addressing constraints around computing scale and availability”



Insatiable demand for computing time



More machines needed for a given problem (ie Big Data)



More companies with big data, big compute problems

HPC Solution Options

Example Workloads

Build



- Increased complexity for big data/computation
- Requires High Performance Computing know-how
- Capex Constraints

Life Sciences

- Bioinformatics
- Next Gen Sequence Analysis

Media & Entertainment

- Video Transcoding
- Rendering

Manufacturing

- Computer Aided Engineering
- Fluid Dynamics
- Simulation

Analytics

- Hadoop
- Predictive Algorithms
- Data mining

Oil & Gas

- Seismic Processing
- Reservoir Simulation

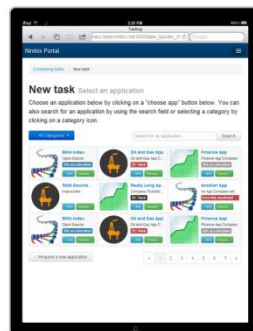
Run as a Service



- Current cloud virtualization inefficient for HPC and batch processing
- Need bare metal machines
- Current clouds difficult to deploy batch workloads

Nimbix Accelerated Compute Cloud (NACC)

- **Patented** Reconfigurable Cloud Computing
- Bare-metal Performance
- Heterogeneous Accelerators
- Pay-per-use service delivery



User submits large Processing Task via web application from any device

WORKLOADS
Bioinformatics, Transcoding, Simulations,
Rendering

Nimbix Cloud Platform

Intel®
Xeon
Phi™

FPGA

GPGPU

DSP

CPU

NIMBIX

Supercomputing Made Super Human™



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