

ANALYSIS

INDUSTRY OVERVIEW 6

Overview of companies profiled

INDUSTRY SUPPORT 78

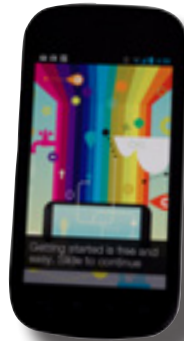
Business & research support, associations

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Where to go for hardware design & manufacturing

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Alberta companies created and sold



CONSUMER ELECTRONICS & APPS COMPANIES

MUSIC

- bubtobud** (music sharing) 15
- Dillinger Labs** (wireless portable speakers) 15
- Eleven Engineering** (SKAA wireless audio) 16
- HSTi** (wireless media sharing) 16
- iConnectivity** (music networking) 17
- PK Sound** (concert sound systems) 17
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- 4iiii Innovations** (heads-up sports data) 18
- POSH View** (multi-touch screens) 19
- Preciseley** (augmented reality component) 19
- Scope Technologies** (AR programming) 20

VIDEO GAMES

- Fluik Entertainment** (casual games) 25
- Games Cafe** (social/mobile games) 25
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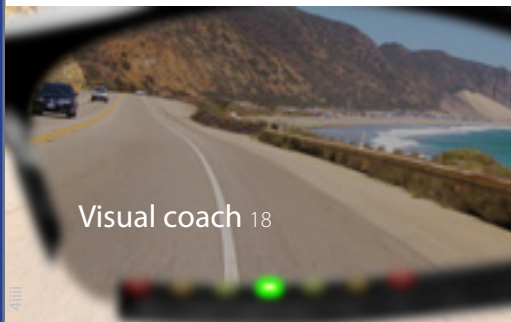
Related companies: *3D Interactive* 69, *3DInternet* 57, *C4i Consultants* 66, *Christie* 42, *Culture Connectivity* 42, *Pyxwise* 23, *ShirWin* 43, *Transformana* 24, *Xpan* 44

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- Peregrine/Iron Will** (keyboard glove) 23
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- CDL Systems** (unmanned vehicle control) 59
- FLYHT Aeromechanical** (aircraft data) 60
- Intelligent Imaging/Drivewyze** (road safety) 60
- Mechatroniq** (security robotics) 61
- Optessa** (scheduling for manufacturers) 61
- Titan Logix** (truck liquid levels) 62

Related companies: *3D interactive* 71, *Willowglen* 75, *Xpan* 44, *XSENSOR* 32

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- IntelliView** (critical event detection) 67

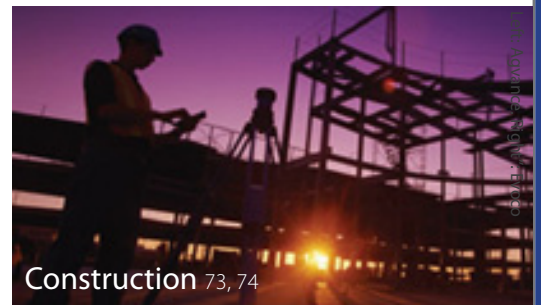
Related companies: *Willowglen* 75, *DraxWare* 72, *CDL Systems* 59, *Mechatroniq* 61



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- Alta Industrial Automation** (data modem) 68
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Related companies: *4iiii* 18, *AgVance* 62, *ASAT* 66, *Blackline GPS* 46, *BOREAL* 63, *Cleankeys* 33, *Dillinger Labs* 15, *dTech* 76, *Eleven Engineering* 16, *FLYHT* 60, *Hemisphere GPS* 63, *HSTI* 16, *InfoChip* 73, *OPIsystems* 64, *Orpyx* 30, *Mechatroniq* 33, 61, *Scanimetrics* 74, *Synodon* 65, *Titan Logix* 62, *Willowglen* 75, *Wireless Dynamics* 24, *VitalSignal* 34, *Zedi* 75



ENERGY & CONSTRUCTION

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- Evoco** (retail project construction) 73
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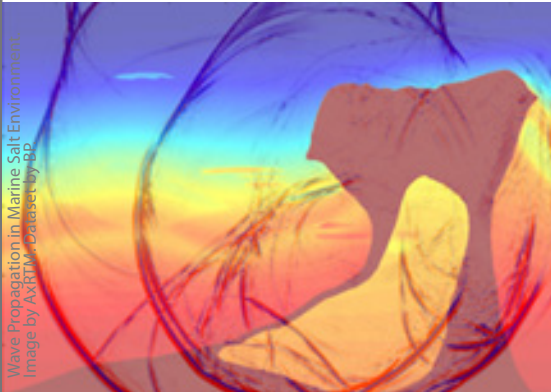
Related companies: *Titan Logix* 62, *Synodon* 65

Acceleware

High performance computing for advanced software used to discover hard-to-find oil

It used to be that GPU cards (Graphics Processing Unit) were mainly used in high end gaming computers to drive high quality graphic displays. Realizing the GPUs highly parallel architecture could process data significantly

faster than the average CPU, Acceleware pioneered applying GPUs to business applications and has now become a market leader in this space. One application requiring this intense computing power is seismic exploration in the oil and gas industry. Not too long ago, finding oil underground was simpler—but today the easy oil is gone and future oil reserves are buried deep beneath the surface in complex geological structures. Acceleware offers a sophisticated approach that can meet this challenge. Using GPUs and its software library to power advanced algorithms that were previously too computer-intensive, Acceleware helps oil companies process seismic data into high definition maps of the subsurface geology of potential oil fields. Acceleware's 2011 revenue was \$2.76 million.



Wave Propagation in Marine Salt Environment
Image by AXBTM, created by BP

COMPANY: Acceleware Ltd., www.acceleware.com, 25 employees, founded 2004, Market Leader, 95% exports worldwide, publicly traded on TSX-V:AXE, 435 - 10th Avenue SE, Calgary, Alberta T2G 0W3, 403.249.9099

PRODUCTS: High performance software for complex algorithms

GROWTH STRATEGIES: Seek more clients worldwide

CONTACT: Robert Miller, Chief Marketing & Sales Officer, robert.miller@acceleware.com, 403.249.9099

DRAXware

New possibilities in cost and productivity management for large construction companies

Traditionally, the construction industry accepted that capturing field data—labour, equipment and materials—was a slow and manual, inefficient process. But recent technology advancements have automated field data collection, and this can eliminate paperwork bottlenecks and create simple new efficiencies. DRAXware's software for the construction industry is designed from the business perspective to deliver process and cost data based on updated field data and to enable and enhance faster and more accurate decision-making. DRAXware allows its clients to have the software configured to their specific business processes without the need for additional source code changes, which translates to very fast return on investment. There are modules for managing subcontractors, quality

control, document management and payroll that are all interoperable so companies can access their information through a single user experience. DRAXware also incorporates leading edge technology developed by Dr. Jianfei Xu, of the Civil and Environmental Engineering faculty at the **University of Alberta**.

COMPANY: DRAXware Solutions Inc. (DXi), www.draxwaresolutions.com, 22 employees, founded 2007, High Growth Stage, 20% exports primarily to US, revenue/grant funded, Suite 4-122, 10230 Jasper Avenue, Edmonton, Alberta 4P6, 780.487.9668

PRODUCT: Large scale project cost and productivity management

GROWTH STRATEGIES: Seek more clients, resellers and partners in construction industry

CONTACT: Scott Cuthbert, President & Co-Founder, scuthbert@draxware.com, 780.221.6737

