



Global perspective. Independent thinking.



About APS Technology
www.aps-tech.com



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APS's Services

Engineering Solutions for Harsh Environments

Drilling Test Facility •

- Customer training
- Design qualification testing & continuous improvement

Design Engineering Services

- Conceptual & feasibility studies
- Product development
- Product improvement & optimization
- Project management Test equipment & facilities

Analysis Services

- Finite element analysis: static, vibration, magnetic, & thermal
- Kinematic analysis

Manufacturing Services

- Complete in-house CNC machine shop
- Turnkey design & production
- Component & system-level production
- Contract electromechanical & electronic assembly

Support Services

- Quality inspection & testing

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Company Profile

APS Technology delivers field performance and design confidence worldwide for all your oilfield and harsh environment needs. From the minds of our highly experienced engineers, technicians, toolmakers and machinists come the world's most reliable and advanced electromechanical, instrumentation and sensor designs for the oilfield and other harsh environments.



APS's Headquarters in Wallingford, Connecticut

Make APS Technology your trusted source for products and designs purpose-built to operate under high shock, vibration, temperature, pressure, fluid flow and harmful gas conditions.

APS's Products



MWD/LWD Sensors, Telemetry & Surface Systems

- SureShot™ MWD System
 - SureShot MWD Gamma Sensor
 - SureShot Wave Propagation Resistivity Sub (WPR™)
 - SureShot Pressure While Drilling (PWD) Sensor
 - SureShot Vibration Memory Module (VMM™)
 - SureShot Surface Systems & Components
 - SureShot Control Center (SSCC™) Software
- APSPlot™ Log Plotting Software
- Rotary Pulser
- Turbine Alternator
- LogXD Geosteering Software



Drilling & Optimization

- Rotary Steerable Motor (RSM®)
- Drilling Dynamics Monitor (DDM™)



Vibration Prediction, Measurement & Control

- Active Vibration Damper (AVD™)
- Vibration Memory Sub (VMS™)
- MWD Vibration Isolators
- WellDrill™ Analytical Software for Downhole Drilling Equipment



Answer Products

- Geosteering Service
- SureDrill™ Service
- FE Log Analysis Service



Other Products

- ToolJoint™ Rotary Connection Sizing & Analysis Software
- VacOil™ Hydraulic Oil De-airing & Filling System
- Non-metallic Modular Test Ovens
- PetroMax™ Downhole Fluid Monitoring Sensor
- Sub Handling Cart
- Performance Metallic Seals
- Custom Thermoelectric Cooling Systems



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“The addition of APS MWD system kits to our fleet allowed Integrated Directional Resources (IDR), an established independent directional drilling company, to become self-sufficient in MWD, removing our previous dependency on third-party MWD service companies. The downhole system is robust and easy to make up at the wellsite, and the surface system is intuitive and easy to operate. These features allowed us to use cross-trained Directional Drilling/MWD personnel to perform both functions, resulting in considerable savings for both our company (IDR) and the client oil company. The overall system reliability was also beneficial in that we were able to run with a “lean” fleet, covering 4 jobs with basically 9 MWD strings, thus saving significant capital expense. All in all, the MWD profitability resulting from use of the APS systems contributed to making IDR an attractive acquisition.”

David Lee, V.P. Operations, Integrated Directional Resources, Inc.
– APS MWD customer since 2006

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Customer List

Our customer roster includes:

Multi-national

Baker Hughes
BICO Drilling Tools
Chevron Energy Technology
GE Energy / Tensor
Gyrodatta
Halliburton
NOV / Reed Hycalog
Reliance Energy
Smith International / Pathfinder
Weatherford

China

China National Petroleum Corporation / CPL
COSL
Shengli Drilling Research Technology Institute (SDRI)
Urumqi Gulf Victory Petroleum Technology

Russia

Catobneft
Interlog / CJSC
R&B Industrial Supply / Geo Trend
TehGeoBur
TPG

North America

Cathedral Energy Services
Crescent Directional Drilling
Cudd Drilling and Measurement
Directional Drilling Company
Excel Directional Technologies
LEAM Drilling Systems
Nevis Energy Services
Phoenix Technology Services

Central / South America

Integradora de Perforaciones y Servicios
INVAP Ingeniera SA
Optidrill
Petrobras
San Antonio International
Zapata Energy

Middle East / North Africa

Cougar Drilling Solutions
Geotrak
Midwest
OilSERV
Reliance Petroleum Services
Triple L

Asia Pacific

Coretrack
Eastern Drilling Services
Jindal Drilling Industries
Swick Dynamics



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"Once again the APS Pulsar performed flawlessly in difficult conditions. Drilling both the curve and horizontal sections in the Marcellus Shale, the tool worked with absolutely no problems throughout several bit runs. Although the solids counts were very high throughout the length of the drilling program, the pulsar just kept going strong. With over 410 hours of uninterrupted drilling time, our clients, as well as ourselves, were more than pleased."

Pete Aldrich
Lead Technician
Black Viper Energy Services LP

"The mud weight ranged from 13.6 to 16 ppg water base mud, it was 65-70 viscosity, and as high as 32% solids. We replaced a competitor that was running [a well-known, competing MWD system] and they had 5 failures at least. We ran in the hole and completed more than half of the lateral in 188 hours total time on the MWD and mud motor."

Randall Taylor
President
Black Viper Energy Services LP

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Specifications subject to change without notice.

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Company History

History

APS Technology, Inc. was founded in 1993 by William E. Turner to provide contract engineering services to markets operating in harsh environments. Over time, APS brought in many people who have spent much of their careers in the MWD / LWD industry; particularly former employees of Teleco Oilfield Services, the first commercial MWD company.

APS Technology has since grown into a leading provider of off-the-shelf and custom MWD / LWD, drilling performance and vibration management products for oil and gas drilling. Our customers now include all of the major integrated multinational oilfield service companies, independent directional drilling companies, MWD service companies and oilfield companies engaged in non-drilling related services.

We have been cited by Deloitte as a national *Technology Fast 500*[™] growing technology company seven times. Our company has additionally been acknowledged as a recipient of the Connecticut *Tech Top 40* (or its predecessor, the Deloitte *Fast 50*) for 11 consecutive years dating back to 2003. With corporate headquarters in Wallingford, CT and offices in Houston, TX, APS Technology has established a diverse international portfolio of clients that includes several Fortune 500 companies.

Deloitte.

Technology Fast 500[™]

2013, 2012, 2011, 2010, 2009, 2006, 2005



Confidentiality Policy

APS Technology recognizes that one of the main concerns of our clients is the protection of company secrets, proprietary processes and financial information. Our company has voluntarily adopted the professional ethical requirement to protect and keep confidential all information received from our clients. More than simply protecting trade secrets, this means that we will not divulge any information about any project with your company to anyone else, without your permission. We vow to hold confidential all proprietary information or trade secrets in trust and confidence and agree that they shall be used only for the contemplated purposes, shall not be used for any other purpose, or disclosed to any third party. APS Technology requires all its vendors to sign a secrecy agreement, which obligates them to hold all shared information in the strictest confidence.

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