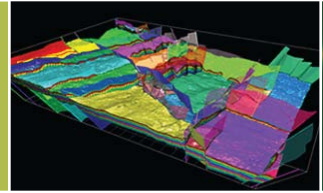
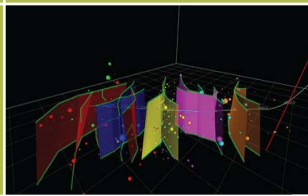


## Leading the Industry in Innovative Development Solutions and Software Applications from Seismic to Simulation

BUY OUR SOLUTIONS OR CREATE YOUR OWN WITH A FULL SOURCE LICENSE TO OUR SOFTWARE



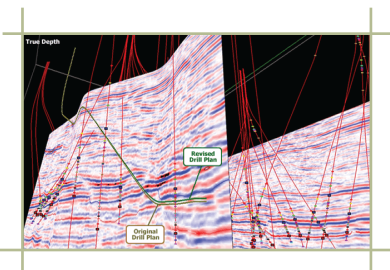
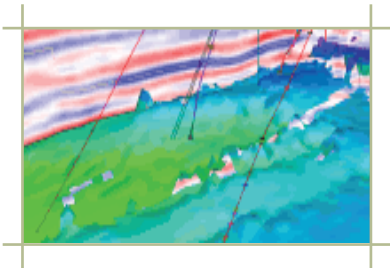
**S2S Systems, LLC**  
faster | integrated | effective

We deliver unique and creative solutions that will lead to tangible economic benefits in your organization.

[www.s2sos.com](http://www.s2sos.com)

We have invested more than 25 man-years into uniquely integrated products and development environment so our clients can focus on their key technologies and workflows.

Dr. Tom Lasseter



## Full Source License

### OUR MISSION

S2S Systems mission is to provide a marketplace for technology where service and energy companies, research centers, and academic institutions can contribute and access the industry's best technologies. Where S2S Systems meets all database, user interface, graphic and licensing requirements while development partners focus on the commercialization of their unique technologies. Where end-users can access all technology, organize it into custom workflows and only pay for the functionality they use when they use it. Where technical developments are accelerated and openly marketed against competitive capabilities to the benefit of the end-user community.

### OUR HISTORY

S2S Systems was founded in 2000 with the purpose of developing a unique and powerful modeling system and development architecture that would provide the integration required to handle seismic-to-simulation workflows as well as anticipate future real-time reservoir monitoring requirements. After intense investment from the founders, the architecture was completed in early 2004 and work was begun on application capabilities that demonstrated the power of this unique development system. Over the next 5 years S2S Systems and our development partners have built powerful applications from pre-stack velocity modeling, real-time drill targeting, and integrated reservoir model construction that

demonstrate the power and opportunity afforded to all S2S Systems clients and development partners.

### OUR TECHNOLOGY

S2S Systems provides development partners with the ability to rapidly insert their technologies into the S2S framework utilizing S2S's unique plug-in architecture. New plug-ins are simple extensions of existing plug-in objects and directly benefit from a consistent database and data model, common visualization, and uniform user-interface. Since ALL plug-ins share a common data model, they are guaranteed to work collaboratively and seamlessly with all other plug-ins and within any workflow. The development process is further accelerated with full source access to not only the base architecture, but most S2S developed plug-ins as well. This uniquely open development environment allows rapid application development through code cloning and modification. Proprietary technology is protected because source code access is limited to S2S developed plug-ins and is tightly controlled. All plug-ins may be distributed internally or commercially by utilizing built-in marketing, deployment and licensing mechanisms. The bottom line is that S2S Systems development partners spend their limited software development budgets on technology and not infrastructure, while benefiting from inclusion in complete seismic-to-simulation workflows.

Cost-effective and secure access to commercial and proprietary technology is the key to a successful organization.

[www.s2ssystems.com](http://www.s2ssystems.com)

# Applications

S2S Systems and our development partners have successfully developed a number of powerful applications utilizing the S2S Systems Development Environment. These applications demonstrate the effectiveness of the S2S Systems database, modeling and visualization systems and plug-in architecture. All applications, including the few highlighted below, are available for licensing directly from the S2S Systems website ([www.s2ssystems.com](http://www.s2ssystems.com))

## PRESTACK VELOCITY MODELING

S2S Systems prestack velocity modeling solution is a collaborative development with a number of development partners and represents a step increase in velocity modeling efficiency with full 3D modeling designed to increase picking efficiency and throughput while ensuring limited processing resources are focused on areas with complex velocity issues. S2S Systems pre-stack velocity modeling will provide better processing results while reducing processing time.

## HYDRAULIC FRACTURE ANALYSIS

S2S Systems hydraulic fracture analysis solution is used to analyze and interpret borehole and surface monitored fracture treatments in the context of naturally fractured reservoir models. These models can then be history matched in 3rd party simulators for drainage pattern mapping, resulting in more effective field management decisions and better exploitation of oil & gas resources.

## DYNAMIC DRILL TARGETING

S2S Systems dynamic drill targeting solution rapidly integrates new geologic information into the positioning of any remaining drill targets and automatically refines the borehole plan to reach these targets. The uncertainty of the targets is reduced and therefore the complexity and cost of the borehole is also reduced. When integrated with a 3rd party geosteering application, S2S Systems dynamic drill targeting provides the industry's only complete targeting solution.

## INTEGRATED RESERVOIR MODELING

S2S Systems integrated reservoir modeling merges interpretation and reservoir modeling requirements into a complete workflow allowing rapid iteration as new data is acquired at the end of the drill bit. A complete geo-spatially and temporal correct model leads to more effective field management decisions.

## THIRD PARTY APPLICATIONS

S2S Systems development partners have contributed velocity modeling capabilities to seismic attribute analysis and prospecting tools. Development time was a fraction of equivalent ground-up development and resulted in a more complete and integrated product. Maximize the effectiveness of your development staff with S2S Systems.

## INTEGRATED DATABASE

As demonstrated by our application offerings, the S2S Systems database is capable of handling pre-stack seismic gather data through complete geo-cellular models and is the key to every integrated and potentially real-time software product.

## CONSISTENT MODEL

A single and consistent modeling architecture is required to allow the integration of geophysical, geological and engineering data

## PLUGIN ARCHITECTURE

Whether developed for commercial distribution or internal use, the S2S Systems plug-in architecture allows any technology to be seamlessly integrated into a multi-vendor, seismic-to-simulation workflow.

## GRAPHICS & UI

Virtually every solution has graphics and user interfaces. Why develop more of the same instead of focusing on your key technologies? Shorten development time by utilizing the 2D, 3D and 4D visualization and user interface capabilities provided by S2S Systems.

## ONLINE LICENSING

Lease or sell your software with S2S Systems online license management system. S2S Systems internal and commercial licensing capabilities are well suited to address every market opportunity and provide valuable sales intelligence.

## AUTOMATED DEPLOYMENT

Automatically update all your users at once, or inform your users a new release is available and let them decide when to upgrade. S2S Systems automated deployment system is a key to internal and commercial software distribution with minimal effort.





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## S2S SYSTEMS LICENSING OPPORTUNITIES

The Oil & Gas Industry has a rich history of technical innovation. S2S Systems is accelerating the commercialization of these technologies by providing cost-effective access to our unique development environment and end-user applications.

### SOFTWARE COMPANY

Software companies that build new technology on the S2S Systems Platform can obtain free access to source licenses.

- Focus on Key Technology
- Greater Workflow Breadth
- Accelerated Development
- Decreased Time to Market

### SERVICE COMPANY

Service companies can accelerate and expand proprietary service offerings through the rapid implementation of new technologies within integrated workflows.

- Accelerated Development
- Cross-Disciplinary Applications
- Web-Deployed Service Products
- Expanded Service Offerings

### RESEARCH & ACADEMIA

Research centers and academic institutions can now spend less time writing code and more time validating technology.

- Focus on Research
- Commercialize Technologies
- Maintain Intellectual Property

### END-USER

Pre-Stack velocity modeling to full reservoir model construction, S2S Systems has a complete suite of powerful and integrated applications available for end-user licensing.

- Only Pay for What You Use
- Only Pay for it When in Use
- Full Cross-Disciplinary Workflows