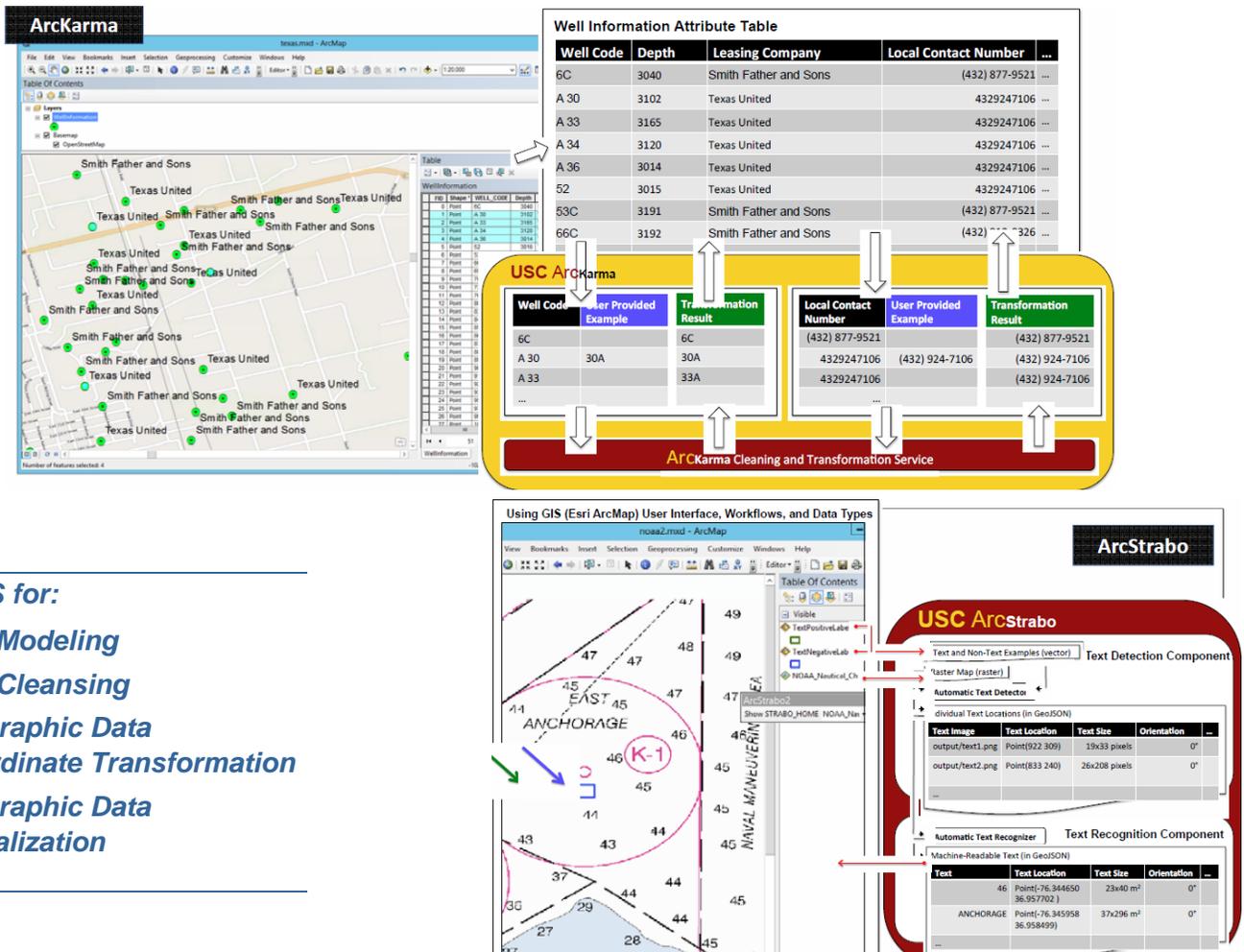




Integrating Data Sources

IDS is a web-based solution that can integrate numerous data sources in various formats. Currently, engineers rely on a manual system of combining tremendous amounts of data ranging from excel spreadsheets to map images. The IDS solution is able to import data, provide efficient data cleansing tools, and convert the relevant information into a uniform format. IDS was developed with familiar GIS platforms (Esri ArcMap, ArcKarma, & ArcStrabo) so users can stay in a singular software environment. Because IDS is cohesive with Esri ArcGIS, rapid integration is enabled for improving the time to make critical decisions.



Use IDS for:

- Data Modeling
- Data Cleansing
- Geographic Data Coordinate Transformation
- Geographic Data Visualization

About CiSoft

CiSoft is a University of Southern California-Chevron Center of Excellence for Research and Academic Training on Interactive Smart Oilfield Technologies. Established in December 2003, the Center includes participating research scientists from various departments in the Viterbi School of Engineering and from Chevron. Two important entities associated with the Viterbi School of Engineering, IMSC (Integrated Media Systems Center) and ISI (Information Sciences Institute) are closely associated with CiSoft. Expertise of participating USC faculty includes Petroleum and Chemical Engineering, Computer Science, Electrical Engineering and Industrial and Systems Engineering. Research areas include:

CiSoft's role has been to generate bursts of innovative ideas related to digital oilfields

- Integrated Asset Management
- Well Productivity Improvement
- Robotics and Artificial Intelligence
- Embedded and Networked Systems
- Failure Prediction in Artificial Lift Systems
- Reservoir Management
- Data Management Tools
- Immersive Visualization
- Environmental Health & Safety

About USC

University of Southern California is at the forefront of research in information technology and a full spectrum of engineering disciplines. The Viterbi School consistently ranks in the top ten in the U.S. News and World Report rankings. Our highly interdisciplinary research environment has enabled faculty to respond to emerging needs for research in such diverse areas as conventional and renewable energy, imaging, robotics, software engineering, sensor networks, vision sciences, automated construction and photonics. The Viterbi School actively encourages technology transfer and commercialization through industrial partnerships. The university has several high performance computing resources with significant computational capabilities for a variety of computation-intensive projects including subsurface modeling and simulation. Our network spans all over the world and is reputed to be one of the largest, most influential, and loyal.