

THE TRANSLOADING CHALLENGE

Frac sand transportation is completed by connecting railcars, onsite storage, and tractor trailers to well sites.

Transloading terminals manage the most complex part of the sand transportation process and are obligated to parties both up and downstream. This means:

Multiple systems:

- Inventory management
- Fleet management
- Accounting/billing
- Railcar tracking
- Loading/unloading systems

Reports and paperwork:

- Bills of Lading
- Job Progress
- Inventory
- Customer billing

Software companies position their products as fragmented solutions to all of the above issues.

Software alone will not meet client needs unless it is deployed concurrently with the business processes and systems integrations needed to satisfy all stakeholders and meet the above obligations.



THE SOLUTION

Diamond B Technology Solutions Track2Frac system is an integrated cloud based solution encompassing all technology components and business processes necessary to optimize operations at today's state of the art frac sand transloading facilities.

The solution includes business process mapping, network and systems analysis, transloading operations/tracking software, and training and support tailored to each facility.

Through the expertise of Diamond B Technology Solutions ("DBTS") the implementation can be extended to include technology infrastructure upgrades, third party or existing customer systems integration, and site surveillance / security.



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**BUSINESS & OPERATION
PROCESS MAPPING**



**DBTS TRACK2FRAC SAND
MANAGEMENT MODULE**



**INTEGRATED RAILCAR
MANAGEMENT SYSTEM**



**CUSTOM
INTEGRATIONS**



**SOLUTION CONFIGURATION,
INSTALLATION**



**INTEGRATED OPERATIONS
CENTER SUPPORT**

FEATURES



SOLUTION FEATURES



BUSINESS & OPERATION PROCESS MAPPING

Analysis of current systems / operations / process to yield most efficient practices and provide the basis for future / ongoing improvements and possible integration points.



DBTS TRACK2FRAC SAND MANAGEMENT MODULE

Real-time Dashboard - Visual representation of current inventory levels

- Inventory verification and tracking
- Track tonnage, averages and totals on transfers
- View each individual item with current levels and history

Complete Historical Reporting - For Customers, Operations, & Accounting

- Transaction reports by specified date/time
- Downloadable into XLS and CSV formats
- Custom reports/extracts can also be developed



INTEGRATED RAILCAR MANAGEMENT SYSTEM

- Management of railcars throughout their lifecycle
- Manage cars within the yard
- Reports on cycle, dwell, and transit times by origin/destination



CUSTOM INTEGRATIONS- Tailored to each individual environment

- Third Party, Railroad & Customer Systems
- Onsite Components - PLC's, Scales, Automation Systems, etc.
- Surveillance and Security systems



SOLUTION CONFIGURATION, INSTALLATION

- Personalized system setup for each unique environment
- Configurations include: customer access, reporting, and terminal settings



INTEGRATED OPERATIONS CENTER SUPPORT

- 24/7/365 ongoing support
- Remote control and oversight for terminal operations

BENEFITS

INCREASED PROFITS.

Automation of manual tasks with optimized component integration increases accuracy, eliminates redundancy, decreases transaction time, and reduces the overall cost of processing each load transfer. This ultimately leads to higher transloading capacity at a higher margin.

ONE PERSONALIZED SOLUTION.

The Track2Frac solution consolidates multiple stand-alone systems and processes and provides a centralized resource to manage an optimized, efficient operational process designed for your specific facility.

- The real-time dashboard provides a constant view of your inventory; what product you have onsite, the quantity, and location.
- Integration with railroad systems extends product tracking and forecasting capabilities.
- Reliable, fully supported and monitored network infrastructure and systems.

DIAMOND B TECHNOLOGY SOLUTIONS / EXPERTISE

DBTS analyzes business operational processes and provides recommendations necessary to meet objectives.

Moving a truck through a terminal and achieving data capture for customer billing is a significant portion of each load cycle. As volume increases, increased traffic introduces additional risks and limitations. Through analysis and implementation of the Track2Frac system, redundant systems and processes are identified and eliminated to optimize traffic flow patterns, automate data capture and reduce cycle time.

DBTS engages with customers as a technology partner to design, deliver, and support reliable, robust network infrastructure solutions.

A reliable, robust network provides a foundation to further enhance efficiencies and extend the reach of your staff. Monitoring the health of the network and critical components reduces downtime and ensures that weather, hardware, software, or provider failures do not negatively impact operations.

DBTS provides full support with the Integrated Operations Center.

Staffed 24/7/365, the Integrated Operations Center provides systems support, as well as operations support. Additional services available at the IOC include: Railcar logistics / operations, Bill of Lading services, and system health monitoring.

