

Transport & Energy

We Deliver **Solutions**

Get the Right Truck Configuration

Considering a new configuration? Looking for a configuration that better fits your needs? Our engineers can help you find a suitable existing configuration or obtain the necessary regulatory approval by ensuring your innovative ideas meet required safety and performance standards and advise you on solutions to optimize your design. *FPI* has decades of experience working with and advising all levels of government on transportation related policies and issues. Dream big, and let us help you accomplish that dream!



Select the Right Tool for the Job

Purchasing new equipment can be a daunting task. Let us eliminate the guesswork by evaluating your needs, assessing the functionality of your current machinery, and developing purchase specifications to meet needs that aren't being met by your current equipment. Using tools we developed in-house, we can evaluate your needs and guide your purchase of new machines when it's time to replace all or part of your fleet.



Photos: FPI Innovations 2012



Get the Most From Your Machines

Using techniques perfected during decades of experience, we will benchmark your operators' and machines' current productivity and utilization and highlight areas for improvement. Optimizing your operating practices and your use of the machine's capabilities can be the difference between a break-even operation and a highly profitable one.



Use Less Fuel

Our experience with fuel saving devices and with testing can take the guess work out of adopting the latest technology. Furthermore, we provide the support you need to optimize your fuel use, such as sensitivity analyses that can be custom tailored to suit your changing needs and provide much needed payback information. We can also provide the knowledge you need prior to adopting alternative fuels such as biodiesel and natural gas.

Do It Safely

Are you going where no machine has gone before? Our knowledgeable staff of engineers can provide a host of services for machines and trucks, such as: stability analysis, simulations, and modeling. In addition, we can provide technical assistance for common operating problems, such as dealing with wheeled vehicles on steep descents and machines operating on steep slopes.



Manage Your Machines With the Information You Need

Getting the right metrics on your machines is crucial to making the right decisions, but off-the-shelf solutions are not always applicable. Unique problems require unique solutions. We can help answer questions specific to your operations, using state-of-the-art instrumentation that can be custom tailored to meet your needs.



Power Your Equipment with **Innovations**



Optimize Your Supply Chain

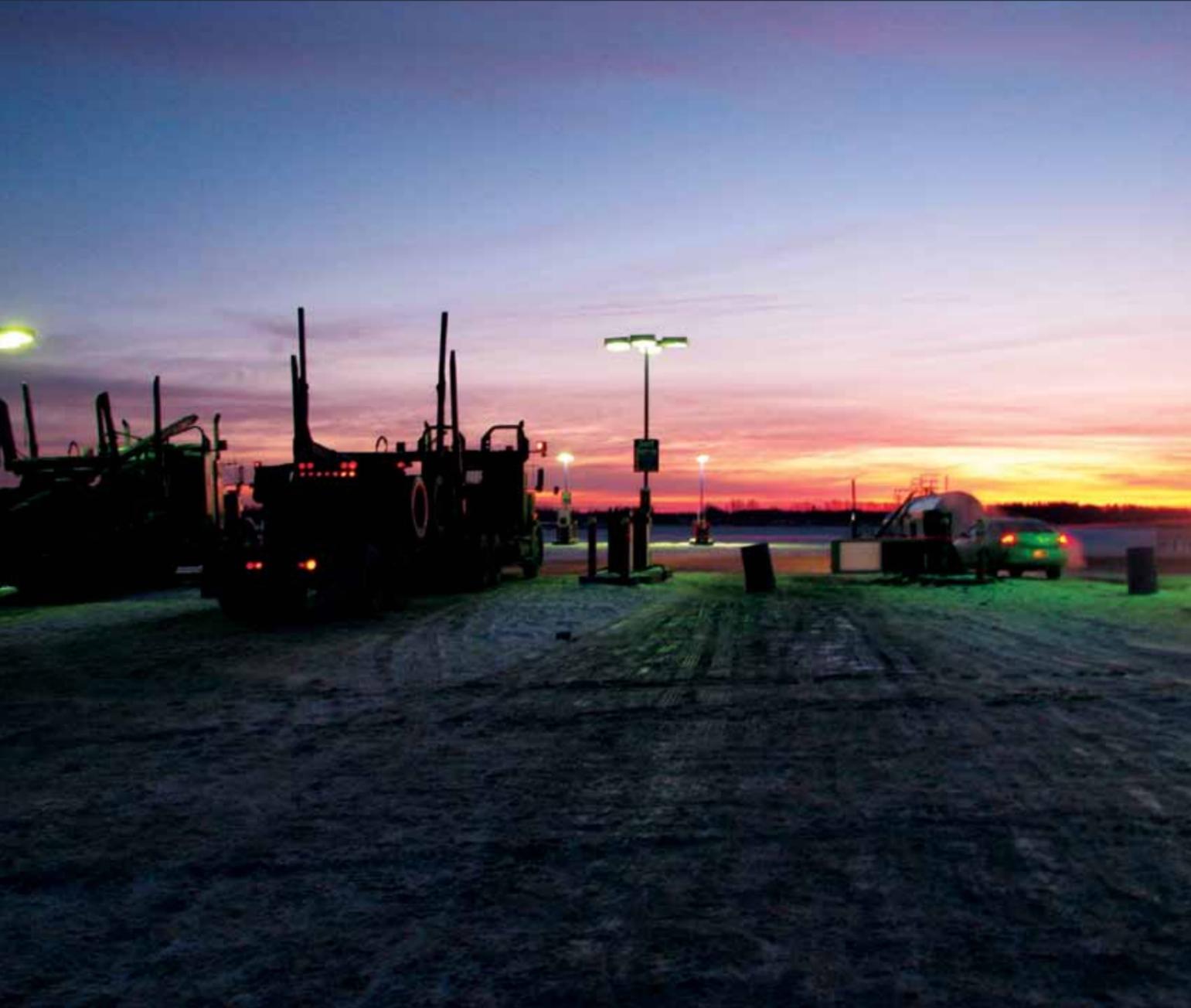
Do your product flows work as well as you need it to? Are your warehouses or yards too small? Is a satellite storage facility the right decision? Our experienced staff can evaluate your supply chain and propose innovative solutions that will improve your profitability.



Train Your Staff

Our staff can deliver popular training courses we have developed, such as *Smart Driver for Forestry Trucks*, *Fuel Management 101 for Forestry Fleets*, *Energy Efficiency Workshops* and others. We can also develop customized materials based upon your operations and equipment.

Transport & Energy Solutions



Technology Implementation

Supply Chain Logistics



Energy Efficiency

Safety
Environment
Monitoring Productivity

