



## Reducing NPT with Automated Asset and Operations Management

## CASE STUDY

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Scandrig Inc., a Texas-based independent drilling contractor, has rigs located in New Mexico, Louisiana, Texas, and the Permian Basin. Scandrig, which was founded in 1977, quickly rose to success in the industry.

But despite profit margins, Scandrig still struggled with what they felt were excessive operational expenses and downtime costs. Their current asset management system had multiple bugs and lacked the features required for a company of its size.

Seeking a better solution, Scandrig partnered with TrigPoint Solutions to deploy PROMPTT®.

Built especially for drilling and service contractors, PROMPTT® allows users to perform multiple business functions with a single platform. With Asset and Inventory Tracking, Maintenance, Hours Capture, Safety, and other operational applications fully integrated, operations become more efficient from day one.

## COMPANY PROFILES



TrigPoint Solutions, Inc. ([www.trigsol.com](http://www.trigsol.com)) is an established leader in developing cutting-edge mobile technology that enables drilling and service contractors to build safer, more productive, and more profitable businesses.

TrigPoint Solutions' integrated asset management, operations, and data analytics systems are used by onshore and offshore contractors at over 700 locations worldwide.



Since 1977, Scandrift Inc. ([www.scandrift.com](http://www.scandrift.com)) has provided land contract drilling services to independent and major oil and gas exploration companies in the in the Ark-La-Tex and Permian Basin.

By fostering a culture of safety and learning, Scandrift has been able to reduce human error, lower turnover and decrease NPT throughout their fleet.

## A BETTER APPROACH

Scandrift chose PROMPTT® to reduce NPT, streamline operations, and create safer working conditions in the field

Scandrift's NPT percentages were lower than industry average, but not low enough for Paul Mosvold, President and COO of Scandrift. "Run-to-failure operations aren't sustainable," he says.

"We needed an advanced system that would help us manage our assets and personnel and be configurable enough to accommodate our internal safety program and standard operating procedures. We asked for a solution that keeps us ahead of the curve - and PROMPTT® delivered."

With PROMPTT®, processes and workflows are automated, and the intuitive mobile applications proactively tell users what, when, and how activities should be carried out. "It gives me peace of mind," says Hector, a company driller. "Plus it keeps everyone accountable."

PROMPTT® operates in real-time, and all activity is centrally managed. "When I scan my user RFID tag, PROMPTT® tells me exactly what I need to do and how to do it," adds Hector. "There is no more guesswork about what needs to be done."

After deploying PROMPTT®, Scandrift's average NPT percentage dropped by 30%, saving Scandrift \$585,916 the first year.

Paul notes, "Before PROMPTT®, we were actually using a competitor. So when I first saw those numbers, I asked them to double check. I couldn't believe it." Within 15 months, the NPT savings had grown to \$827,637.

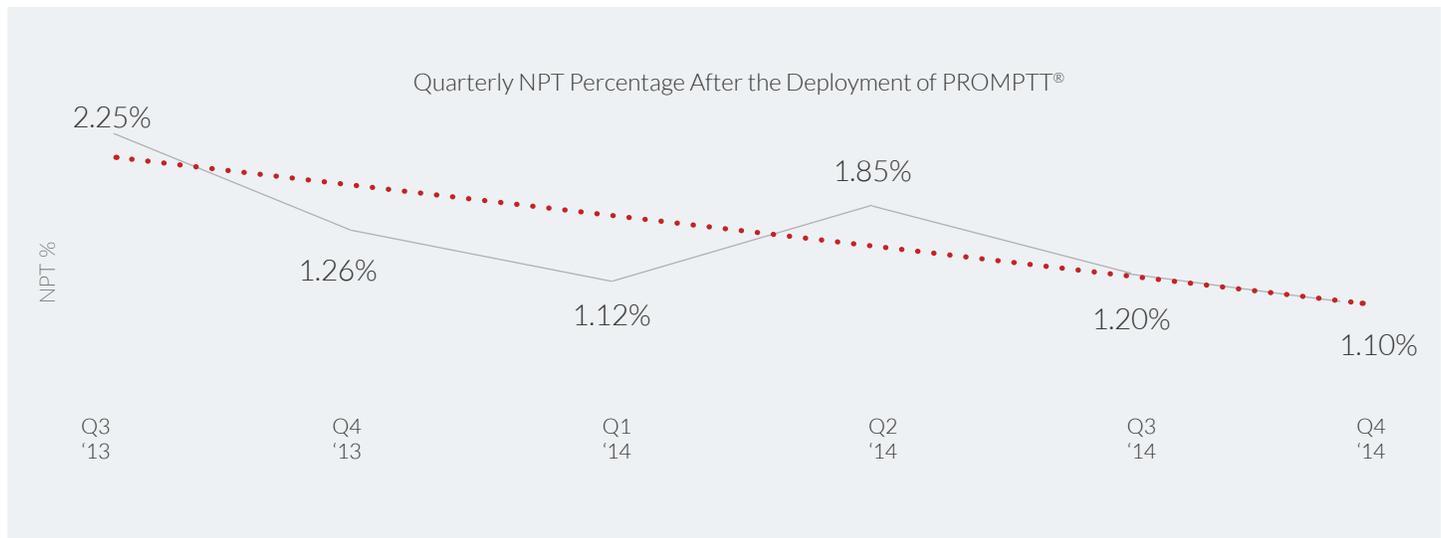
"Everywhere we look, we find more cost savings that we can attribute to PROMPTT®." For example, Paul says that by automating their monthly top drive inspections and doing it in-house, Scandrift saved another \$240,000 per year.

"We need every advantage we can get as we enter these difficult times, and PROMPTT® is one of our aces in the hole."

# GREATER EFFICIENCY FROM DAY ONE

Scandrill saved \$585,916 in NPT costs with its first year of PROMPTT®

When Scandrill deployed PROMPTT® in October 2013, its average NPT percentage for the prior year was 1.84%. Four quarters later, it had dropped by 30%, resulting in a \$585,916 NPT savings.



## Reduction in Top Drive Failures

Top drive failures dropped 11% the first year, saving Scandrill \$74,166.37.

## Getting NPT Under Control

In twelve months, Scandrill reduced its overall NPT by 30% and avoided \$585,916 in NPT costs.

After fifteen months, Scandrill saved over \$827,637 in NPT costs

PROMPTT® is one of our aces in the hole.

Paul Mosvold,  
President and COO

Because of  
PROMPTT<sup>®</sup>,  
our rig crews  
are better  
equipped  
to perform  
their tasks  
throughout  
the day  
completely  
and safely.

Luke King,  
Director of HR/HSE

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## MOVING FORWARD

Today, Scandrill operates more efficiently than ever. In addition to reducing asset management and operational costs, the field operations team reports fewer safety incidents, greater task completion, more confidence amongst newer staff, and a healthier work culture.

Says Paul Mosvold, “We needed a structured approach to reducing operating costs while improving efficiency, and PROMPTT<sup>®</sup> does this.”

To further optimize performance, Scandrill has partnered again with TrigPoint Solutions to deploy RIGIQ<sup>®</sup>, a prescriptive analytics tool designed to eliminate unplanned NPT.

RIGIQ<sup>®</sup> analyzes well, operations and performance data to highlight trends, patterns, and important KPIs in order to predict when downtime will occur. Its accuracy rate is as high as 90%.

In addition to real-time monitoring and forecasting, RIGIQ<sup>®</sup> also acts as an optimization tool. The software tells users precisely what specific operational changes are required to prevent future NPT and safety incidents. It integrates seamlessly with PROMPTT<sup>®</sup>, giving Scandrill a full 360° view of operations.

“RIGIQ<sup>®</sup> provides the missing link in O&G business intelligence,” says Greg Slater, President of TrigPoint Solutions. “It takes you from ‘preventative’ to ‘predictive’ - and who doesn’t want to know the future?”

To learn more about PROMPTT<sup>®</sup> and RIGIQ<sup>®</sup>, please visit [www.trigsol.com](http://www.trigsol.com).