

Creating Competitive Advantage

Centare built a large scale device agnostic workflow system with numerous validation components unique in its marketplace.



Southern Star Central Gas Pipeline (SSCGP) is a leading transporter of natural gas to America's heartland, with about 6,000 miles of natural gas transmission pipeline in the Midwestern region of the US.

SSCGP's pipeline system, facilities and employees are located in Missouri, Kansas, Oklahoma, Wyoming, Colorado, Nebraska and Texas, with their headquarters in Owensboro, KY.

Benefits



Full system versioning



Pipeline specific calculation tools



In app multi-file attachment sorting



Native device camera integration



On and off line functionality to adapt to locations where service is minimal



System driven automatic reports in PDF format

The Project

SSCGP wanted to solve the problems they were experiencing with the field engineers adequately diagnosing potential pipeline conditions and providing that data to the business. Their initial process consisted of 300+ fields on 4–10 sheets of paper, and they have no less than 10 equivalent forms that may need to be completed for each pipeline. These paper forms were then hand entered into the overall system and audited for accuracy. If field data was inaccurate, new sheets would need to be created. In addition, there often were photos and other files attached to the document which would get lost during the various touch points that were involved.

Integration & Accuracy

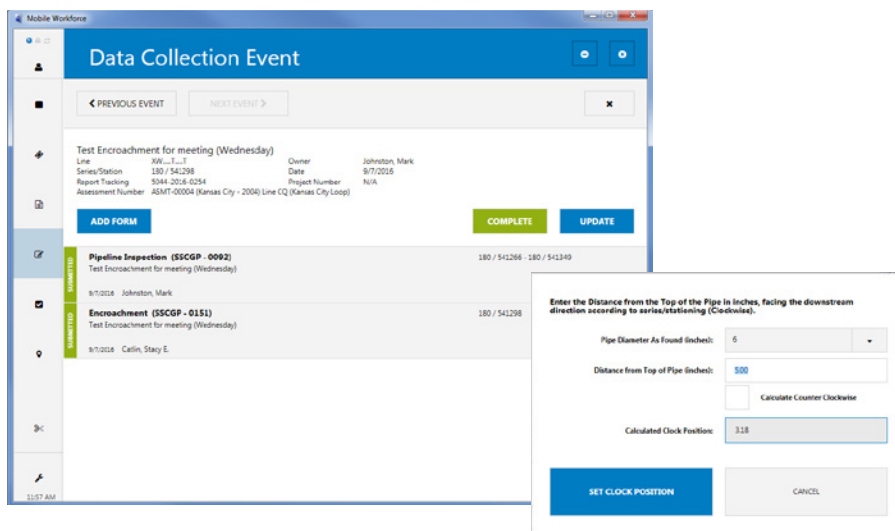
GPS mapping integration for critical data points tied to latitude and longitude minutes and seconds.

Roles & Security

Workflow approval process with actions based upon user roles, including rejection capabilities.

Maintainability

Modular design so that additional workflows can be added with minimal IT effort by SSCGP.



Let's Partner Together

Reach out to us to find out more about who we are, what we do, or how Centare and your organization can partner together.

Send us an email at hello@centare.com.

Technologies

- ✓ .NET 4.5
- ✓ WPF / XAML
- ✓ Prism / MVVM
- ✓ RavenDB
- ✓ ESRI ArcGIS Runtime
- ✓ NLog
- ✓ WCF
- ✓ Entity Framework
- ✓ Windows Service Bus
- ✓ SQL Reporting Services (RDLC)
- ✓ ASP.NET MVC 5
- ✓ AngularJS
- ✓ Bootstrap

“Our experience with Centare was nothing short of amazing! Even our company’s strongest skeptics became convinced... Centare helped to add value that will be appreciated for many years.”

Mark Johnston
Developer – SSCGP

