JOYN
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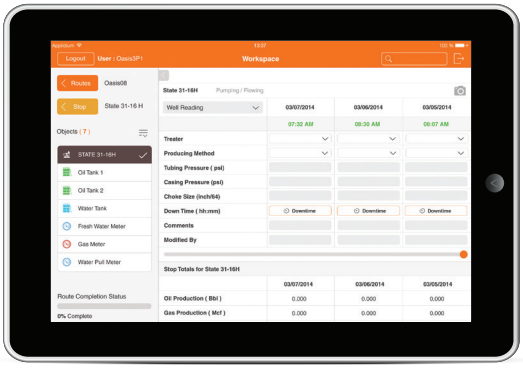
DATASHEET

Joyn FDG

Empower field personnel to optimize OPEX and production



Seven Lakes FDG mobile app solution takes out the guess work for operational personnel who battle a constantly moving set of data on wells, routes, pumpers and more. With accurate insights between the field and office, teams can now use dynamic routing to double pumper efficiency by prioritizing highest impact wells. Transform the quality of data with configurable data rules that control inputs at the point of entry. With FDG's extensibility, you can configure multiple solution use cases (EHS readings, asset inspections, facility operations, etc) to stay ahead of a dynamically shifting operational and regulatory landscape. Configure new data fields to capture and push them out in minutes without waiting for vendor customizations.

CAPABILITIES

- Integrate natively with key production accounting, reserves and ERP systems
- Track well downtime categories and subcategories as well as run tickets
- Dynamically route pumpers to assets in order of greatest need
- Tag asset locations and using geo-fencing get to the nearest asset location
- Understand regional trends to enable best practice sharing
- Communicate and share information between field and decision support center
- Save data while offline and sync when connected via Wi-Fi, 3G and 4G
- Deploy quickly with minimal training

BENEFITS

- Maximize production at the individual asset level
- Minimize field opex at the individual asset level

FEATURES

- Available on Windows and iOS
- Geo-tagging and Geo-fencing
- Downtime tracking
- Run Ticket tracking
- Online/Offline sync
- Dynamic routing
- Intra-day readings
- SCADA compatible
- Powerful analytics

INTEGRATED SYSTEMS*

- Accounting/ERP
- Economics and reserves
- Well ops/management
- Production accounting
- SCADA systems

***TYPICAL INTEGRATIONS** – *further systems can be integrated if needed.*

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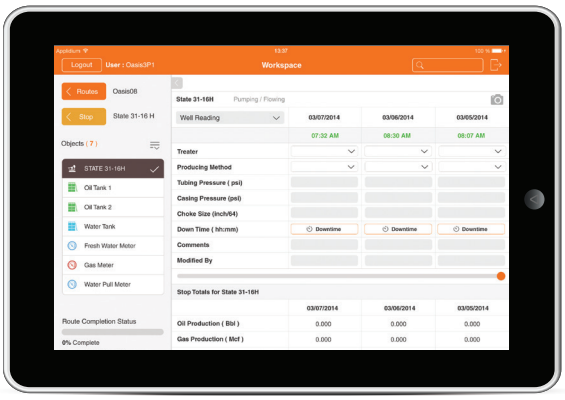
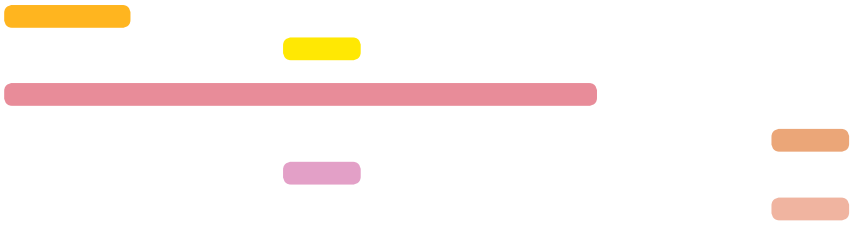
IMPLEMENTATION SHEET



CUSTOMER TEAM RESOURCES

Team Role	Commitment
Project Manager	5-8 Hours / Duration
Infrastrucrure Admin	5 Hours/ Week 1-4
SME (s)	5 Hours/ Week 1-4
Admin Trainer	16 Hours/ Week 2
End User Trainer	4 Hours/ Week 4

IMPLEMENTATION TIMELINE

PRE- DELIVERY PHASE	**Infrastructure Setup:** Hardware, network, SLT, users accounts and groups, automated accounts, access permissions
DELIVERY PHASE	**WEEK 1** **WEEK 2** **WEEK 3** **WEEK 4**
• Product Deployment • Configuration • Integration & Customisation • UAT • Admin Training • End User Training	

ASSUMPTIONS: *As-is product implementation. Any customizations or changes to standard configuration will extend timeline. Training efforts primarily managed by the customer with support from SLT during initial training. Additional training from SLT available upon request.*

INFRASTRUCTURE REQUIREMENTS

End users require Windows Computer or iPad

DATABASE SERVER

- 32 GB RAM
- 2x4 3.0 GHz CPU
- Win 2012 x64
- SQL 2012 R2 Ent. Edition x64 (SQLDB, SSIS, SSAS)
- Disk Drives:
  - C Drive (OS) - 100 GB
  - D Drive (Data) -250 GB
  - E Drive (SQL Log/ Temp) - 50 GB
  - G Drive (Backups) - 50 GB

WEB SERVER

- 8 GB RAM
- 2x43.0 GHz CPU
- Win 2012 R2 x64
- IIS/.NET 4.0
- RabbitMQ
- Disk Drives
  - C Drive (OS) - 100 GB
  - D Drive (Data) - 100 GB

NOTE: *Requirements above are for production environment. Development and Test environments are expected to have similar or lesser requirements. Cloud options also available upon request.*