

Joyn Downtime Analytics

Control downtime and production loss



Joyn Downtime Analytics solution makes daily well reviews happen in minutes instead of weeks. Field personnel, engineers and managers can now focus on understanding, prioritizing and acting immediately to reduce targeted downtime incidents; redirecting energy and time previously spent on gathering and cleansing data. The solution provides downtime categories to prioritize and take action on downtime reasons based on production loss. Reduce downtime one well at a time across an entire field or even a region.

CAPABILITIES

- Track highest downtime wells
- Prioritize wells by production loss
- Track downtime resolutions
- Understand regional trends to enable best practice sharing
- Cater insights and performance goals by business unit or region
- Tie downtime reduction to production optimization

BENEFITS

- Reduce downtime and production loss
- Benchmark regions
- Enhance CAPEX and OPEX management
- Categorize job expenditures by well and downtime to determine future job types, and spend impact on production
- Provides insights for optimal prioritization of wells for CAPEX and OPEX plans

JOYN PLATFORM FEATURES

- Search driven analytics
- Configurable hierarchies, drill-downs and subscriptions
- Role-based security access with user admin module
- Data driven alerts and notifications
- Collaborative sharing of analytics across users
- Integrated with company-wide systems
- Quick deployment with minimal training


INTEGRATED SYSTEMS*

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

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



CUSTOMER TEAM RESOURCES	
Team Role	Commitment
Project Manager	5-8 Hours / Duration
IT /Deployment Support	Upto 40 Hours
SME (s)	10 Hours / Week
Trainer	TBD by customer

IMPLEMENTATION TIMELINE						
PRE- DELIVERY PHASE	Infrastructure Setup: Hardware, network, SLT, users accounts and groups, automated accounts, access permissions					
DELIVERY PHASE	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5	POST IMPLEMENTATION
<ul style="list-style-type: none"> Product Deployment Implementation UAT Training 						<p>1 week suggested</p>

ASSUMPTIONS: As-is product implementation. Schema-conforming cubes are pre-existing. Any additional setup or customizations will extend timeline. Suggested UAT timeline is 1 week.

INFRASTRUCTURE REQUIREMENTS

DATABASE SERVER

- 2x4 3.0 GHz CPU
- 32 GB RAM
- Windows Server 2012 R2+ x64 or CentOS 7+ or Ubuntu 14+
- MySQL 5.6+ or SQL Server 2012 R2+
- Storage (Disk/SSD):
 - Operating System – 100 GB
 - Data – 250 GB
 - Logs – 50 GB
 - Backups – 250 GB

WEB SERVER

- 2x4 3.0 GHz CPU
- 32 GB RAM
- Windows Server 2012 R2+ x64 or CentOS 7+ or Ubuntu 14+
- IIS 7+ (.NET 4+) or Apache HTTP Server 2.4
- Storage (Disk/SSD):
 - Operating System – 100 GB
 - Data – 250 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.