Ground-breaking launch of Cloud based Oil & Gas Production Data and Cost Management System in Iraq

إنطلاقاً رائدة في النظام السحابي لإدارة الأنتاج والكلف النفطية في العراق
Tania Walter
Chief Executive Officer

22 Years in Software Engineering
17 Years in Mining and Oil & Gas
Founded 2 businesses
What to expect

Who is Obzervr?

Production and Cost Data capture in Iraq

The Future is Now
What is Obzervr

Collect

Integrate & Organise

Transform The Way You Value Data

SAP

PRUNO

SOFTWARE

OSIsoft.

Office 365

Analyze, Collaborate & Share
About Obzervr

- Resources Sector
- Reduce reporting time from 5 weeks < 2 days
- 40-55% Productivity Improvement
- Real-time Operational Insights
Reference Projects & Clients

5 teams collecting data and collaborating through the Obzervr platform

Collection and country-wide collaboration of production and cost data with Obzervr platform

Central Business Intelligence visualisations of multiple sources of data into a single management dashboard.

In partnership with Schlumberger

In partnership with Schlumberger

In partnership with Schubin

In partnership with WestSide

arrow energy

Iraq Ministry of Oil

West Side
Project Ashtar
Project Ashtar

- Background
- 21 IOC’s, 5 NOC’s
- Variety of formats
- Difficult to collate
Project Ashtar

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Objectives

- Secure Cloud Solution
- Access anywhere at anytime
- Streamline Data Management
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Deliverables

- Scalable, secure, robust tool
- Online / Offline Cross platform Mobile App
- Real-time Analytics
Project Kick-off September 2018
Start with the end in mind

Operating Model

MOO IRS Team

IOC Team

Data Process Team

Reviewer

Super User

Administration Team

System Management

Change Management

NOC Team

BI Users

Schlumberger In-country Support
Solution Implemented
Cross platform data input, edit, view

- Cross platform mobile app
- On-line and offline data capture
- Scheduled jobs
- Assigned to a team
- Alerts and alarms
- Drag and drop form create
Approval Workflow

1. Input: Data
2. Submit: IOC / NOC
3. Review & Recommend: ROC
4. Approve: Ministry of Oil
5. Approve: HE Minister Office
6. End: Customer

Flowchart:
- Data
  - IOC / NOC
    - Review and recommend decision
      - Decide approve or reject
        - ROC
          - Review and recommend decision
            - Decide approve or reject
              - Ministry of Oil
                - HE Minister Office

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## Approval Workflow

### Iraq Oil Reporting System

#### Dashboard

**MY WORK**

- **DATA CAPTURE**

#### MY WORK - DATA CAPTURE

- **Monthly Production Report**
  - Approved: 0
  - Rejected: 0

- **Monthly Production Report**
  - Approved: 0
  - Rejected: 0

- **Daily Production Report**
  - Approved: 0
  - Rejected: 1

#### 31/01/2018 ROO Monthly Production Report

- **BP production submitter**: 2/11/2018, 1:03:36 PM
- **Report Year**: 2018
- **Measured Production**: 2,500,000 (bbl)

#### 12/4/2018

- **ROO Production**

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**Support**
Data Security

Data is Treated as SLB Customer Secret Data

Users Grouped by Team with Specific Access and Roles

Highest Level Microsoft Azure Security Standards: Encryption and Firewalls
Analytical dashboards and Reports

- Row level security
- Permissions based view
- Collaborate and share reports
- One-touch reporting
- Real-time view of data
One App to do your work
Connected worker
Data value chain
Transparency
Thank-you! شكرا لكم

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