Unlock Data Insights with Upstream Integration

Presenter: Dan Wingerson, Director IT – Applications & Data Management,
Alta Mesa Resources

Objectives

Today we will explore

Recognizing the need for integration
Buy-in and support

Challenges
Managing data structures and timing across functions (silos)

Benefits
Scalable reports and analytics

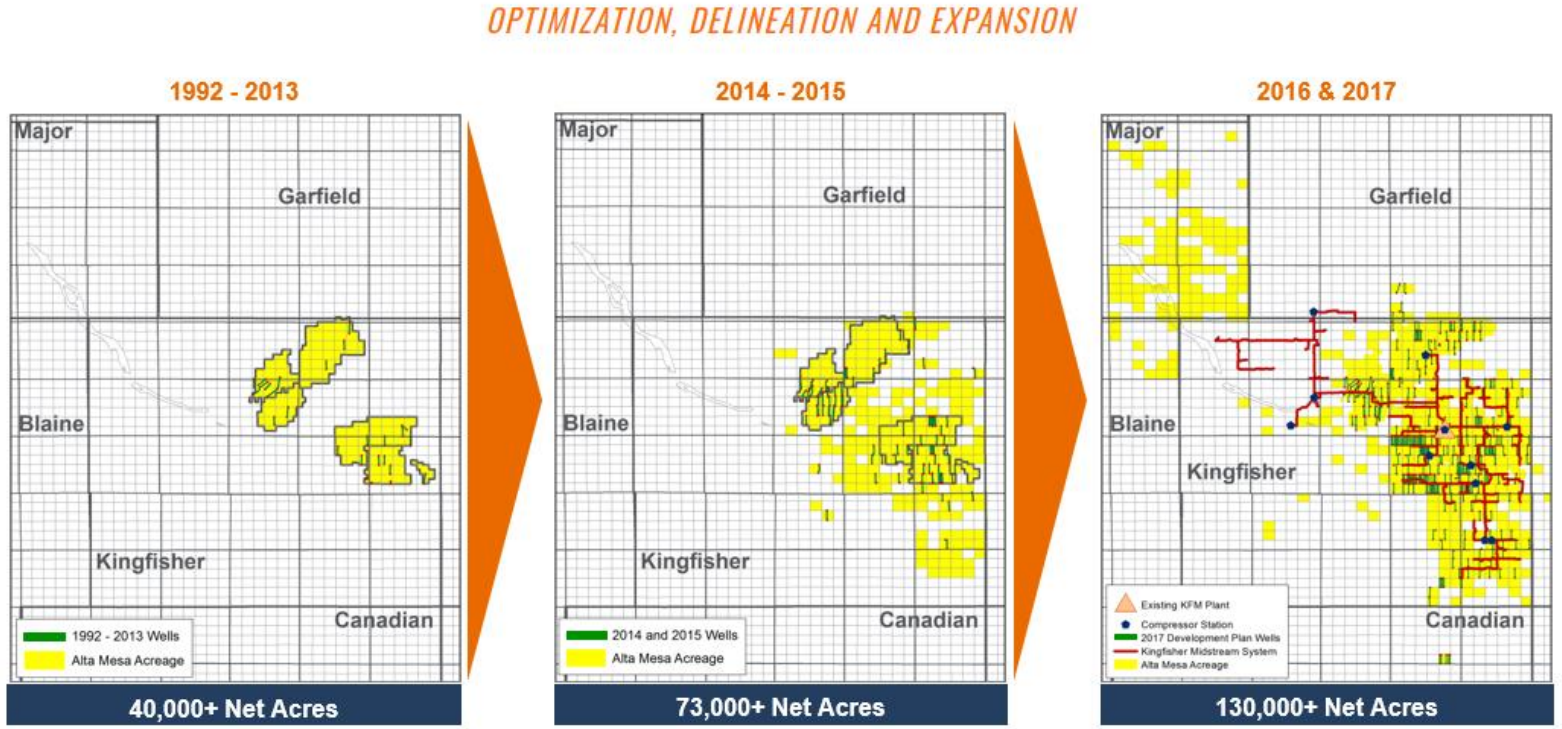
Agenda

Today we will cover:

1. Who is Alta Mesa?
2. Recognizing the need and gaining buy-in for integration
3. The path to integration & its benefits
4. Q&A

Who is Alta Mesa Resources?

- Publicly traded E&P company (NASDAQ: AMR, AMRWW)
- Pure STACK operator
- Rapid Growth since 2009



Alta Mesa + WellEz

- Before we implemented WellEZ, all well-work data exchanges were through email or print.
- Management reporting was assembled manually

5

Years

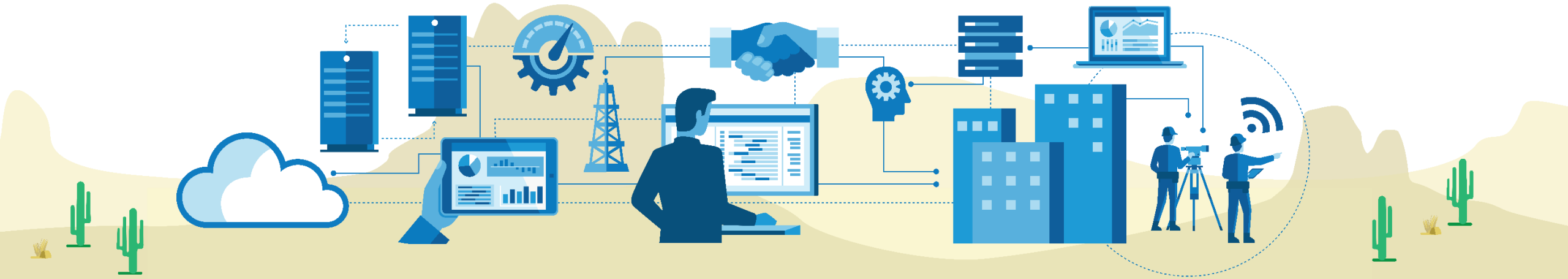
158

Active Users

- Data Captured for…
  - Drilling
  - Completion
  - Recomplete
  - Workover
  - LOE
  - Facilities
  - Repair and Maintenance
  - Plug & Abandon
  - Pipeline Construction

Operating in Silos

Processes and reports may work for a department, but what about across departments?



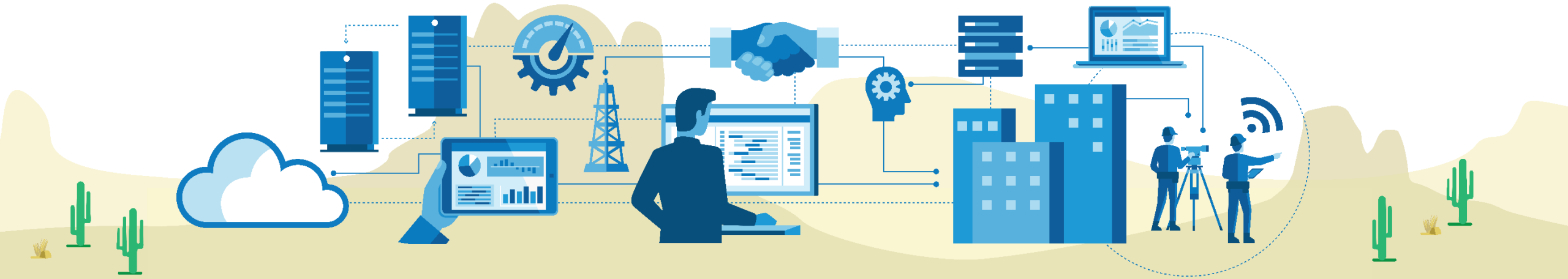
Benefits of Integration

Recognizing the need and getting buy-in for data integration

- Enable Reporting Across Departments
- Integrated Dashboards Across the Organization
- Drill-down Reporting
- Ad-hoc Analytics
- Resources freed up

Integration Challenges

Do not fear, integration is here



POLL OPEN

What is your biggest integration challenge?

1. Culture

2. Selecting 'Best of Breed' applications vs Platform

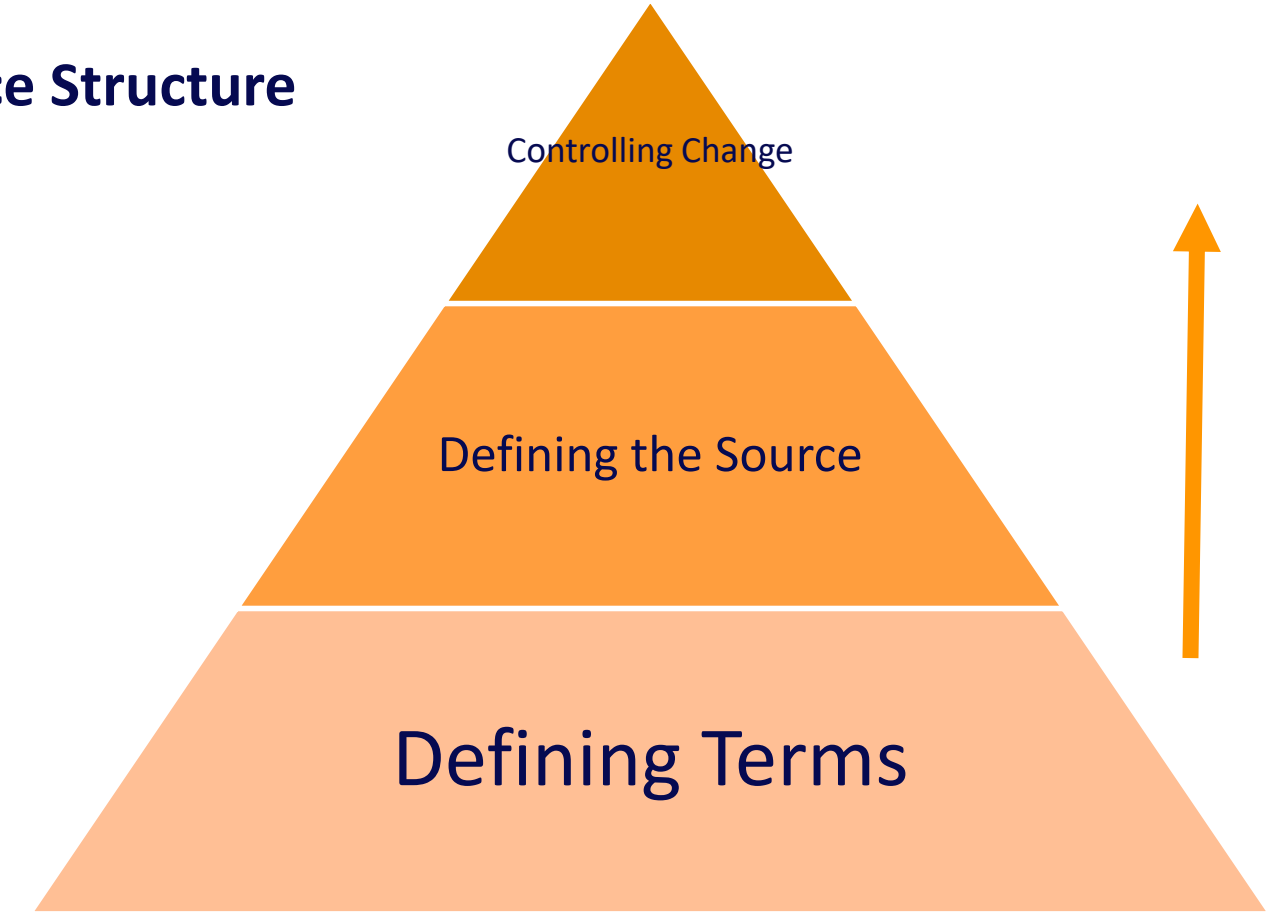
3. Building and maintaining 'glue-ware'

4. Don't know where to start

Data Integration - Challenges

Solve these questions first!

Governance Structure



How to manage impact?

Who owns this?

What is a well?

Data Integration – Challenges Ctd.

Things to consider…

Landscape

Line of business applications

Architecture

Frequency/timing of updates

QC/Support

What is being integrated?

How do the application data schemas relate?

What business or functional limitations influence this?

How fast can we identify and resolve issues?

Thought Starters

Just Getting Started…

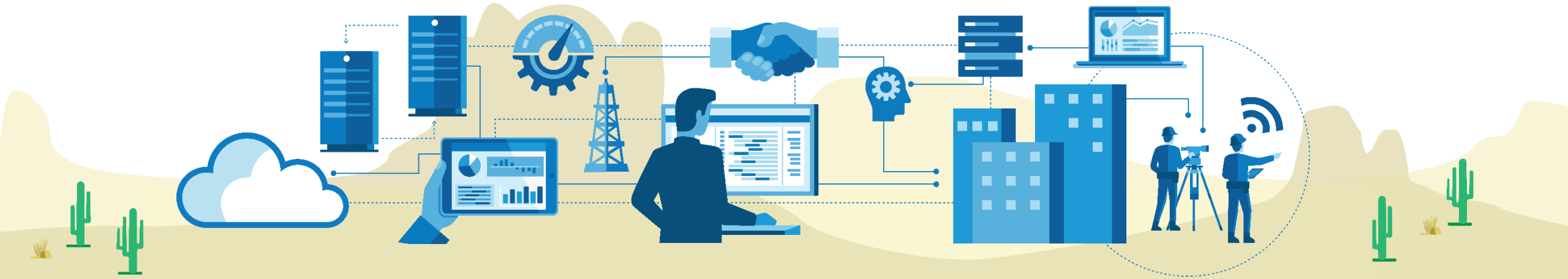
- What are the KPI's for management?
- How can it be supportable, scalable, adjustable?
- What is the change management process?

Integration Pro…

- Can you pull in public data subscriptions to enrich dashboards?
- Insert question here?
- Insert question here?

Integration Results

Operational and Business Benefits



Alta Mesa's Solution

The path to upstream integration

- Governance Structure
- Integration
- Data Warehouse

Field Data

Data Insights

Data-driven Decisions

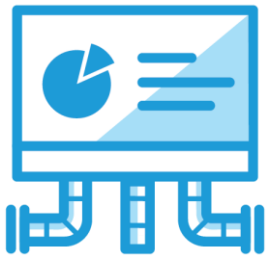
- Quality Control
- Field Support

- Defined Processes & Ownership
- Office Support

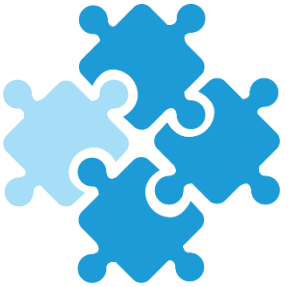
Operational Results

From Data to Knowledge

Consistent Daily Reporting



Integrated Dashboards



Additional Integrations

Ad-hoc Analytics

Resources Freed Up

Business Results

Greater Efficiency

Automate manual processes, reduce risk, and save money.

Increased Agility

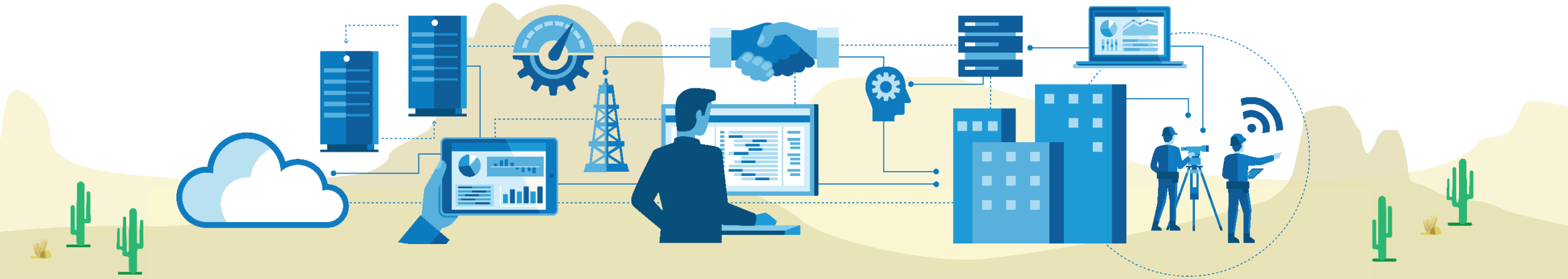
Get the information needed to make adjustments and pivots in real-time.

Transitioned Workforce

Empower personnel to manage, understand, and take action on data. Not just collect and deliver.

Q&A

Any questions or real world examples you would like to share?



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