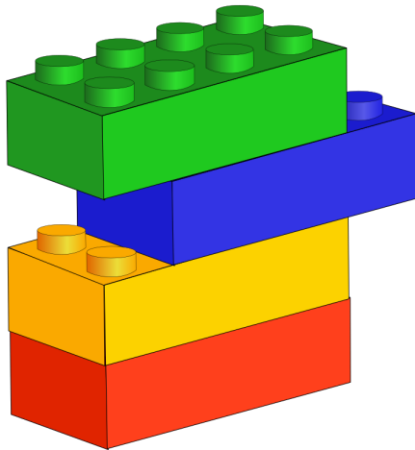


Extending SharePoint's Capabilities



Maria Lim
Senior Information Management
and SharePoint Consultant

AGENDA

- SharePoint in Oil and Gas
- Case Study 1 - Data Management System
- Case Study 2 – Asset Data Portal
- Case Study 3 – Incident/Risk Management System
- Case Study 4 – Business Management System
- Lessons Learned

SharePoint in Oil and Gas

- Majority if not all oil and gas operators already have SharePoint packaged with their Microsoft stack
- Investment is in the projects not in the purchase of a new software. This is because in most cases it's a “free alternative” because the investment has already been made.
- A technical support infrastructure is already in place and with Office 365, Microsoft provides the infrastructure support.

CASE STUDY 1

DATA MANAGEMENT SYSTEM

Case Study Overview

- Excel files to SharePoint
- Duration: May 2012 – To Date
- Status: Active and gathering requirements for the next version
- Users: Global data managers, geotechnical community, IT
- Cost Savings: The project was given a directive to join an enterprise program which would have cost close to \$1million
- Key: Clear Process and Use Cases
- Main Challenge: The directive to join the enterprise program delayed the project delivery by nearly a year.
- Main Success: The interface looks highly customised but it passed SharePoint and other corporate audits. This was presented at a Houston conference by one of the Vice President of the company and declared as the company's Competitive Advantage

Case Study Overview

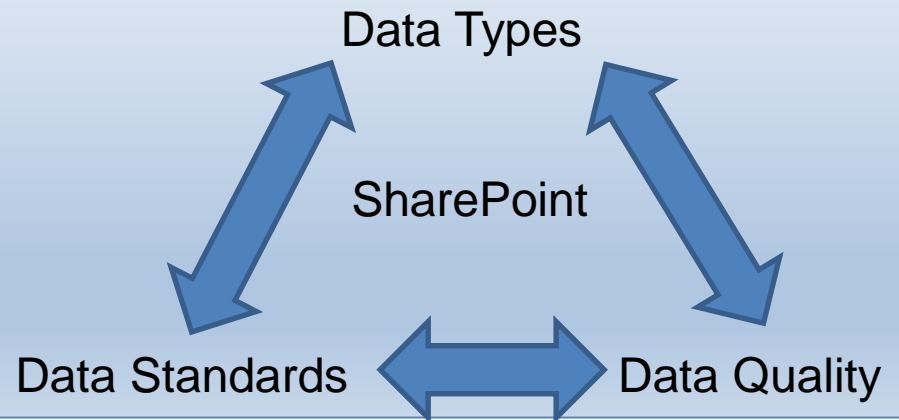
BEFORE

Data Types – Kept in Excel Files

Data Standards – Livelink/
SharePoint/ Shared Drives

Data Quality- IQM

AFTER



Data Management System

InformUnity

Home / Data Standards

?

Data Standards

Filter by:

Save view

Data Set name

Data Class one

Data Class name

Data Class name

Data Class name

Data Class name

Hide

Search data standards...

Search

Description

Data Elements

Repository

Data Rules

Data quality name	Data class
Data rule one	Data class one
Data rule two	Data class one
Data rule three	Data class one
Data rule four	Data class one
Data rule five	Data class one
Data rule six	Data class one
Data rule seven	Data class one

Current KPI

KPI historical trend

Status **Approved**

Global KPI

63%

Country KPI

Africa

Europe

Americas

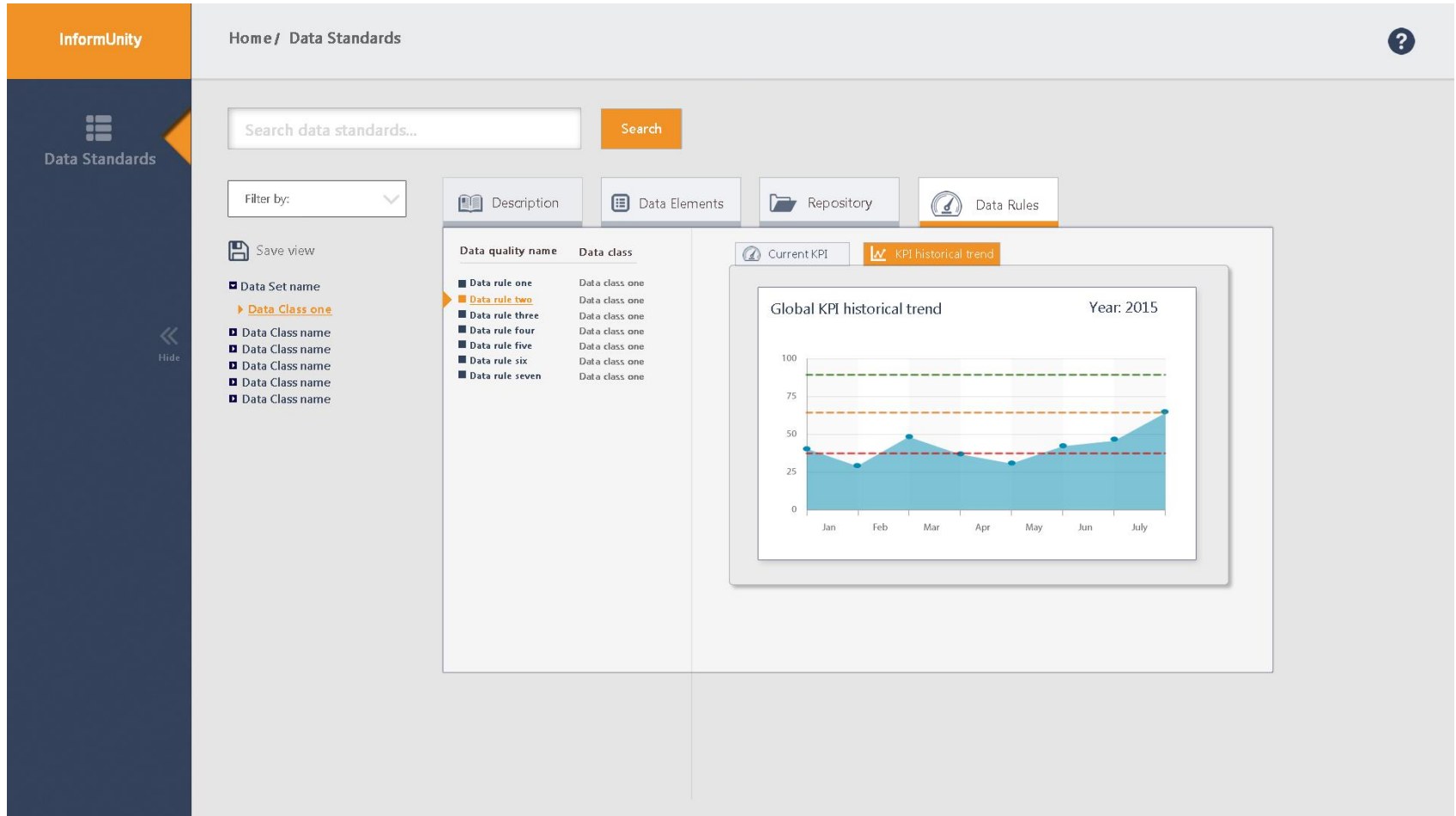
Asia

Oceania

Nigeria KPI: 50


10 99


Data Management System



Data Management System

InformUnity


Data Standards


Hide

Home / Data Standards

Search data standards...

Search

Filter by: ▼

Save view

▣ Data Set name

▸ Data Class one

▣ Data Class name

▣ Data Class name

▣ Data Class name

▣ Data Class name

Description

Data Elements

Repository

Data Quality

#	Document Title	DDO	DVO	Status	Type	Country
1	Sample tile one	John Doe	John Doe	Approved	Template	UK
2	Sample tile two	John Doe	John Doe	Approved	Template	UK
3	Sample tile three	John Doe	John Doe	Work in Progress	Template	UK

CASE STUDY 2

ASSET DATA PORTAL

Case Study Overview

- Portal migration from MOSS2007 to SharePoint 2010
- Duration: 6 Months
- Status: Active
- Users: Global
- Cost Savings: Since the portal is just a link to content hosted in various structured and unstructured repository it is not affected by the IT infrastructure changes.
- Key: Simpler Interface, Accurate GIS data, Named contact person
- Main Challenge: User Preferences
- Main Success: It has become a template and proof that SharePoint can integrate with their GIS application


Asset Data Portal

Assets

Home /

North Sea

Asset one | Asset Two | Asset Three



Country: UK
Current Status: **Production**
Barrels per day: **8204**


Asset name

Asset name


Asset name


Quick Links


Support



John Doe
0555-555-555
john.doe@domain.com

 Critical Documents

 Register

 Toolkit

Asset one Data Center

HSE

Link

Link

Link

Link

HSE

WELL

PRODUCTION

CORE, FLUID, PRESSURE

GEOLOGY, GEO PHYSICS

MODELLING

CHEMISTRY

TEAM & FIELD

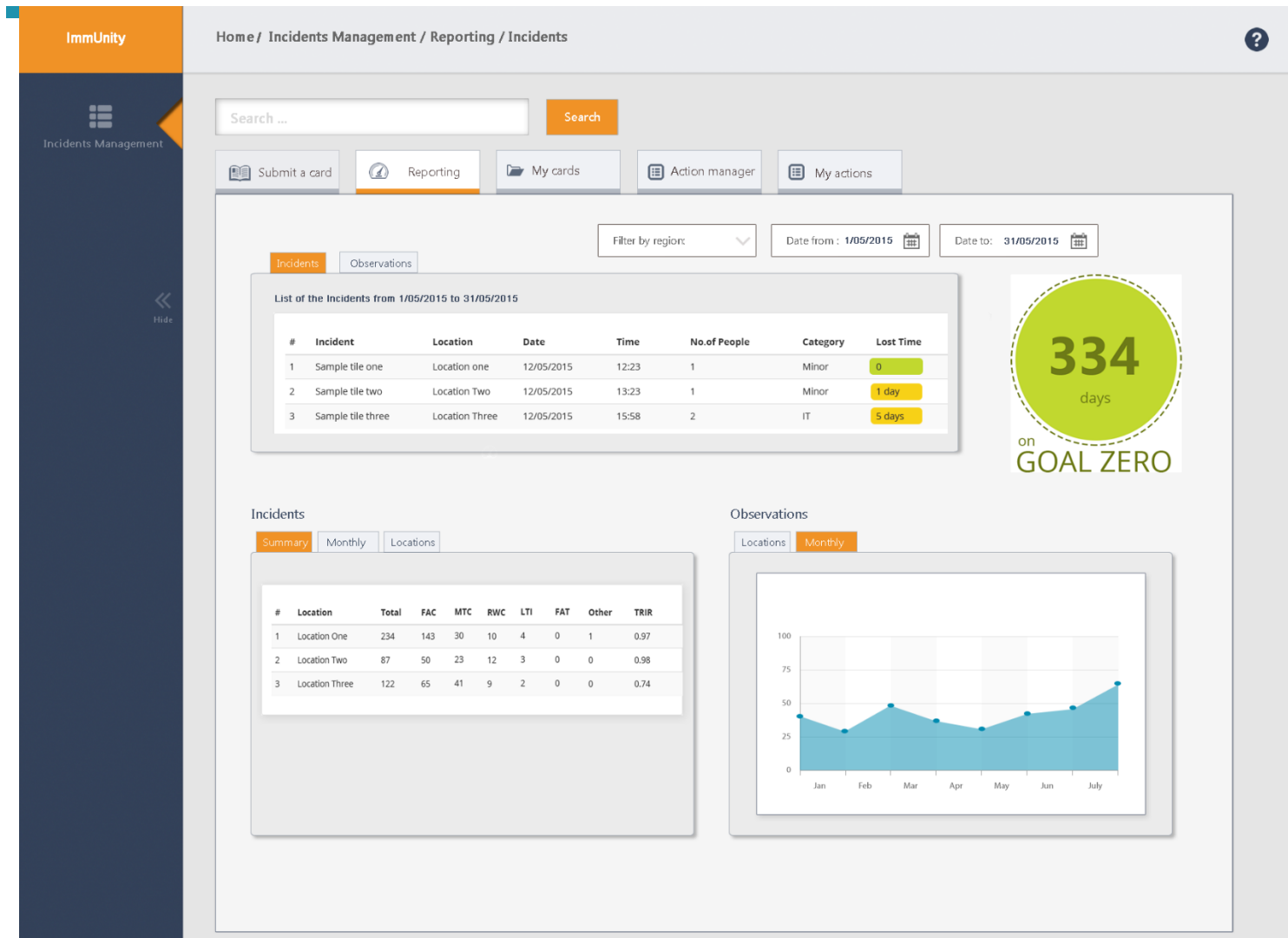
CASE STUDY 3

INCIDENT/RISK MANAGEMENT SYSTEM

Case Study Overview

- Excel file process to SharePoint 2010
- Duration: 8 Months
- Status: Active and planning for the next phase
- Users: Global
- Cost Savings: They were about to purchase an off the shelf system costing them approx. \$500k. They've realised that they will only use 50% or less of the system's functionality.
- Key: Tailor fitted for their requirements, the forms are simpler yet familiar, the supervisors and managers got the reports they need in real-time. The interface gave the users the info they need. Tracking is automated via the workflows.
- Main Challenge: The quick user uptake was unexpected , they are now facing archiving challenges.
- Main Success: The user uptake was quite high due to accessibility and most users found it easier to use.

Incident/Risk Management System



CASE STUDY 4

BUSINESS MANAGEMENT SYSTEM

Case Study Overview

- Agility to SharePoint O365 migration
- Duration: 6 Months
- Status: Active
- Users: UK
- Cost Savings: Derived from the decommissioning of Agility.
- Key: Simpler interface which changes based on user role
- Main Challenge: SharePoint was quite new to the company so the back-end support was straight to Microsoft. We were teaching them while we develop the solution. Main administrator was new and unfamiliar with their internal process.
- Main Success: It addressed the challenges they had with Agility, users prefer the simpler yet more informative interface and they can maintain the system internally.

Business Management System

InformUnity

Home /

Search for documents

?

Home

Corporate

HSE

Finance

Human Resources

Communication

Operations

Legal

BUSINESS MANAGEMENT SYSTEM

Human Resources

Finance

Corporate

Communication

Operations

Legal

IT

Information Management

Health and Safety

Recruitment

Process Name

Process Name

Process Name

Steps

Step 1: Identify Vacancy and Evaluate Need
Step 2: Develop Position Description
Step 3: Develop Recruitment Plan
Step 4: Select Search Committee
Step 5: Post Position and Implement Recruitment Plan
Step 6: Review Applicants and Develop Short List
Step 7: Conduct Interviews
Step 8: Select Hire
Step 9: Finalize Recruitment

Related Processes

IT: System Account Set-up
HSE: Induction

Step 2: Documents

#	Document Title	Author	Status	Type	Country	Function
1	Sample tile one	John Doe	Approved	Policy	UK	Human Resources
2	Sample tile two	John Doe	Approved	Template	UK	Finance
3	Sample tile three	John Doe	Under Review	Form	UK	IT

Disclaimer

Business Management System

InformUnity

Home / Operations

?

Home

Corporate

HSE

Finance

Human Resources

Communication

Operations

Legal

Search files...

Request document number

Document Types

All

Forms

Guidelines

Policies

Standards

Templates

Title

HSE&A Policy

Clothing Policy

Alcohol & Substance Misuse Guidance

General House Rules

Jewellery Policy

Knife Policy

Prohibited Items for Offshore Travel Policy

Adverse Weather Policy

Document name

Status

Owner

John Doe

John Doe

John Doe

John Doe

John Doe

John Doe

John Doe

John Doe

John Doe

Due for Review

Dec 2014

Dec 2014

Dec 2014

Dec 2014

Dec 2014

Dec 2014

Dec 2014

Dec 2014

Dec 2014

Disclaimer

LESSONS LEARNED



How the customer explained it



How the project leader understood it



How the analyst designed it



How the programmer wrote it



What the beta testers received



How the business consultant described it



How the project was documented



What operations installed



What the customer really needed

Lessons Learned

- Partner with a company/consultant that knows and has experience with how you want to extend SharePoint
- Use the power of use cases
- Use of Agile or hybrid project mgmt. methodology
- An effective user adoption strategy
- Use the Pareto 80/20 rule and keep customisations down to 20%. If you go above 20% you need to have a support strategy for your solution on top of the IT infrastructure support
- SharePoint will not create your processes.

THANK YOU