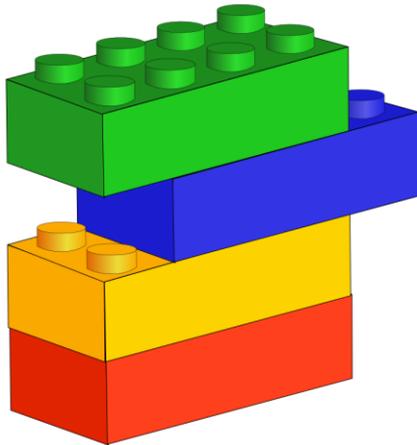


Extending SharePoint's Capabilities



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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

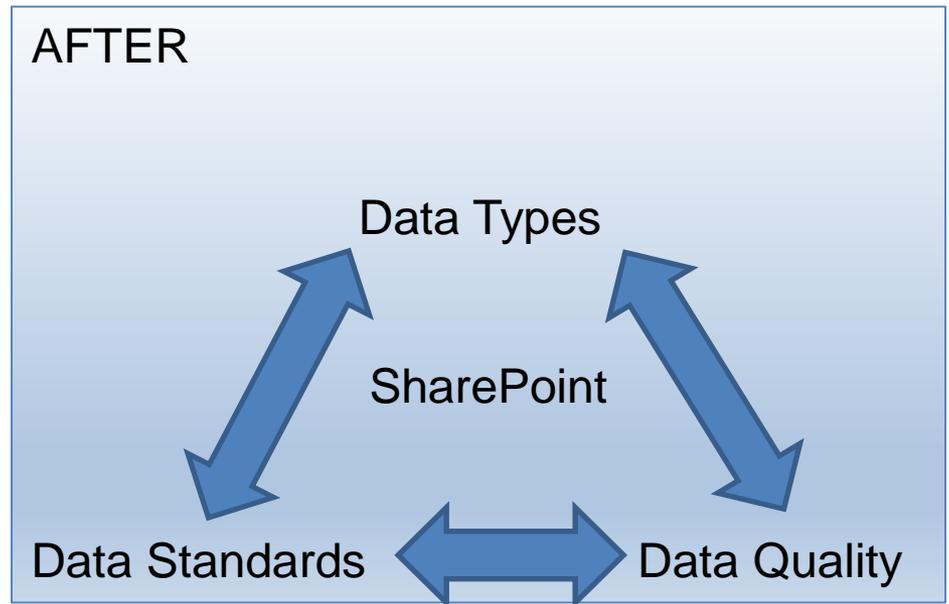
BEFORE

Data Types – Kept in Excel Files

Data Standards – Livelink/
SharePoint/ Shared Drives

Data Quality- IQM

AFTER



Data Management System

The screenshot displays the InformUnity Data Management System interface. The top navigation bar includes the InformUnity logo and the breadcrumb "Home / Data Standards". A search bar is present with the placeholder text "Search data standards..." and a "Search" button. Below the search bar are tabs for "Description", "Data Elements", "Repository", and "Data Rules".

On the left side, there is a sidebar with a "Data Standards" menu and a "Filter by:" dropdown. A "Save view" icon is also visible. The sidebar contains a list of data standards, including "Data Set name", "Data Class name", and "Data Class name".

The main content area is divided into two sections. The left section is a table with the following data:

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

The right section is a KPI dashboard. It features a "Current KPI" tab and a "KPI historical trend" tab. The status is "Approved". Below the status is a paragraph of Lorem ipsum text. The dashboard also includes a "Global KPI" section with a circular progress indicator showing 63%. A "Country KPI" section includes a legend for Africa, Europe, Americas, Asia, and Oceania, and a map of Africa with a color scale from 10 to 99. The map highlights Nigeria with a KPI of 50.

Data Management System

The screenshot displays the InformUnity Data Standards interface. The top navigation bar includes the InformUnity logo and the breadcrumb "Home / Data Standards". A search bar with the placeholder "Search data standards..." and a "Search" button is located at the top. Below the search bar, there are tabs for "Description", "Data Elements", "Repository", and "Data Rules". A "Filter by:" dropdown menu is also present. On the left sidebar, there is a "Data Standards" menu and a "Save view" button. A list of data rules is shown, with "Data rule two" selected. The main content area features a "Global KPI historical trend" chart for the year 2015, showing a line graph with data points for each month from January to July. The chart includes a title "Global KPI historical trend" and "Year: 2015". The y-axis ranges from 0 to 100, and the x-axis shows the months. The data points are approximately: Jan (35), Feb (25), Mar (45), Apr (30), May (25), Jun (40), and July (65). There are three horizontal dashed lines representing thresholds at approximately 35, 60, and 85.

Month	KPI Value
Jan	35
Feb	25
Mar	45
Apr	30
May	25
Jun	40
July	65

Data Management System

The screenshot shows the InformUnity Data Standards management interface. The top navigation bar includes the InformUnity logo and the breadcrumb 'Home / Data Standards'. A search bar is located at the top left, and a 'Filter by:' dropdown is below it. The main content area features four tabs: 'Description', 'Data Elements', 'Repository', and 'Data Quality'. The 'Repository' tab is active, displaying a table of data standards. The table has columns for '#', 'Document Title', 'DDO', 'DVO', 'Status', 'Type', and 'Country'. The 'Status' column contains values like 'Approved' and 'Work in Progress'. A sidebar on the left contains a 'Data Standards' menu and a 'Save view' option.

Home / Data Standards

Search data standards... Search

Filter by: ▾

Save view

- ▣ Data Set name
 - Data Class one
- ▣ Data Class name

Hide

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

The screenshot displays the Asset Data Portal interface. At the top, there is a navigation bar with 'Assets' on the left and 'Home /' on the right, along with a help icon. Below the navigation bar, a breadcrumb trail shows 'North Sea' and 'Asset one | Asset Two | Asset Three'. The main content area is divided into three sections:

- Map:** A satellite map of the North Sea region. A callout box for 'Asset one' displays: 'Country: UK', 'Current Status: Production' (in a green box), and 'Barrels per day: 8204'. Three other asset locations are marked with orange pins and labeled 'Asset name'.
- Asset one Data Center:** A vertical list of data center categories, each with a dropdown arrow and a 'Link' button:
 - HSE (dropdown arrow up): 3 Link buttons
 - HSE (dropdown arrow down)
 - WELL (dropdown arrow down)
 - PRODUCTION (dropdown arrow down)
 - CORE, FLUID, PRESSURE (dropdown arrow down)
 - GEOLOGY, GEO PHYSICS (dropdown arrow down)
 - MODELLING (dropdown arrow down)
 - CHEMISTRY (dropdown arrow down)
 - TEAM & FIELD (dropdown arrow down)
- Quick Links:** A section with a support contact card and three utility buttons:
 - Support:** John Doe, 0555-555-555, john.doe@domain.com
 - Critical Documents:** Folder icon, right arrow
 - Register:** Document icon, right arrow
 - Toolkit:** Wrench icon, right arrow

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.

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 ?

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	Status	Owner	Due for Review
HSE&A Policy	Red	John Doe	Dec 2014
Clothing Policy	Orange	John Doe	Dec 2014
Alcohol & Substance Misuse Guidance	Yellow	John Doe	Dec 2014
General House Rules	Light Green	John Doe	Dec 2014
Jewellery Policy	Green	John Doe	Dec 2014
Knife Policy	Light Green	John Doe	Dec 2014
Prohibited Items for Offshore Travel Policy	Green	John Doe	Dec 2014
Adverse Weather Policy	Light Green	John Doe	Dec 2014
Document name	Light Green	John Doe	Dec 2014

Disclaimer

LESSONS LEARNED



How the customer explained it



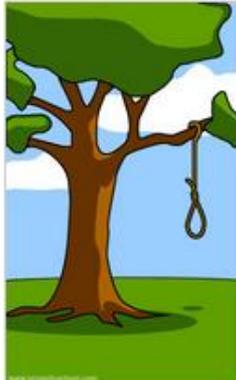
How the project leader understood it



How the analyst designed it



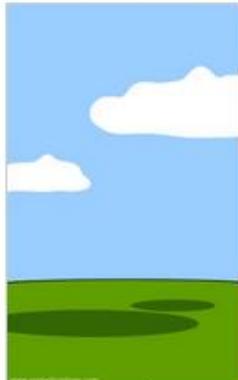
How the programmer wrote it



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