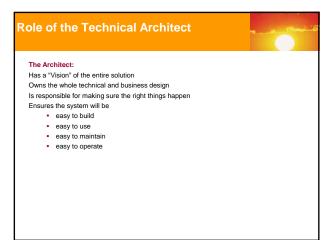
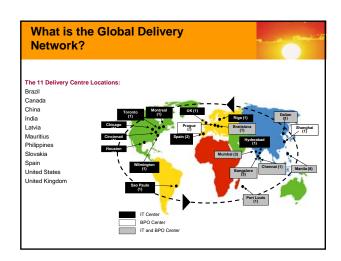


Introduction Management/Technology Consulting Business Context and Systems Integration Importance of Methodology Project Organisation Project Phases Questions

Presenter Andrew Hewitt Graduated Edinburgh University in 2001 BEng Chemical Engineering Accenture Career (almost 8 years!) Manager in the Technical Architecture group with the Global Delivery Network 2 years on a CRM project for a Utility Client Design, Build, Test, Application Support 1 year on a Data Centre upgrade for a Utility Client New DC build, Cross Site Clustering, DR/HA testing 0.5 years DC strategy for an Upstream Gas Client Consolidation of global DC footprint, virtualisation, DR/HA 4 years Technical Architect/Project Manager for Oil Client Landscape, Environment and Capacity Management Desktop and DC Infrastructure, Site Readiness







Management/Technology Consulting What is it actually about?

The worldwide market for consultancy is currently worth over \$100 billion having grown from less than \$10 billion over the last decade. The UK consulting market is the largest outside the US with a current value of around £10bn.



In its simplest form, consulting is about supporting businesses (and governments) to perform at the highest levels so that they can create sustainable value for their customers and shareholders ...



Business Challenges faced by a Petrol Forecourt Retailer

The different types of solutions used to help deal with these challenges,

could be categorised as follows:

Analyse which fuels offer the best margins, develop business case for expansion and whether to buy more petrol stations and sell non fuel goods e.g. coffee

Developing new systems to capture and manage large amounts of sales and customer data

nance and Performance Management (F&PM):
Ensure the price remains competitive and decide what fuels to sell and whether to sell non fuel items.

Handing over key back office tasks to 3rd parties e.g. HR, payroll etc

SI Example - DIAGEO

DIAGEO

Systems Integration



Background:

Diageo is the world's leading premium drinks business, trading in 180 countries. Its alcohol brands include Smirnoff, Guinness, Johnnie Walker and Bailevs

Business Challenge:

- Rapid expansion has seen Diageo become the world's largest premium drinks supplier and significant growth from new acquisitions meant that the company inherited incompatible information systems and business processes.
- Accenture has been working with Diageo to develop the next generation of SAP functionality for use worldwide. The client's SAP systems and business processes have been integrated creating a framework of global processes and toolkits known as the "Common Template," which is now used to deliver process consistency and efficiency across Diageo's business units.
- In addition, Accenture is also responsible for the ongoing development and support of Diageo's electronic services, providing powerful new Web-based tools that enable business users to manage their own website content.

Agenda

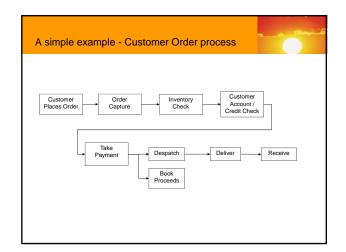
- Introduction
- Management/Technology Consulting

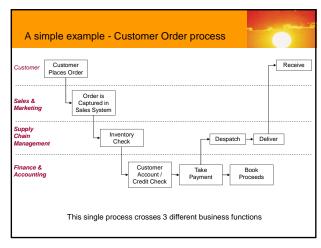
Business Context and Systems Integration

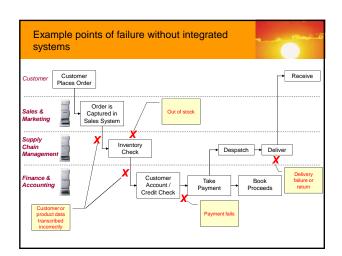
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- **Project Organisation**
- Project Phases
- Questions

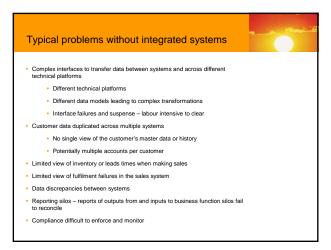
Business Processes versus Business Functions

- · A typical business will have the following business functions:
 - Sales and Marketing marketing and advertising, sales forecasting, sales order capture, customer relationship management (CRM)
 - Supply Change Management purchasing raw materials, manufacturing, logistics
 - Accounting & Finance budgeting, accounts payable and receivable, financial accounting, treasury.
 - Human Resources recruiting, training, payroll, career management
- However, the activities within a business are completed via the end to end execution of a business process, e.g.:
 - . Customer order, from capture to receipt of payment and fulfilment
 - Materials order, from placement to receipt and payment

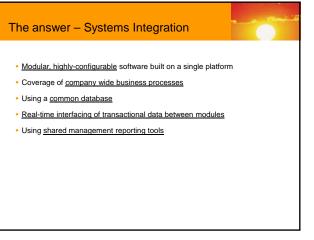


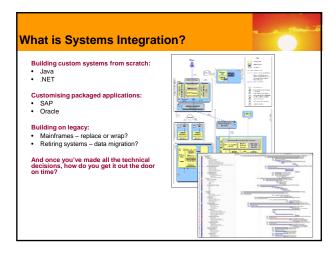


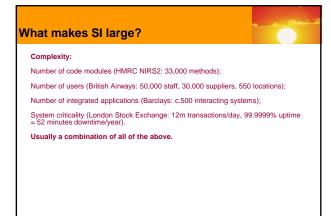




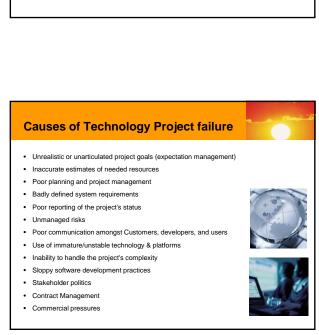
Example problems without integrated systems A large utility company 35+ days to interface new supplies between sales and billing systems Customers with multiple accounts across gas and electricity billing systems Debt follow-up in error Dual fuel discount Up to 5 million meter reads in suspense at any one time A major UK high street bank Interfacing complexity between legacy systems and Finance system led to 6 month project delay

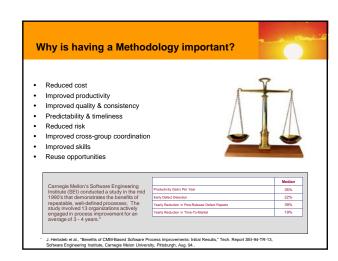


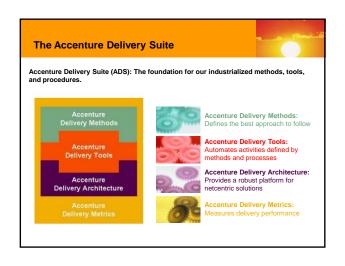


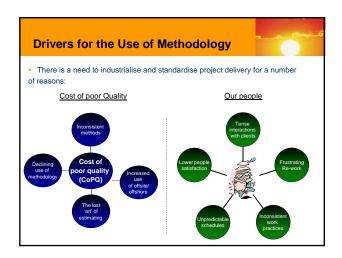


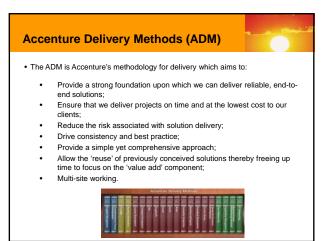


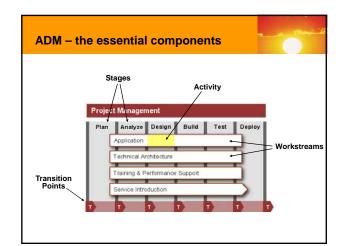


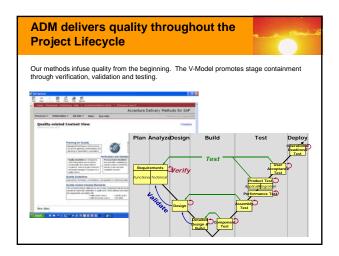


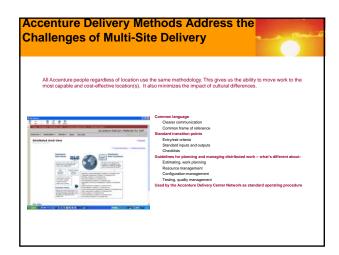


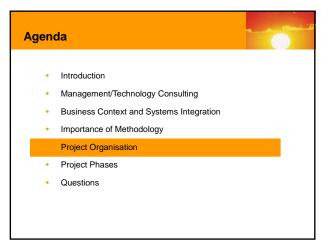


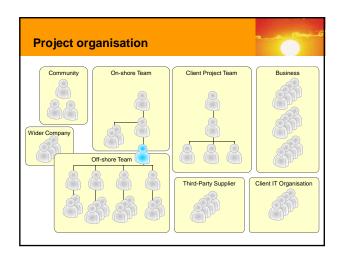


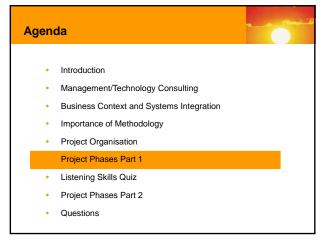


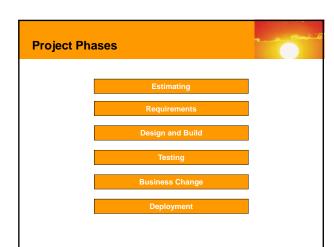


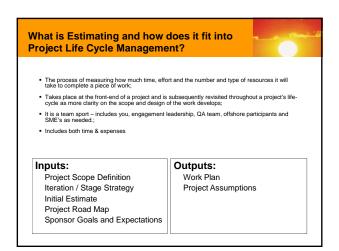


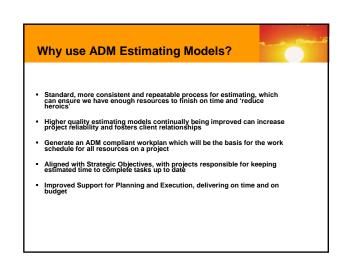


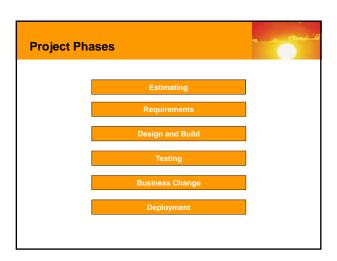












Requirements' Gathering

What Do We Do This For?

• To define what the business needs are that will have to be implemented into the technical solution.

How Do We Achieve This?

We talk to various people in the business, individually or in focus groups, to gain a better understanding.

- Business Stakeholders
- Fraud, Security and Risk
- Legal
- Users and their supervisors to understand what they do and how they do it
- Other areas of the business such as online and call centre

Why Do We Do This?

- To understand the future vision of the business and incorporate this into the solution
- . To minimise risk and uphold business security
- To ensure legal requirements are not breached
 To understand the end user experience and how the processes could be made more efficient
- To ensure the processes are aligned and the customer experience is consistent

The requirement gathering process

- Key component within any application design & build is the appropriate gathering of requirements;
- Functional & Non-Functional Requirements (NFR);
- Business Requirements & System Requirements;
- Scope creep / deferral / staging;
- · Requirement prioritisation activities;
- · Business benefit analysis:
- Issue / risk logs;
- Change control process.
- Discussion: What impact can the incorrect definition of



What is Requirements Management?

Definition of Requirements

It is important to understand that requirements are all about "what" is needed, not about precisely "how" it will be delivered.

What requirements ARE?

- Requirements are inclusive of the functions we expect a system to be able to perform and the level of performance desired from those functions.**
- Requirements are used to define both business and system needs
- A requirement is a "condition or capability needed by a user to solve a problem or achieve an objective."**

What requirements ARE NOT?

Requirements are not exact specifications regarding how a function will be implemented. This is the kind of detail provided in a design spec.

** Source: Institute of Electrical and Electronics Engineers-610

Why Requirements Management? Distribution of Defects Studies have shown that a higher ratio of defects can be attributed to requirements when a formal requirements management process is not defined. Project without formal requirement process Project with formal requirement process Design 34%

Why Requirements Management? **Risk Mitigation** In addition, requirements-related defects are typically much more expensive to remedy: Research shows that: 82% of rework efforts are focused on correcting requirements defects 13% is spent on fixing design errors Only 1% is spent on fixing coding errors Cost overruns – Planning, estimating, and change control can be significantly improved helping project teams avoid unnecessary cost overruns. Source: "Borland: Best Practices for Requirements Development & Management & Manage

Agenda Introduction Management/Technology Consulting Business Context and Systems Integration Importance of Methodology Project Organisation Project Phases Part 1 Listening Skills Quiz Project Phases Part 2 Questions

Listening Skills Quiz

How good do you think your listening skills are?

Let's see.....with a quick quiz

Question 1

You are participating in a race. You overtake the 2nd person. What position are you in?

Question 2

You are participating in the same race - if you overtake the last person, then you are...?

Question 3

Take 1000 and add 40 to it. Now add another 1000. Now add 30. Add another 1000. Now add 20. Now add another 1000. Now add 10. What is the total?

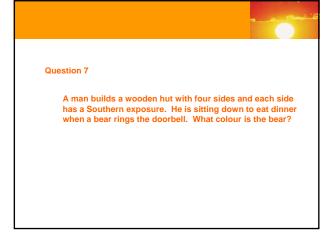
Question 4

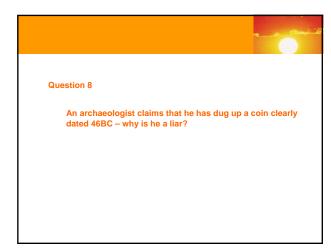
Mary's father has five daughters, Nana, Nene, Nini, Nono. What is the name of the fifth?

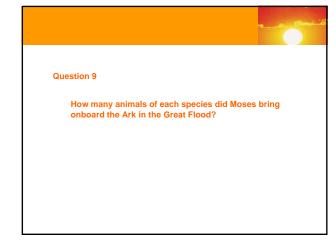
Question 5

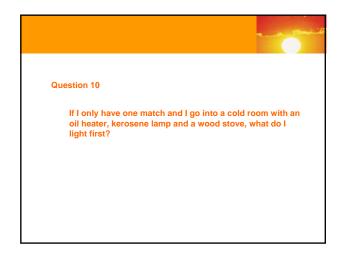
Is there any law against a man marrying his widow's sister?

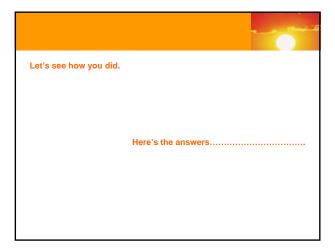
Question 6 If an international aeroplane should crash on the exact border between two countries and there are unidentified survivors. In which country should they be buried? – The country they were travelling to, or, the country they were travelling from.











Question 1

You are participating in a race. You overtake the 2nd person. What position are you in?

Answe

If you overtake the second person and you take his place, you are second!

Question 2

You are participating in the same race - if you overtake the last person, then you are...?

Answe

You cannot overtake the last person.

Question 3

Take 1000 and add 40 to it. Now add another 1000. Now add 30. Add another 1000. Now add 20. Now add another 1000. Now add 10. What is the total?

Answe

The correct answer is actually 4100

Question 4

Mary's father has five daughters, Nana, Nene, Nini, Nono. What is the name of the fifth?

Answer

The fifth daughter's name is Mary.

Question 5

Is there any law against a man marrying his widow's sister?

Answer

The man would be dead if he had a widow.

Question 6

If an international aeroplane should crash on the exact border between two countries and there are unidentified survivors. In which country should they be buried? – The country they were travelling to, or, the country they were travelling from.

Answei

You would not bury survivors

Question 7

A man builds a wooden hut with four sides and each side has a Southern exposure. He is sitting down to eat dinner when a bear rings the doorbell. What colour is the bear?

Answer

The hut must be at the North Pole so the bear would be white

Question 8

An archaeologist claims that he has dug up a coin clearly dated 46BC – why is he a liar?

The term BC was not known in 46 BC

Question 9

How many animals of each species did Moses bring onboard the Ark in the Great Flood?

Answer

Moses did not have an Ark

Question 10

If I only have one match and I go into a cold room with an oil heater, kerosene lamp and a wood stove, what do I light first?

Answer

The match

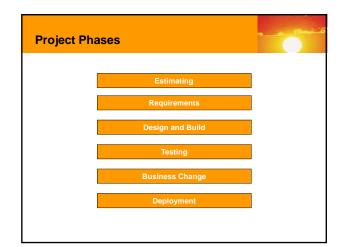
- How did you do?
- Did you score more than 6?
- Did you only take in what you expected to hear?
- Did you make assumptions rather than listening to all the information?
- Did you pick out the 'usual' information?

Agenda

- Introduction
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- Project Phases Part 1
- Listening Skills Quiz

Project Phases Part 2

Questions



Design and Build

What Do We Do This For?

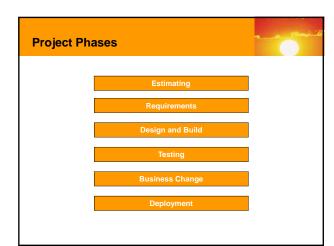
To design and build the solution based on the business requirements that have been defined.

How Do We Achieve This?

- Review the requirements
- Document at a high level how the solution will work
- · Document at a lower level how the solution will work
- · Build the solution

Why Do We Do This?

- To define how long the build will take and the associated cost
- To detail how the solution will work for business approval
- To deliver a solution that meets the business and user needs



Testing

What Do We Do This For?

- To ensure there are no 'defects' in the solution that need fixing
- To deliver a seamless solution to the end user

How Do We Achieve This?

- Two major phases of testing
- FAT (Functional Acceptance Test)
- UAT (User Acceptance Test)
- Write Test Requirements including the individual steps a tester will have to complete in the system to meet the requirement
- Write Data Requirements to ensure that the mock data is available in order to complete the test scripts
 Create an environment, in which testing can take place. This will contain all the Mobile Numbers, customers and scenarios that need testing

- FAT To ensure that the system works as it should do based on the original business requirements from a technical standpoint

 UAT To ensure that the system works as it should do based on the original business requirements from a user perspective

Project Phases

Business Change - Training

What Do We Do This For?

• To teach Retail employees how to use the new solution once it is available in stores

How Do We Achieve This?

- Create a detailed Training Needs Analysis ie. What the training will have to achieve, in this case it will have to teach them how to use the new system to sell a handset for example

 • Write a Training Approach – how we opt to train the employees
- Create a Training Plan of what will happen when
- Evaluate how long it will take for the employees to become competent in the new solution
- · Launch and conduct the training

Why Do We Do This?

- To ensure the employees use the new system
- To ensure the employees can use the system correctly

