



OCS Consulting

Remote Data Querying

by

Richard Underwood

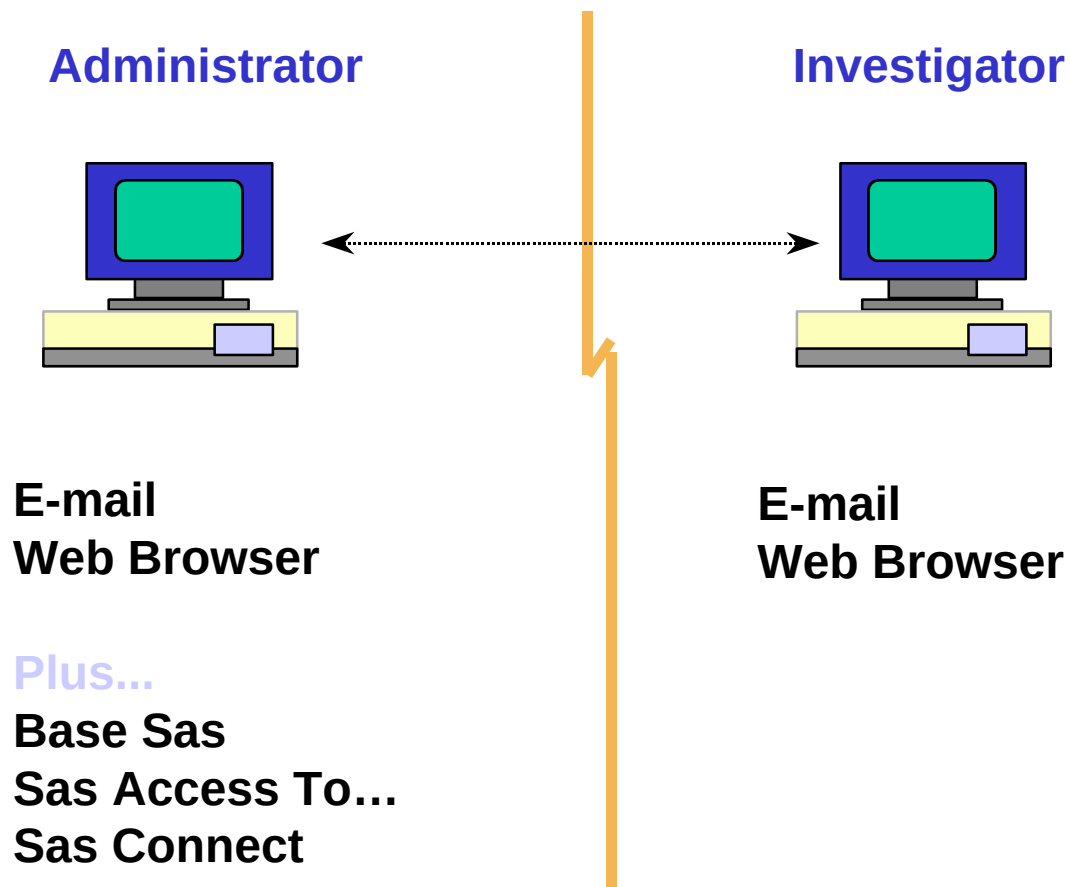
OCS Consulting
26th September 2001



OCS Consulting

Remote Data Querying (RDQ)

- Using the web to send clinical information.





OCS Consulting

The Agenda

- What happens now?
- RDQ Development Lifecycle
- The RDQ solution
- RDQ Overview
- The RDQ system
- Problems
- The Demo
- Questions.

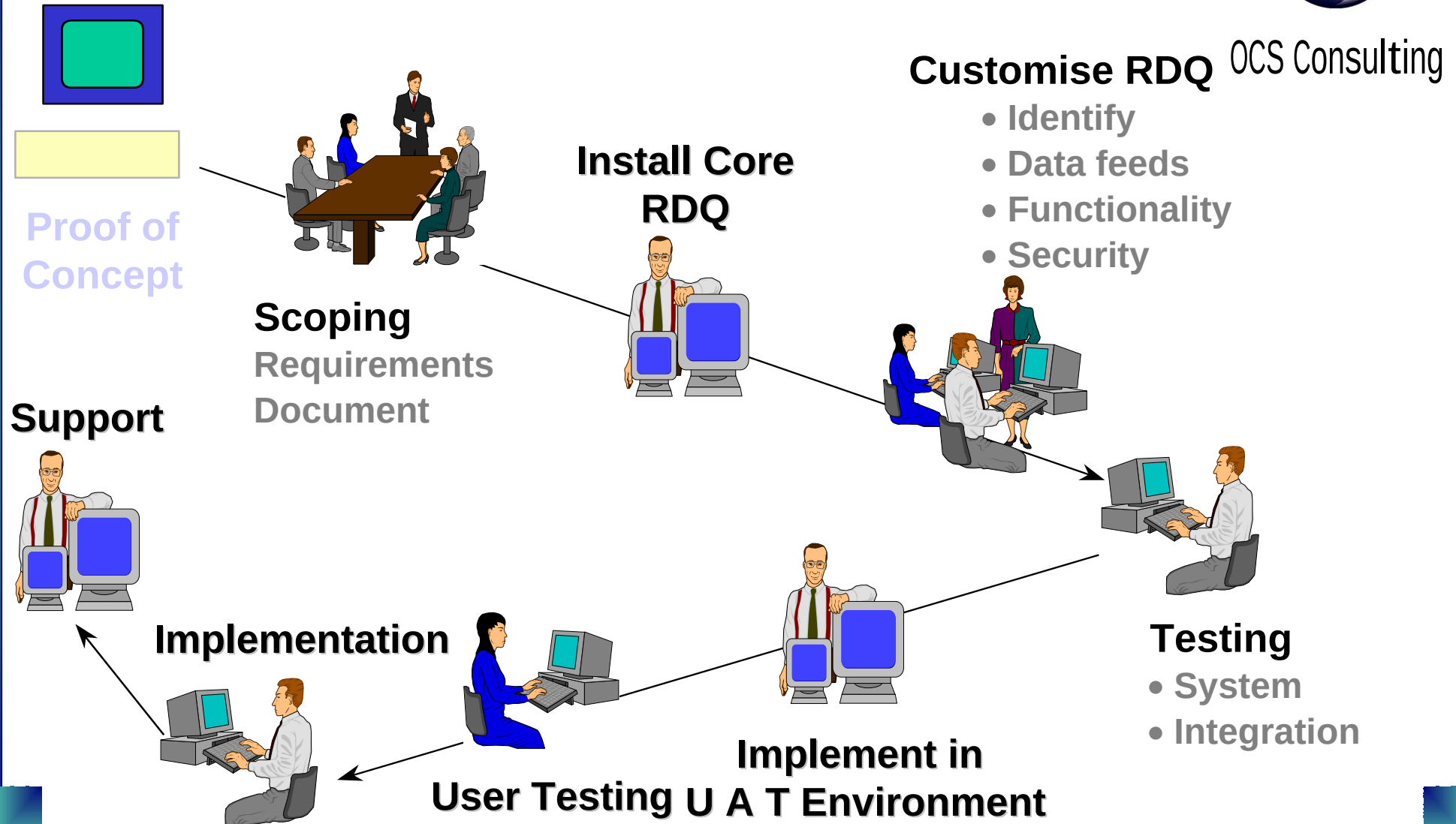


OCS Consulting

The Current Approach

- **Current approach to resolving data queries**
 - Validation routines generate queries
 - Queries written on standard form
 - Form sent to investigator by facsimile/post
 - Investigator responds by facsimile/post.
- **Disadvantages of this system**
 - Slow and expensive
 - Human Error?
 - Average response time to query 1 day – 1 week
 - Average cost per resolution/query is £100.00
 - Rely on postal system/facsimile.

RDQ Development Lifecycle





OCS Consulting

The RDQ Solution

- **The RDQ solution:**
 - Builds on existing validation systems
 - Speeds up query resolution
 - Cost-effective
 - Easy to use
 - Supports additional functionality
 - Remote access
 - Latest SAS web technology.



OCS Consulting

RDQ Overview

- **Monitoring program**
 - Check database
 - Create HTML page/notify investigator
 - Resolution.
- **Investigator**
- **System administrator.**



OCS Consulting

Checking the Database

- **Checking the database**
 - Check the data for each patient
 - Produce a list of queries for each patient
 - Query already raised ?
 - Temporary query table.
- **Pass query to HTML generator.**



OCS Consulting

Creating / Sending The Email

- **The HTML generator**
 - Type of query page
 - History of query
 - Create the HTML page.
- **Send to the investigator.**



OCS Consulting

Resolving The Query

- Query resolution
- Investigator returns HTML page with resolutions
- Monitoring program generates appropriate flags
- Query dataset
- Updating database.

Problems



OCS Consulting

- **Shortcomings of the application as it is**
- **Improving the application.**

The Demo

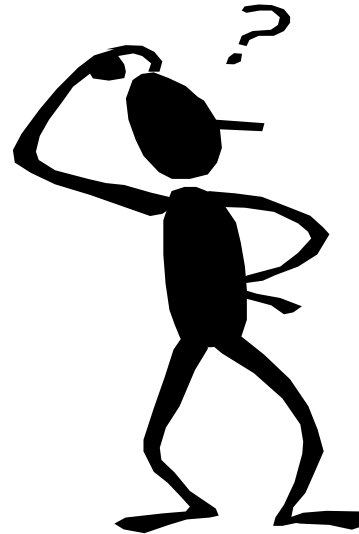


OCS Consulting

Questions



OCS Consulting



For further details regarding the presentation:

- e-mail:
 - **info@ocs-consulting.com**
- Visit the OCS web-site: **www.ocs-consulting.com**