



A Supplier's Perspective from Indigo 4

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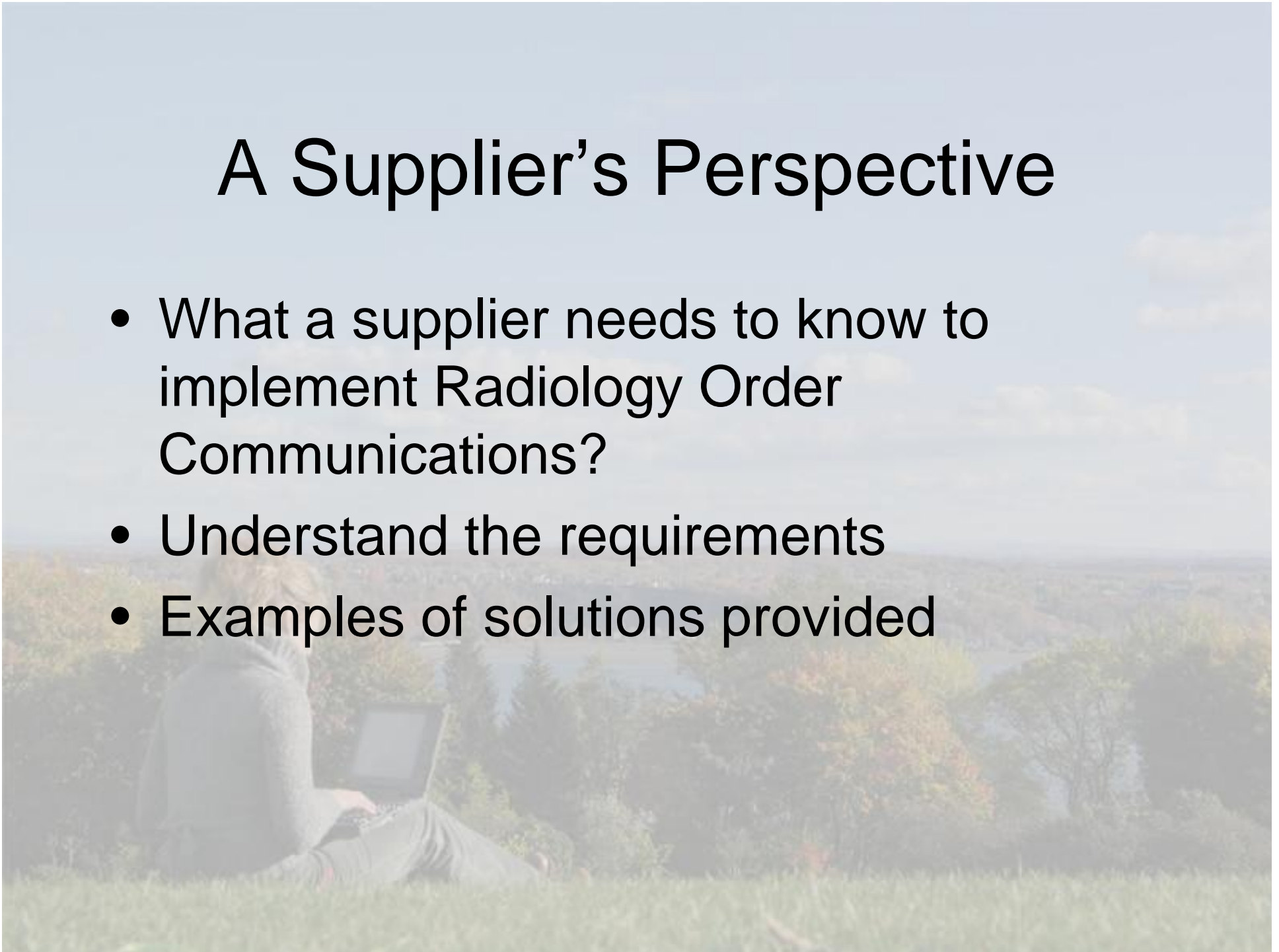
The UK PACS and
Teleradiology Group Spring
2009 Meeting Friday 6th
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Indigo 4 Systems

- Formed in 1997
- Based in Sheffield
- Leading supplier to over 120 organisations
 - Order communications and Structured messaging for CDS, PMIP etc.
- Partnerships
 - LSPs, Departmental & GP System Suppliers, other NHS provider organisations
- ISO 9001:2000 Certified Company

A Supplier's Perspective

- What a supplier needs to know to implement Radiology Order Communications?
- Understand the requirements
- Examples of solutions provided



A Supplier's Perspective

- One size fits all?
- Software versus Solution
- Partnership



Radiology Order Communication Implementation

Areas to Specify

- Integration with other systems
- Configuration of 'Investigations'
- Vetting of Requests
- Configuration of the department
- How and where the patient presents
- Management of DNAs

Examples of Solutions



Example 1

- GP Order Communications
 - Walk-in procedures
 - Multiple clinics
 - Not all investigations can be offered at each site
 - The patient must present with a letter
 - What happens if they have lost the letter?
 - If they have, what data items must a receptionist enter to retrieve the order
 - What data do you want adding to the order when the patient presents

Indigo 4 - Check-in



Current Clinic: Barnet

Enter appointment number

First Name

Family Name

Date of Birth (dd/mm/yyyy)

Sex

Postcode

Indigo 4 - Check-in



Current Clinic: Barnet

Patient	Bloggs, Joey
Date of Birth	12/04/1940
Sex	M
Address	The Mansion 11 Oak Grove Meersbrook Leeds West Yorkshire LS4 5ZZ

Medical Records Number	
GP	Dr Robert Johnson
Practice	Emis Practice
Request Date	Monday, 03 November 2008

Requested Items	XR Hip Lt
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Example 2 - Vetting

- RIS systems has the ability to vet requests, but the Department didn't want to use it
- They did want:-
 - a system where requests and individual items could be vetted
 - options for retrieval, searching and viewing
 - to be able to build lists of requests and pass requests to colleagues

Example 3

- Secondary Care Radiology requesting, lots of Investigations
- We wanted a tailored approach to navigating radiology as apposed to pathology investigations
- A number of alternatives were considered

Patient	Request	Order	
	Angiograph ->	Arm ->	XR Ankle ->
	CT ->	Head ->	XR Calcaneus ->
	Endoscopic procedure ->	Leg ->	XR Femur ->
	Fluoroscopic diagnostic tests ->	Torso ->	XR Foot ->
	MRA ->		XR Forefoot ->
	MRI ->		XR Hindfoot ->
	Ophthalmology ->		XR Hip ->
	Plain film, including mammography ->		XR Knee ->
	Ultrasound ->		XR Leg length measurement ->
			XR Midfoot ->
			XR Patella ->
			XR Subtalar joint ->
			XR Toe great ->
			XR Toes ->
			XR Hip Both
			XR Hip Lt
			XR Hip Rt

- ↳ Plain film, including mammography
- ↳ Leg
- ↳ XR Hip
- ↳ XR Hip Both

Close

In Summary

- The success of any project relies on
 - The client and supplier working together to fully understand the local needs
 - A detailed specification of the requirements is agreed and signed off
 - Discussions with potential suppliers should start well in advance of any tender process
- And mostly important to us, it is creating a long term partnership between your department and your supplier

Thank you

Any Questions



www.indigo4.com