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**ANSA Phase III**

**F3 task approval slides**

**Mike Beasley**

**Abstract**

This document contains the slides for the presentation seeking approval of the F3 deliverable at the TC on 6/7 December 1994.

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APM.1369.00.01

**Draft**

8th December 1994

Request for Comments (confidential to ANSA consortium for 2 years)

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# **F3 Task**

## **Deliverable Report**

**December 6, 1994**

**Mike Beasley (ICL secondee)**  
**Federation Group**



## Contents of deliverable

- **APM.1280 F3 Overview**
  - overview of the whole deliverable
- **APM.1140 A Designer's Introduction To Trading**
  - model which helps us to understand trading
- **APM.1229 Information Model for Federation**
  - information required to describe services
- **APM.1177 The Property Repository**
  - specification and design of the MatchMaker service
- **MatchMaker prototype**
  - demonstrated at last TC



## Comments last time from ...

- **Dave Stringer, BNR**
- **Jonathan Legh-Smith, BT**
- **Neil Mason, GPT**

## Comments this time from ...

- **Neil Mason, GPT**



## Changes made

- **APM.1280 None**
- **APM.1140 Restructuring**
  - process/information/configuration/implementation - more coherence
  - trading/binding/interception chapter removed (in new documents)
- **APM.1229 Overview and summaries**
  - new overview of information required in service specifications
  - summary of information derived in each chapter
- **APM.1177 Major restructuring**
  - requirements, specification, design in that order
  - reasons for decisions (e.g. why RDBMS)
  - more detail of database tables



## Development of MatchMaker prototype

- **More use of metadata**
- **Easier access to properties**
- **Old Trader 'select' can return non-Orbix object references**
- **Old Trader interface can return all properties**
- **Better wildcard support**
- **Better support for monitored offers**
- **Orbix 1.3 beta (shared libraries) - better performance**



## Future Work

- **Interception**
  - repository accessible from ANSAware via gateway
  - repository holds information to set up interception
- **CORBA and WWW**
  - repository holds URLs or equivalent, as object references



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# 1 Notes for F3 presentation

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## 1.1 Slide 1

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Nothing.

## 1.2 Slide 2

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APM.1280 is simply an overview of the whole deliverable.

APM.1140 discusses trading in the context of setting up the co-operation between objects in distributed systems. Particularly large scale, boundaries and authorities. Result is a new model of trading.

APM.1229 is concerned with the sort of information which is needed to describe services. Such information can be stored in a repository. The model is concerned with behaviour in addition to interface definitions.

APM.1177 presents the requirements, specification and design of the MatchMaker prototype (as demonstrated at the last TC).

## 1.3 Slide 3

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Not getting many comments this time. Neil's comments are minor editorial ones. Jonathan Legh-Smith seems happy with what we are doing. Dave Stringer is quiet.

## 1.4 Slide 4

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Structure of 1140 now goes:

process view, information view, configuration view, implementation view.

enterprise issues such as performance and security.

paper more coherent.

trading/co-operation chapter in another document.

## 1.5 Slide 5

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I should be able to talk about this ! Must say that the CORBA/WWW work was a driver for much of this.

## 1.6 Slide 6

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Not much to say here.

