

APM Ltd

ANSAworks UPDATE

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<http://www.ansa.co.uk>



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ANSA Works Intro 1

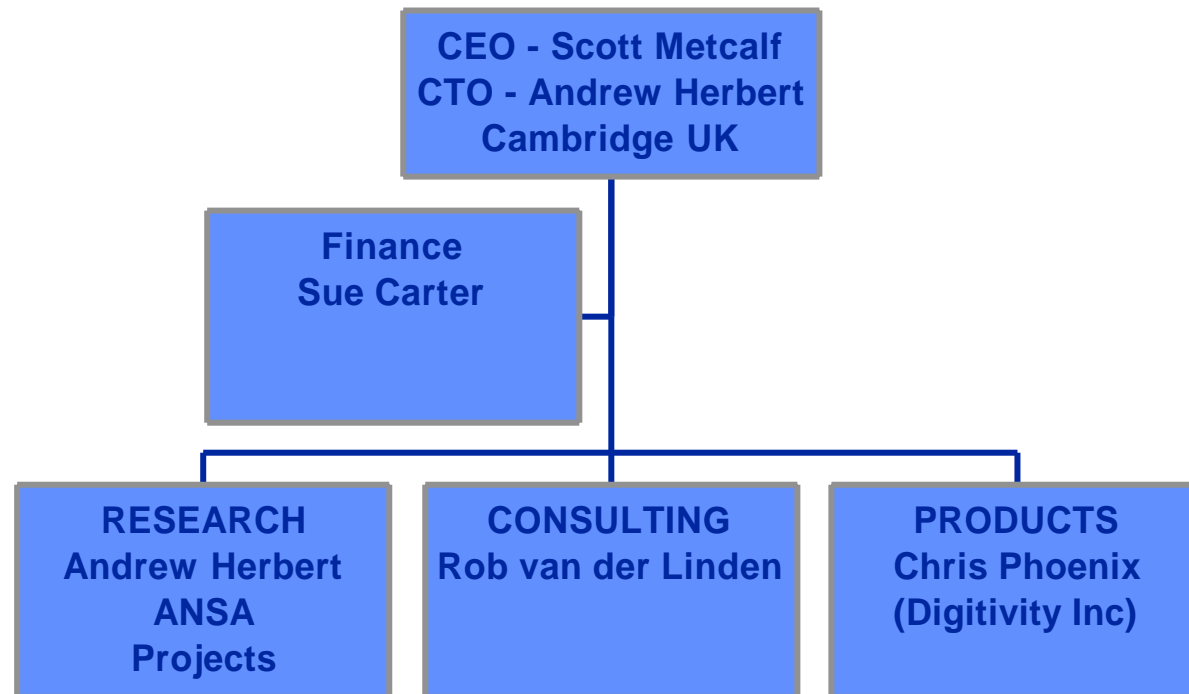
1996 - A year of change

- **New subsidiary Digitivity created**
 - to make software products
- **Scott Metcalf joins APM as CEO**
- **Chris Phoenix joins as VP Products**
- **Mike Eyre retires**

- **Corporate focus on Java deployment in Internet electronic commerce**



New Organization



Corporate History

- **1985: Alvey Advanced Networked Systems Architecture Project**
 - **UK government funded laboratory**
- **1988: Architecture Projects Management Ltd**
 - **ESPRIT ISA follow on to Alvey**
 - **Started consulting**
- **1993: APM Ltd**
 - **to reflect broader scope**
- **1997: Digitivity subsidiary started to develop products**
 - **raised £3.5M private investment**



ANSA

- **Foundation of the company**
- **Architecture for Open Distributed Processing**
- **Shared pre-competitive research between vendors and users**
 - results: investigations, predictions, prototypes
 - benefits: insight, standards, reduced risk
- **Impact**
 - contributed to OSF DCE definition
 - major contributor to OMG ORB and Object Services
 - ISO / ITU Reference Model for ODP



ANSA Today

- **Sponsors:**

- BT, DRA, France Telecom, Fujitsu, GEC, GPT, ICL

- **Focus**

- CORBA, Java, Internet
- deployment of mobile components across enterprise boundaries

- **DIMMA** - real-time ORB with multimedia support

- **FlexiNet** - architecture for component-oriented middleware

- **FollowMe** - systems architecture for mobile agents



Related Projects

- **E2S Internet End-to-end security**
 - Secure electronic commerce with HP, Visa, Swiss Bank
 - Key management, secure transactions
- **RETINA**
 - Telecoms Object Request Broker
 - Real-time, multi-media streams handling
- **DCAN**
 - Distributed control of lightweight ATM networks
- **PEGASUS**
 - Resource management for mobile applications
- **TRENDS**
 - Road traffic information systems



Consulting

- **Leverage core skills**
 - Architecture, CORBA, Java, security, electronic commerce, telecoms infrastructure
- **Services:**
 - Technology strategy guidance
 - System design and review
 - Pilot implementations, proof of concept demos
 - Technology development
 - Training



Examples

- **Cybernames (Bellcore)**
 - context sensitive directory service
- **C3I systems modelling**
- **Secure RMI and IIOP for Java**
- **Electronic payment systems modelling (consortium of US banks)**

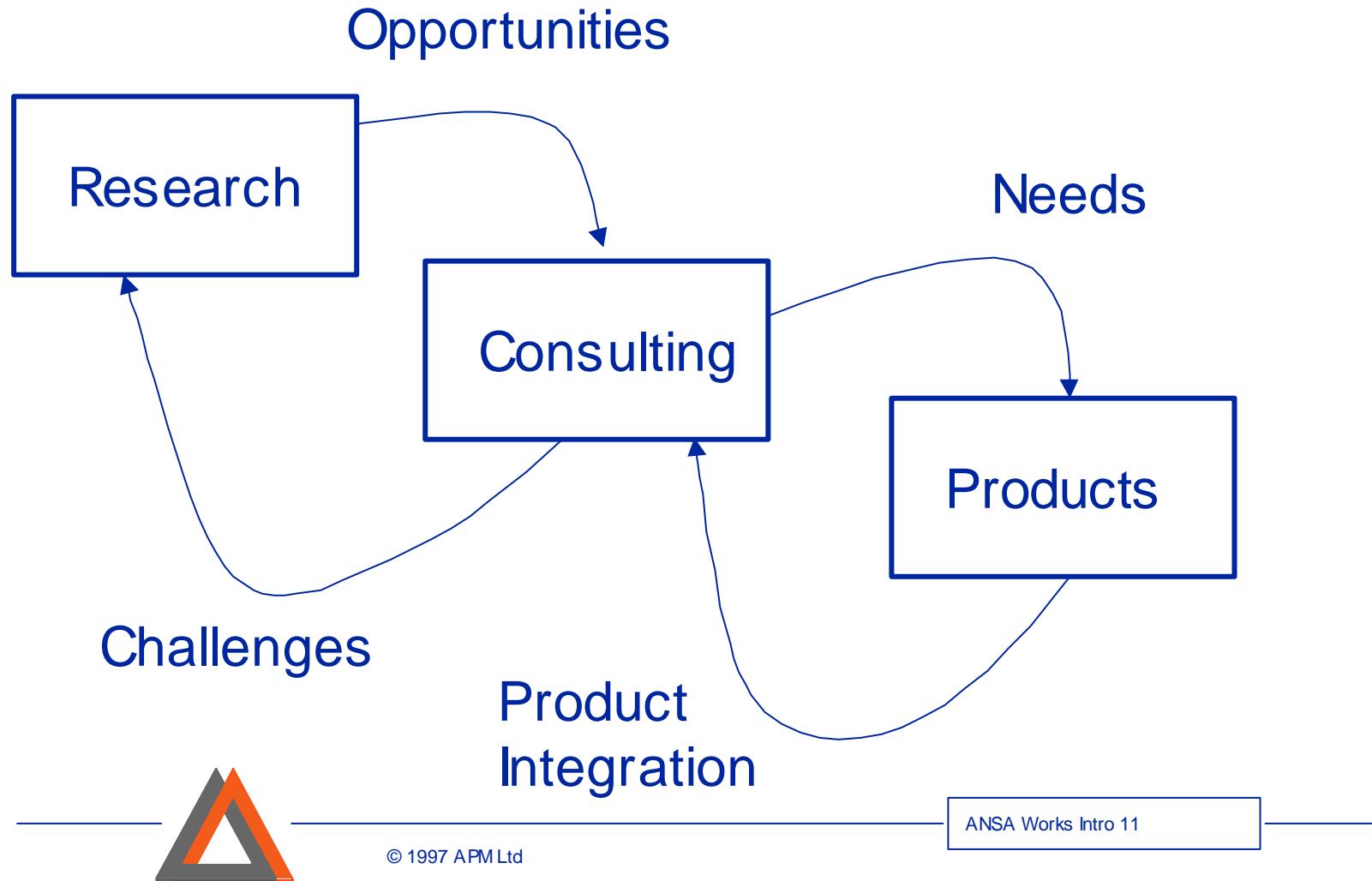


Products

- **Digitivity brand - www.digitivity.com**
- **Application Management System for enterprise Java applications**
 - **CAGE** - transparently secure intranets against external Java
 - **POLICY CAGE** - route Java applications to Java servers according to central policy
 - **ENTERPRISE CAGE** - controlled bridges to legacy applications and data



The APM Pipeline



Statistics

- **Staff**
 - **Corporate: 8**
 - **Research Group 6**
 - **Consulting Group 10**
 - **Products Group 30**
- **Offices: Cambridge UK, Los Altos CA**
- **APM Ltd registered in UK, owns Digitivity Inc registered in USA**



Associates

- **We lost Billy and Donna in the changes, but we are back on-line again**
- **Prototypes**
 - **DIMMA, Quartz, Reflective-Java**
- **Reports**
 - **ANSA Reports up to spring**
- **On ftp server**



Object Lab

- Quartz on server
- Object Monitor now ready
- Too small to do a viable large project
 - treat as associates for rest of membership period.



This Workshop

- **Describe the prototypes on the file server**
 - Quartz, Reflective Java, DIMMA, ObjectMonitor
- **Taster of current ANSA**
 - FlexiNet, FollowMe
- **Talk about secure electronic commerce**
 - E2S - our other big project
- **Introduce Digitivity**

