

# Related projects

**Andrew Herbert**  
**13th October 1997**



# The List

- **Retina**
- **DCAN**
- **Pegasus-II**
- **E2S**
- **TRENDS**
- **FollowMe**
- **ObjectLab**
- **Associates**



# Summary

- **Retina, DCAN, FollowMe directly fund ANSA core research**
- **Pegasus II funds APM extensions of FlexiNet plus some core**
  - we'll share results with other sponsors
- **TRENDS, E2S, ObjectLab and Associates benefit APM Consulting**
  - gives ANSA team contact with user needs
  - some useful feedback (e.g. secure sessions)



# RETINA

- **Prototype TINA DPE**
- **APM provide architectural advice to kernel specification group**
- **Input**
  - **DIMMA architecture documents**
  - **FlexiNet architecture documents**
- **Principally supporting France Telecom & BT  
Chorus, HP, Alcatel, Siemens, CNET, CSELT,  
Telenor, HP, O2, BT, Broadcom, Telis, Uni Torino**
- **ends June 98**
- **Funds 1.5 ANSA slots**



# DCAN

- **Distributed Control of (lightweight) ATM networks**
- **Input: ANSAWare/RT, DIMMA**
- **Result: “SwitchLets”**
- **Cambridge Univ., & Fore Systems (Nemesys).**
- **Ends February 1998**
- **Funds .5 ANSA slot**



# PEGASUS-II

- **Lightweight ATM meets IP**
- **Intended as DIMMA validation and “switchlets”**
- **Academics moved to Java**
- **APM input**
  - **FlexiNet**
  - **Richard Harris doing PhD on Java QoS**
- **Cambridge Univ, Glasgow Univ, SICS, Twente Univ, ends 1999**
- **Funds .5 ANSA slots**
- **Ends September 1999**



# TRENDS

- **Road traffic management**
- **Used ANSAware, HTTP-CORBA gateways and Quartz concepts**
- **Golden River Traffic, Lisitt (University of Valencia), Arena (Swedish National Road Authority), Univ. West of England, Univ. Coll. London, Data Sciences**
- **Ends November 1997**



# E2S

- **Secure End-to-End Internet Transactions**
- **Input:**
  - ANSAWeb, Quartz, Reflective Java
- **Benefit:**
  - Architecture
  - Secure sessions for FlexiNet
- **HP (ENSD, HPLB, WCSO), SBCW, TUB, GMD, Onyx Internet, Visa Int'l**
- **Ends November 98**





# FollowMe

- **Applications of mobile agents**
- **Input: FlexiNet & Puppies**
- **Funds 1.5 ANSA slots**
- **Started Oct 1st**
- **Finishes April 1999**
- **Partners FAST, INRIA, TCM, UWE**



# ObjectLab

- **Separate APM offering**
- **Originally planned OMG linkage**
  - **“OMG developer CD”**
- **Examples of Open Distributed Processing at Work**
- **Current deliverable is ObjectMonitor**
- **No plans to continue**
- **Convert to ANSA Associates**



# ANSA Associates

- **Access to ANSA for**
  - end users, smaller vendors (??)
  - academics (£500)
  - sponsor “recruits”
- **Delayed access to results (6 months)**
- **Internal use only**
- **ANSAWorks event**
  - Probably in November
- **Academic associates not economic**
  - => running this down

