Objectivity Case History

Customer Information

Customer: Kapteyn Institute		
Industry:	Scientific	
Application Domain:	Southern Sky Survey (comparable with Sloan and MegaCam)	
Status:	Customer	
Platform:	NT, Sun and Linux	
Compiler:	MSV C++, Sun C++ and ECGS 1.1	
Other Tools:	None	

The European Southern Observatory (ESO) and the Osservatorio Astronomico di Capodimonte (OAC) are jointly planning a 2.5-m telescope to be erected adjacent to the Very Large Telescope (VLT) on Cerro Paranal in Chile in the year 2001. This telescope, which has been given the name VLT Survey Telescope (VST), is designed to deliver a field of view of 1 x 1 square degree. More information about the VST can be found on the WWW homepage maintained by OAC (URL:http://oacosf.na.astro.it/vst).

Part of this project is the development of OmegaCam. OmegaCAM is a 1 square degree wide field, optical, 16k X 16k camera for the VLT Survey Telescope (VST), which is expected to become operational at Paranal at the end of the year 2001. OmegaCAM is build by a consortium of institutes, which in turn coordinate the contributions of more institutes in the following countries:

- The Netherlands: NOVA, Kapteyn Instituut Groningen
- Germany: Universitats-Sternwarte Munchen
- Italy: Osservatorio Astronomico di Padova
- The European Southern Observatory.

The Dutch Kapteyn institute is going to develop the database interface for the software that will read and write images produced by OmegaCam.

They have been evaluating ODI and O2. We won because of reference and a flexible pricing model.

Buying Criteria

- Scalability
- Ad hoc query support

Why Objectivity

Referenced by others in their domain like Sloan, TerraPics, ESO. Furthermore they are in contact with CERN.

Contact Information

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