Software Project Examples

Windows software for capture & display of pipeline survey data

Engineers at a major research centre in the East Midlands required the development of a Windows application to display, in various graphical representations, data from magnetic surveys of pipelines obtained from pipeline survey vehicles.

The software, written in C++, was also required to recognise and convert between various proprietary file formats used by the client for the representation of the survey data, and to handle the backup and archiving of the data files.

Standalone Database Browser

A leading supplier of software for the printed circuit board manufacturing industry required the development of a standalone database browser. This involved the modification of a very large, complex body of C source code, in order to separate out certain database browsing functions and build these into standalone executables, for reasons of improved efficiency.

Timestar carried out the development of both UNIX (Sun workstation) and Windows versions.

Operator Control Unit software for rail network supervision

A multinational transport systems company required the development of a DOS based graphical user interface to display a configurable rail network and of a separate executable providing editing facilities to allow the user to create and edit the network layout diagrams.

The software, written in C++, was required to provide various search and query functions for the operator, and to maintain an up to date display of train locations by means of a continuous message passing dialog with a host computer.

Conclusion of the project to the customers complete satisfaction was achieved, unaffected by a distance of over 400 miles between the client's and Timestar's premises.