EYEDOT
YOUR EQUIPMENT, OUR EXPERTISE

DESIGN AND BUILD

Eyedot can offer in-depth design expertise embracing many major electronics technologies. From concept to manufacture, we have a long track record designing new and replacement electronics systems for a wide variety of operating environments. Our security cleared personnel are able to work on security sensitive projects, and our solutions come with full warranty.

CASE STUDY

AT A GLANCE

CHALLENGE

- Systems contained obsolete hardware and elderly, unreliable software
- Remote locations required extensive travel time for repairs

SOLUTION

- Complete plug and play back-end system developed allowing the original application to run on a modern operating system

BENEFITS

- No investment required in new equipment.
- Improved reliability.
- Reduced travel time.

Eyedot were keen to understand the issues that we were facing and the impact that they were having. Not only did they provide a solution, but they implemented further measures to prevent it from happening again. This has resulted in better equipment performance, reduced down time and a more efficient way of working.

THE CHALLENGE

Eyedot's customer was supplying elderly back-end systems running client information applications.

The systems contained obsolete hardware and elderly, unreliable software, and many of the systems were in remote locations requiring significant travel time for engineering staff to repair failing devices.

OUR SOLUTION

Eyedot undertook an investigation of the problem and developed a solution which would enable the customer to run the original software but on much more up to date and resilient hardware.

After fully researching the issues, a complete plug and play back-end system was developed. This allowed the original application to run on a modern operating system.

BENEFITS

NO NEW EQUIPMENT REQUIRED

The customer was ready to look into an entire new system which would involve a lot of time, effort and investment. Our solution avoided this completely.

IMPROVED RELIABILTY

Reliability was improved by the addition of several different sensors monitoring the temperature and fan operation, plus the installation of dual redundant power supplies

REDUCED TRAVEL TIME

We incorporated a remote reboot facility in order to reduce travel time to sites. The units could now also be configured to remotely message engineering staff in the event of a single power supply, fan or temperature problems, thereby ensuring problems were flagged early and resolved ahead of total system failure.

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