

# Systems and Products for the Rail Industry



# For your information...

Postfield Systems is a manufacturer of hi-tech information software and visual display equipment, which specialises in both customer information and data display. The Company, based at Kenley in Surrey, is a leading supplier to the railway industry and over the past 20 years has gained considerable experience in the design, development, fabrication, assembly, project management, commissioning and maintenance support for the following:

## **Customer Information Systems (CIS)**

Turnkey CIS installations, based on our own CIS software application, designed for all sizes of railway stations, including major terminal stations.

## **Closed Circuit Television (CCTV)**

For Surveillance and Driver Only Operation. Designed, installed and commissioned over 200 stations with DOO CCTV.



## **Public Address (PA)**

Provided local and long-line public address systems to more than 100 stations.

Postfield Systems has also provided variations of these systems for London Underground, airports, bus stations and the private sector.



# Products

**Postfield Systems is always looking to break new ground with its development of state-of-the-art hardware and software products. We currently offer some of the most advanced customer information and data display systems available.**

## **BrightEye Ruggedised TFT Monitors**

This range of high-clarity TFT display monitors are ideal for use in harsh environments such as the rail industry. The ruggedised units are capable of accepting signals in composite or VGA/SVGA video formats and can be provided with an on-board, single board computer. All interconnecting cables are concealed and the unit can be wall, ceiling or pedestal-mounted. BrightEye is already being used by Tube Lines within the London Underground network for displaying surveillance TV pictures.



## **Train Mass Detector**

The TMD was originally designed for use within the railway industry as part of a Driver Only Operation (DOO) CCTV installation, to detect the presence of a train. This ultrasonic device is now to be used as part of the Tube Lines upgrade programme within London Underground, to control the local public address system when a train stops at a station.



## **Driver Only Operation (DOO) CCTV Metalware**

We have available a complete range of metalware for use with Driver Only Operation (DOO) CCTV Systems comprising: camera housings, camera poles and off set arms, monitor housings, telescopic monitor poles (subject to UK patent) and associated monitor junction boxes. This equipment is currently being used in many regions of the railway system.



## **Bailey Concepts**

Acquired by Postfield in 2001, Bailey Concepts has developed a range of environmental monitor enclosures and support structures (eg pedestal columns and wall brackets) which have been the preferred means of housing CRT Monitors throughout the railway network for the past 25 years. The housings can be finished to the customer's own choice of colour.



We have accreditation to the ISO 9001:2000 Quality Assurance System. This certification demonstrates our commitment to provide the highest quality of service/products to our customers.

## Skills and Experience

**Postfield Systems offers a comprehensive range of skills and experience across the full spectrum of engineering applications:**

### **Design/Development**

We have a capability for electrical, mechanical and software design of specialist equipment and systems.

### **Hardware**

Electrical and mechanical design is provided by skilled and experienced design draught-persons operating Autocad. All design work for our products, including BrightEye, DOO Metalware, Train Mass Detectors and Bailey Concepts, is carried out at Kenley.

### **Software**

Since 1987 Postfield Systems has been involved in the development of a range of software-based systems. Software design and development is available for both Windows and Linux operating platforms.

Systems include:

- **Customer Information Systems** – for stand-alone small, medium and major stations, plus networked systems operating from a central control panel.
- **Long-Line Public Address Systems** – providing remote control of announcements to a number of remote stations.
- **Text CIS** – relays track-side information back to station staff, informing them of the status of the next four trains within the London Underground.



### **Fabrication & Assembly**

We have a resource of skilled and experienced sub-contractors to fabricate all the products designed by Postfield Systems. There are fully equipped workshop facilities for the production of electronics equipment and display devices. Final assembly, inspection and testing are carried out at our Kenley workshops.

### **Project Management**

With extensive experience of managing major turnkey projects, we offer a service that incorporates:

- Site survey and design
- Sub-contracted civils and electrical site work
- Equipment installation and final termination
- Test, commissioning and handover

### **Maintenance/Support**

Site maintenance support is available on a 16-hours-a-day, 7-days-a-week basis for all systems supplied by Postfield Systems. Telephone support for all our software-based systems is available via a remote dial-up connection, 24-hours-a-day, 7-days-a-week if required. Workshop repair on all Postfield Systems designed equipment, plus any proprietary TV and PA equipment, is available at our Kenley workshop.

## Company Structure

Postfield Systems is a trading division of Postfield & Co Ltd, which has been providing telecommunications systems, products and services to the transportation industry and to both the public and private sectors since 1970.