

TRIDENT COMPUTER RESOURCES, INC.



Emulated Operator Stations

INTRODUCTION

The **AUDY™ Emulated Operator Station** provides highly effective, realistic, instrumentation specific operator training at an affordable price. Similar in appearance to actual distributed control system (DCS) operator stations, an AUDY™ emulator station provides the man-machine interface (MMI) required for today's demanding operator requirements.

AUDY™ simulators with **AUDY™ Emulated Operator Stations** have the same high fidelity dynamic plant response as those simulators using actual DCS equipment, but at a fraction of the cost.

FEATURES & BENEFITS

AUDY™ has engineered each emulated operator station with your training requirements in mind.

Your trainees will learn to:

- understand the presentation of plant process data;
- monitor and control the process;
- make keyboard entries;
- correctly respond to upset and emergency conditions.

Ease of Use - Each **AUDY™ Emulated Operator Station** is designed with training in mind. Since AUDY™ has written all the software, the instructor has complete control of the simulation program and the emulated operator station. Changing a training program does not involve time consuming operator station database reloading. DCS Instrument configurations, name tags and process graphics can be changed easily by the instructor to reflect plant configuration changes. In some cases instrument configurations can be modified utilizing the actual plant configurations.

Expandability - As your training needs grow, your AUDY™ Emulated Operator Station can grow without costly DCS equipment upgrades. Different DCS keyboards and/or additional operator consoles may be easily added; and if required, multi-user training session capability can be incorporated.

Flexibility - AUDY™ has engineered each emulation to minimize additional expenditure on your part. If your plant's DCS instrumentation changes, your training program may be kept current by changing the operator keyboard and adding new emulation software to your system. Your simulator system is capable of training on multiple DCS types.

Modularity - An **AUDY™ Emulated Operator Station** Modular software design permits ease of upgrade, so as the DCS is revised by the OEM, the AUDY™ Emulated Operator Station can be easily modified to reflect the latest changes.

AVAILABILITY

AUDY™ has developed **Emulated Operator Stations** for the following control systems;

- Bailey Network 90 OIU
- Fisher & Porter DCI
- Foxboro Videospec
- Foxboro Intelligent Automation
- Honeywell TDC2000 Rel 460
- Honeywell TDC2000 Rel 520
- Honeywell TDC2000 Rel 615
- Honeywell PMX
- Honeywell TDC3000 Enhanced Station
- Honeywell TDC3000 Universal Station
- Honeywell TDC3000 UxS
- Honeywell Global User Station (GUS)
- Toshiba Tosdic 247
- Yokogawa COPS II*B
- Yokogawa Centum COPS V
- Yokogawa Centum XL
- Yokogawa Centum CS

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151 Industrial Way East, Eatontown, NJ 07724 USA

☎ (732) 544-9333 FAX: (732) 544-1511