

TSC

compunetix, inc.

Rack Mount Touchscreen Console

Optimizing the Command and Control Voice Console

APPLICATIONS:

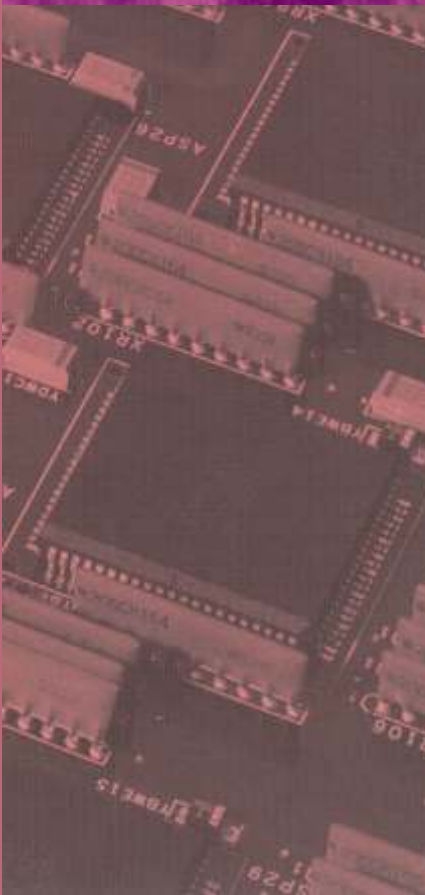
- Command and Control Centers
- Air Traffic Control Centers
- Mobile / Theatre Deployment

FEATURES:

- Enables users to control audio conferencing, telephony, and intercom functions from their desktop.
- Portable JAVA Graphical User Interface (GUI) is easily customized to emulate existing operator environment.
- Softkeys can be configured as specific circuits or conference nets.

HARDWARE:

- The TSC hardware consists of a Pentium based computer, a Compunetix Digital Audio Processor module, and optional components such as a foot switch.



MISSION FEATURES:

- The Compunetix TSC controls circuits for Conference Nets, Voice Direct Lines, Dial Lines, Direct Access Lines, Public Address Lines, and Air-to-Ground Communications.
- The front panel consists of configurable softkeys that display the names of the Conferences or Telephony Circuits assigned to each position.
- While the TSC is an off-the-shelf instrument, Compunetix maintains flexibility in its basic design to conform to individual mission applications.
- All operational software for the TSC is maintained and downloaded from the host CONTEX system's Maintenance Administration Terminal (MAT). The TSC key assignments, access levels, and configuration changes are downloaded and updated in real time. All functions are software controlled to provide versatility in configurations.

FRONT PANEL / SCREEN FEATURES:

Monitor / Listen Modes and Volume Controls:

The TSC supports headset (stereophonic binaural, monophonic binaural, and monophonic) audio channels, depending on the telephony interface used.

Headset/Handset jacks are available on the front of the TSC. A loudspeaker audio channel is also provided. Each audio channel can be programmed with Talk-Listen nets, Monitor nets, Telephony Circuits, or key assignments based on user requirements. Headset and Loudspeaker volumes are independently adjustable.

Loudspeaker:

Broadcasts Talk-Listen, Monitor, or Telephony Circuits programmed at the MAT.

Conference Nets:

Allows the operator to establish and maintain conferences. Also allows the operator to add or remove conferences from the monitored audio.

DTMF Keypad:

Allows dialing for placing outgoing calls on the Mission handset/headset.

INPUT POWER:

- 120V_{AC} at 1A

TELEPHONY INTERFACES:

- ISDN 2B+D over U Interface or RS-422; copper or fiber.
- 2-wire or 4-wire

DATA INTERFACES:

- RS-232 or 10/100 Base-T Ethernet

ABOUT COMPUNETIX:

Compunetix, a small business with over 30 years of experience in designing, engineering, and manufacturing communications equipment, is located 15 miles East of Pittsburgh in Monroeville, Pennsylvania. The Federal Systems Division of Compunetix specializes in the design, manufacture, and installation of mission-critical voice communications systems for the aerospace, military, civilian government, emergency response, and other markets where reliable mission-critical communications are a necessity.

For more information about compunetix products and services, contact us at:

compunetix, inc.

federal systems division

2420 mossie blvd.
monroeville, PA 15146

phone: (412) 373-8110
fax: (412) 858-6348

email: fsdsales@compunetix.com
website: www.compunetix.com