

Talk-A-Phone Co.

Model ETP-TAL Talk-A-Lert® Hardware/Software Package Architectural & Engineering Specification rev. 10/9/03

1 General Description

- 1.1 The unit shall be a hardware/software package, model ETP-TAL, no substitutions, designed to work on a PC with Windows 95/98/2000/NT4/XP PRO in conjunction with Talk-A-Phone Emergency Phones. The unit shall function as a base station, identifying the location of a calling Emergency Phone and storing this information. The unit shall also function as a diagnostic tool, polling the Emergency Phones at least once per day to verify connections and basic functioning.

2 Construction

- 2.1 The unit shall include a Base Station measuring 6"W x 2.25" H x 9"D, as well as an external voice modem, security dongle, serial modem cable, and specialized cable. External voice modem dimensions shall vary according to model availability.

3 Features

3.1 General

- 3.1.1 Unit shall be configurable with multiple users, each with their own password and permissions.
- 3.1.2 Automatic periodic screen refresh shall be customizable.
- 3.1.3 Remote operation shall enable multiple sites to be maintained from one location.
- 3.1.4 All programmed and recorded information shall be stored in a single, easily backed-up database.

3.2 Diagnostics

- 3.2.1 Unit shall be capable of polling an unlimited number of Emergency Phones.
- 3.2.2 Polling shall be initiated via three methods:
- 3.2.2.1 Poll at pre-programmed times.
- 3.2.2.2 Poll all phones by a single mouse click.
- 3.2.2.3 Poll an individual phone by a single mouse click.

- 3.2.3 Each Emergency Phone shall be separately programmable with minute by minute polling times, up to once per minute 24 hours a day.
 - 3.2.4 Unit shall test and report on status of communication line. Unit shall distinguish between a busy line, verified communications, no dial tone, and other line conditions.
 - 3.2.5 Main display window shall indicate most recent polling results for all Emergency Phones (may require scrolling down list as all phones may not fit on screen.)
 - 3.2.6 Unit shall match the Emergency Phone with the phone number being dialed to confirm that the Emergency Phone is in its proper location.
 - 3.2.7 Reports shall be available for on-screen viewing and printing including individual Emergency Phone poll results and results from a single polling run. Reports shall be customizable according to start and end dates.
 - 3.2.8 Unit shall be compatible with standard report writing software, such as Crystal Reports, to allow user to write custom reports.
 - 3.2.9 A Poller Status window shall countdown the time left until the next poll time.
- 3.3 Base Station
- 3.3.1 Incoming calls shall trigger an alert sound from PC (sound card and speakers required).
 - 3.3.2 Unit shall print a report with each incoming call. This feature shall be programmable according to administrative preferences.
 - 3.3.3 Multiple incoming call windows shall be easily managed.
 - 3.3.4 Emergency window shall show exact time and location of incoming call plus other critical information such as operator response time.
 - 3.3.5 Unit shall, according to administrative preferences, optionally require an operator response to incoming calls.
 - 3.3.6 Reports shall be available for on-screen viewing and printing including individual Emergency Phone incoming calls, all incoming calls over a period of time, and location information of all Emergency Phones.

4 Hardware Requirements

- 4.1 Unit shall NOT require a dedicated PC.
- 4.2 For use with Windows 95/98, PC shall be a Pentium with 32MB RAM, 35MB drive space (100 MB recommended), 2 native COM ports.

- 4.3 For use with Windows NT/2000/XP Pro PC shall be a Pentium with 64MB RAM, 35 MB drive space (100MB recommended), 2 native COM ports.
 - 4.4 Two distinct communication lines shall be required: one for polling and one for receiving incoming calls. Incoming phone line shall be shared with telephone receiving incoming calls.
- 5 Electrical
- 5.1 The unit shall include a 9VDC, 500mA output, 120VAC input power supply, required for the Base Station.
 - 5.2 The unit shall include a 120VAC power supply for the external voice modem.
- 6 Mounting
- 6.1 The Modem and Base Station shall be mounted on a desktop. The security dongle shall be installed in the printer port of the PC, supplied by others.
- 7 Options
- 7.1 Networked computers shall be able to receive incoming calls and distribute them to different guard stations while maintaining a single database. Requires one full version of Talk-A-Lert for first computer, plus one additional copy of ETP-TAL/NET for each additional computer. SQL Anywhere Studio for Windows Base Server with 1 User (by Sybase) is also required.
 - 7.2 User shall be able to poll with more than one phone line using multiple modems on the same computer.
 - 7.3 Complete PC pre-installed with Talk-A-Lert®, model ETP-TAL/PC, shall be available for standard configurations. PC manufacturer and model shall vary according to availability at time of order.
- 8 Warranty
- 8.1 Equipment shall be warrantied against any defects in material and workmanship, under normal use, for a period of one year from date of installation. In the event system is found by manufacturer to be defective within the warranty period, manufacturer shall repair and/or replace any defective parts, provided the equipment is returned to manufacturer.
- 9 Manufacturer
- 9.1 The Manufacturer shall be Talk-A-Phone Co. (773) 539-1100, 5013 N. Kedzie, Chicago, Illinois 60625, www.talkaphone.com. THERE ARE NO EQUIVALENTS.