## Telephone Management Application (TMA)

Features

- **Windows®- based Software Application (7, 8, and 10)**
- **Automatic "Polling" of RED ALERT® or SMART Telephones**
- **Monitors and Reports Health and Activity of Analog, VoIP, and GSM Telephones**
- **Includes Analog Transceiver or GSM Modem, Interface Cables, Security Key, and Software Flash Drive**
- **Summary Report or Individual Fault Status Emailing**
- **Supports up to 8 Transceivers for Simultaneous Polling of Multiple Analog Telephones**
- **Unlimited Polling Quantity of VoIP Telephones**
- **Reports Telephone Health/faults, Line Faults, and Telephone Activity**
- **Programmable Operating Parameters**
- **Graphical User Interface for "At a Glance" Status Indication**

GSM Modem

Analog Transceiver
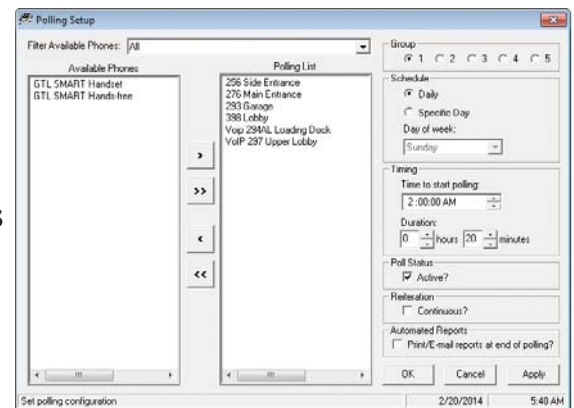
TMA is a maintenance data-collection and reporting tool that allows users to view and report the health of RED ALERT or SMART telephones. The software application is compatible with Windows 7®, Windows 8® and Windows 10® and is intended for use on a dedicated PC. The Graphical User Interface provides a visual indication of each telephone's status and activity. TMA can be programmed to provide an audible alert or send an email if a fault condition exists.

When connected to TMA, each telephone will be automatically recognized and "logged in" for SMART (Self Monitoring And Reporting Technology) operation. After physical installation and connection to the system, station level details and system operating parameters are easily programmed into the TMA software. Many features of TMA are completely user-configurable to provide maximum flexibility.

In an Analog telephone system, TMA will support up to eight (8) line inputs, allowing eight different telephones to be polled simultaneously. This is important in larger systems as data collection may take as much as 90 seconds per telephone to complete. A transceiver is required for each telephone line input. One transceiver is included in both the basic TMA package and the expansion kit. No transceiver is required for VoIP systems. VoIP telephones are not monitored simultaneously but the speed at which data is collected is 20 seconds per telephone, approximately four (4) times faster than an analog system (similar to an analog system with four transceivers installed). GSM poll time is dependent upon the wireless carriers SMS texting network.

TMA is capable of monitoring Analog, VoIP, and GSM telephones in the same system.

Initial programming of unit-specific data is easily accomplished and just as easy to make changes, additions, and deletions. The screenshot on the front of this brochure identifies the programming screen where the desired polling functions are set-up.

TMA is designed to monitor individual analog telephones, each on a dedicated analog telephone line. This allows the polling process to take place, with each telephone automatically answering when accessed for data retrieval. If two telephones are required to share a single analog line, each unit will be required to "call in" rather than being polled (programmable). Successfully sharing a line depends on the quality of the line and having sufficient line current (at least 24 mA per telephone). Insufficient line current with more than one telephone going off hook simultaneously can cause a call to be dropped completely. This is obviously not an issue with VoIP telephones since they all share the same Ethernet backbone.

The screenshot to the right provides a visual indication of the system "tree", listing all components as a specific icon with their associated location. Various reports, such as a Basic Summary Report (directly above the system tree screenshot), are available to provide status and history information as required by the operation. In addition to telephone health information, TMA can provide call activity reports that can prove useful when investigating occurrences.

TMA can reduce maintenance and testing costs as well as associated liabilities. Contact your distributor, manufacturer's representative, sales manager or GAI-Tronics directly at 1-800-492-1212 and **customerservice@gai-tronics.com** for more information.

Ordering Information:

Model No.	Description:
12509-042	TMA Package (includes analog transceiver, security key, interface cables, and software flash drive); supports both analog and VoIP telephones
12509-043	TMA Expansion Kit (includes analog transceiver, interface cables, and software flash drive); required for adding an additional analog telephone line
12509-044	TMA Package for VoIP only (includes security key and software flash drive)
12509-047	TMA Package for GSM only (includes GSM Modem, security key, interface cables, and software flash drive)

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