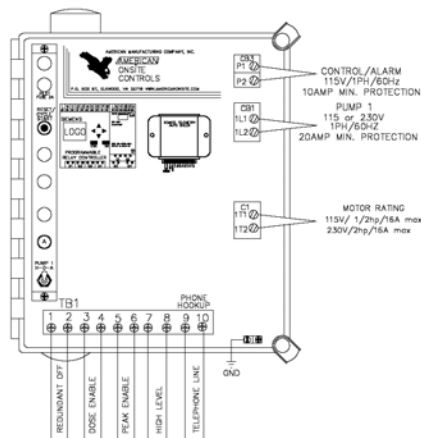
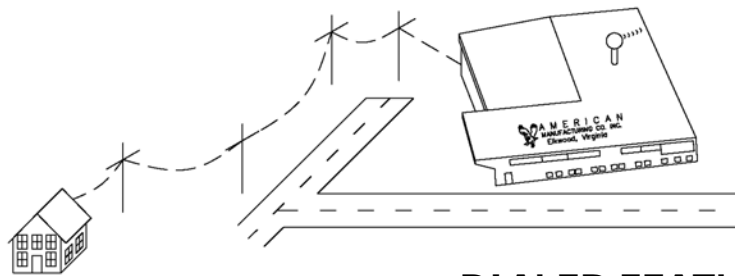


AMERICAN AUTOMATED CONTROLS

WEB-BASED TELEMETRY REPORTING SERVICE (TRS)



DIALER FEATURES

- *Connect to any extension
- *Does not call on busy line
- *Actively reports monthly



PRODUCT OVERVIEW:

The American Onsite **Telemetry Reporting Service (TRS)** is a cost-effective means of receiving and responding to alarm conditions remotely through a **web-based** delivery system. The “TRS” option can be utilized with any control panel. Standard onsite control panels are specified with high level only, but any panel can be customized to suit the specific needs of any site requiring up to 8 independent alarm conditions. A 30-day status check is also a standard function of the unit to inform the user the unit is still operational in the absence of alarm conditions.

Each panel ordered with the “TRS” feature comes with the auto-dialer unit preinstalled. Retrofits can be ordered for the field by means of an additional “jockey” panel, which ties into the existing, or if space and constraints permit, installed in the original application. Standard features are as follows:

- 8 dry-contact input channels
- Quick disconnect plugs for easy wiring as a field retrofit
- No local programming - just complete and return the supplied ID request form to American Manufacturing, and the unit is initialized from the Tracking server
- LED display for power, phone and each input channel
- Integral mounting feet for easy installation
- UL listed power supply is included with unit
- Alarm notification via text-messaging and/or email
- Alarm events become historical data
- Connects to any standard phone line (land based phone line)
- Only connects to the line when it needs to call
- Automatically retries if the call is unsuccessful or the line is in use
- “All Clear” signal is sent when on site alarm condition clears
- Will send an automated status check every 30 days after the last alarm condition to verify the unit is still functioning

HOW "TRS" WORKS

The auto-dialer connects to a standard phone line and has the ability to monitor up to 8 critical conditions, such as "Pump Fail", "Low Water Alarm", or "High Level Alarm". When an "Alarm" condition or an "All Clear" condition is received, the unit contacts the American Manufacturing Tracking server via a **toll-free** exchange and transmits the specified data.

Standard control panels are normally specified with the high-level alarm notification and reset functions. Monthly status reporting is a standard feature to acknowledge the system is still on line. However, any site specification can be modified to announce up the eight conditions or alarms.

Each unit that leaves the factory comes with an I.D. request form. Once the end-user completes and returns the form to AMC, the "TRS" Tracking server will be loaded with the site-specific information, linking the "TRS" server to the auto-dialer. An automated email will be sent to the end-user when the unit has been loaded.

Once the "TRS" equipped control panel is installed, the auto-dialer will remain inactive until an "Alarm" condition activates. When an alarm state trips the appropriate input, the unit will come on-line and check whether the phone is available. If the line is not available, the unit will wait a few minutes and initiate another attempt. The unit will continue to try until the line becomes available.

The unit will proceed to dial the AMC "TRS" tracking server, input the site I.D. along with the alarm condition, and wait to receive a signal from the server to acknowledge all information has transferred properly. If the auto-dialer does not receive this signal within a few seconds of transmission, it will disconnect, and try again in a few minutes. This form of "handshaking" helps to ensure a critical alarm does not go by unanswered.

Once the data is transferred to the "TRS" tracking server, and the auto-dialer receives the acknowledgement that all data has been recorded, the dialer disconnects, and the "TRS" server then processes the data.

The email address(s)/text message number(s) supplied from the completed I.D. form, will then be sent the site information and alarm event. The alarm will be also displayed on the web-based portion of the server.

Once the alarm condition subsides, the auto-dialer will contact the "TRS" tracking server and transmit an all-clear status. The same protocol as described before takes place to make sure the data is transmitted properly. Once the on site alarm is cleared, the user can log in to the web-based portion of the "TRS" server and clear any open/outstanding alarm conditions. At any time, the user can log into the "TRS" tracking server via any web-based browser, and get alarm information pertinent to any site that has utilized/ is utilizing a "TRS" enabled auto-dialer. This can be very useful for trending problematic sites, and generating reports.

ALARM NOTIFICATION

Each site/remote location will have it's own I.D. and can be uniquely programmed with various alarming conditions which will be transmitted to the end user via e-mail and/or text-messages. Users have the ability to log in to the TRS system via the Internet through any web-browser with a secure username and password. Once logged in, users can view present/past alarm data and establish trends accordingly.

This service is provided to subscribers for a nominal annual service fee. This fee grants access to unlimited usage of web-based browsing of alarm conditions, unlimited callouts from the auto-dialer for "Alarm" or "All Clear" conditions for the duration of the service agreement, and up to 2 email addresses for alarm notifications.

STANDARD PANEL FEATURES

Simplex Control Panel	High Level Alarm
Duplex Control Panel	High Level Alarm, Pump Fail
Drip System Control Panel	High Level Alarm