Remote Communications for Remediation Systems

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Geotech Environmental Control Module (GECM) with Telemetry

Stay in touch with deployed remediation systems via SMS (text message) Telemetry embedded within Geotech Environmental Control Modules. Systems with Telemetry are optimized for simple send and receive queries that make remote sites convenient to monitor.
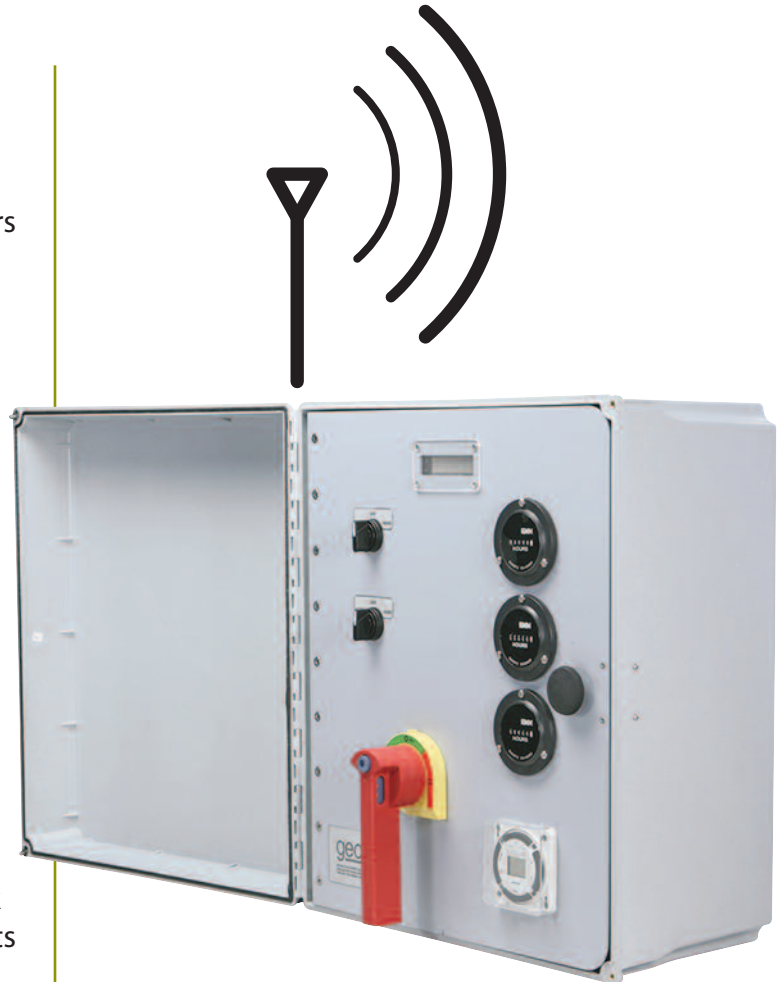
HOW IT WORKS

Each control panel can be programmed with several phone numbers. When the system enters into an alert condition (fault), the programmed numbers will be notified through text message.

In addition, the control panel may be queried for status updates and to respond to alert conditions via simple commands.

Examples of Telemetry Queries:

• Current operating status and check-in.

• Power status (outage and/or restart).

• Add additional phone numbers for alerts.

• Change timer settings.

• Investigate runtime, cycle counts, faults, etc.

• Enable/disable individual channels.

Systems are connected through a cellular network and accounts are managed through Geotech. Costs will depend on size of systems, frequency of alert conditions and commands, and location relative to cellular service. Antenna types will depend on location and proximity to cell towers.

CALL GEOTECH TODAY (800) 833-7958

Geotech Environmental Equipment, Inc.
2650 East 40th Avenue • Denver, Colorado 80205
(303) 320-4764 • **(800) 833-7958** • FAX (303) 322-7242
email: sales@geotechenv.com   website: www.geotechenv.c

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Text Message examples of remediation systems with embedded Telemetry

Geotech Sipper (AC or Solar*):

Text Message Alerts	System Query
SPPR: TANKFULL	**Prompt >** SYSTEM STATUS?
SPPR: OVERRIDE	RUNTIME: dd:hh:mm
SPPR#: WATER DETECTED	CYCLE COUNT: nnnnnn
SPPR: ELEC LOW TEMP	TEMPERATURE: 78 F
	*BATTERY VOLTAGE: 12V
*	CHARGE STATUS: *charged* *charging* *low power shut down*

Other Remediation Systems with GECM:

Remediation equipment which is accompanied by a Geotech Environmental Control Module (GECM) will have the option to embed Telemetry capabilities for remote monitoring. See generic examples of alerts and queries for remediation equipment.

Text Message Alerts include:	System Query
SYS: HI TEMP	**Prompt >** SYSTEM STATUS?
TANKFULL	SYSTEM RUNNING
OVERRIDE	SYSTEM FAULT
PROBEFAULT	TEMPERATURE: 78 F
HI VACCUUM	**System Commands**
LO VACCUUM	**Prompt >** ADD PHONE
HI SUMP	**Prompt >** STOP SYS#
H2O IN RES	**Prompt >** CURRENT FAULT
ELEC LOW TEMP	**Prompt >** CHANGE TIMER

Consult your Geotech Service Representative regarding custom Geotech Telemetry capabilities for all your remediation needs.