Advances in hardware and software are making remote monitoring of landfills cost effective. SCS has developed systems to remotely monitor a landfill’s critical components. The RMC facet of SCS Technology Services is a web-based, cost-effective way to improve safety, increase efficiency, and maximize profitability. Installation of remote monitoring devices is done quickly and efficiently, with minimal downtime.

Objectives

- Early detection of problems
- Minimization of downtime
- Efficient and predictive scheduling of technicians
- Remote command of components
- Real-time viewing, graphing, and analysis of streaming data
- Automated reporting
- Secure data storage

What Can Be Connected to RMC®?

- Programmable Logic Controllers (PLCs)
- Sumps
- Groundwater wells
- Flow meters
- Blower/flare
- Totalizers
- Weather stations
- Security cameras
- Tank level
- LFG probes
- LFG wells

How does RMC work? What can I use the data to do? Remote monitoring is a group of devices communicating to a central base station located on the site. The base station serves to remotely configure all site devices as well. All data are wirelessly transmitted over a secure network to the SCS Technology Services platform, or optionally to a local on-site data storage facility.

A secure SCS website is provided to you, with access to data for use in trending, controlling, and monitoring the real-time streaming data. Since the data resides on a secure site, you control access to the information and may allow others to access stored data to develop or support reporting. You may also access the website to view and control systems from any Internet-accessible device, such as a smart phone, iPad, or laptop. Multi-level logon access means you have expanded options for Full Control, or for making data available but limited, in View Only mode.

Intelligence from Data

SCS Technology Services, a division of SCS Engineers, develops software focused on enhancing productivity, reducing risk, and increasing profitability in the environmental industry. SCS provides high quality equipment designed to operate in the most harsh environments and the same friendly expertise that you’ve come to expect.

For information on SCS Technology Services contact us at Service@scsengineers.com.

Put these tools to work for you; contact Tom Shuput at tshuput@scsengineers.com, or call Tom directly at 1-858-571-5500 x248.