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## SCADA Based DataLogging

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PRM provides SCADA based Datalogging for all Siemens PLC Based Flare/Gas Extraction packages. Data is logged on a user selected frequency and can be trended in standard excel spreadsheets for reporting purposes.



### Applications

The Datalogging component of the PRM SCADA package is an excellent high tech solution to old school chart recorders and dedicated loggers. PRM takes advantage of the PLC system by integrating the ability to datalog. All data is available for viewing and trending in any modern spreadsheet system in a .csv format.

Datalogging for Landfill applications typically monitors and logs the following parameters:

- Main Flare Flow, wellfied flow if required
- Flare Temperature and pilot Temperature
- Extraction system Vacuum levels
- Gas Analyzer data—CH<sub>4</sub>, O<sub>2</sub>, CO<sub>2</sub> (typical)

The Datalogging system requires no additional hardware over the base PLC system. The system is a software subset of the operating system which is programmed in to log as required.

### Features

- Web Based access vs. requirement of pulling card locally
- Data overwrite at end of storage if required or segmented storage
- Storage of 8GB+
- Secure username / password login for data access (remote)
- Unique ability to provide Event logging as well. Event logging is an invaluable tool in analyzing the overall efficiency of system operation. Others just don't do this. We standardize it.

### Benefits

- Storage via USB or SD mass storage card
- Scalability of datalog frequency
- Local or remote extraction