

SentientMonitor

Accurate, Auditable Greenhouse Gas Monitoring

General Fact Sheet

Introduction

SentientMonitor is Synengco's leading technology solution for Greenhouse Gas Emissions.

Key features

The key features of SentientMonitor are:

- ☑ Full compliance with Greenhouse Gas Benchmark Rule (Generation) No.2 of 2003 Method 2 PITR Guidance Document.
- ☑ Independently assessed to provide an uncertainty to <1.5% ($\pm 0.50\%$ to $\pm 1.00\%$).
- ☑ Real time 1 minute monitoring and reporting at 30-minute intervals.
- ☑ Reporting tailored to suit your needs.
- ☑ Makes use of existing plant instrumentation.
- ☑ Fully validated against standard performance testing.
- ☑ Integrates with existing data and reporting systems.
- ☑ Provides greenhouse intensity measures.
- ☑ Provides plant performance improvement measures.

SentientMonitor Data Collection

SentientMonitor collects and tests real time plant data. Bad data and anomalies are flagged for attention.

Before we install SentientMonitor, we undertake an engineering study to identify and assess critical instrumentation. It has been our experience that most organisations have sufficient existing instrumentation to enable SentientMonitor to provide greenhouse

intensity and plant performance to a <1.5% uncertainty.

The unique process used by SentientMonitor to collect and test greenhouse gas emissions data overcomes deficiencies inherent in other methods of measuring greenhouse gas emissions.

Data Outputs

SentientMonitor™ uses an open architecture philosophy so we can integrate with and use your existing data and reporting systems to give you more efficiency.

Reports are tailored to suit your needs at intervals specified by you.

Our expertise

Synengco's people and technologies operate at the coalface in various industries across the globe. We are world specialists in information intensive systems and our SentientMonitor technology leads the way in greenhouse gas emission accountability.

SentientMonitor is driven by Synengco's award winning software, SentientSystem®. In recognition of the contribution it made to the advancement of technology, SentientSystem® was accredited to the Australian Showcase Technology in 2001 and again in 2007.



The Payback Period

SentientMonitor rapidly pays for itself and provides immediate benefits and accountability. Clients have experienced payback periods ranging from 6 to 18 months.

To contact us

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