



# Solar Injection

## AUSTRALIA



### Keeping you in control.

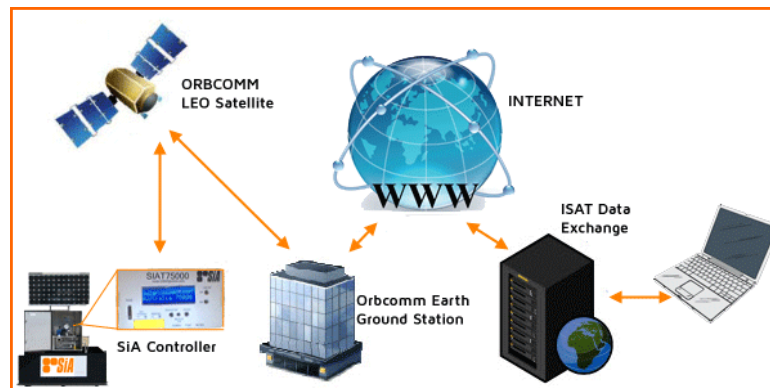
Being able to not only monitor but also control your chemical injection system can reduce downtime and eliminate chemical wastage, saving you money. Having access to these functions remotely, from any internet connection, and in near real-time can greatly reduce routine site visits to isolated locations to keep costs down even further.

### HOW DOES IT WORK?

The Solar Injection iSAT System enables data messages to be sent and received from small, low-powered terminals (often solar powered) over satellite and cellular phone networks. Users receive notification of asset location, on-board information and alarms via a user interface in near real-time. The user determines the exact data to be collected and the frequency at which it is transmitted and received.

At the same time messages can be sent to the remote located modem and asset. In the case of our SiA Chemical Injection Systems, the controller receives these messages and can take appropriate action e.g. turning the pump on/off or changing flow rates. This gives the system a Two-Way Monitoring & Control ability.

Our preferred partner for communication technology is ORBCOMM. ORBCOMM is a leading provider of global satellite and cellular data communications solutions for asset tracking, management, and remote control via low-Earth-orbit (LEO) satellites.



### WHAT ARE THE BENEFITS?

- » 2-way system allows for both monitoring and control of remote assets
- » Excellent redundancy, with 30+ Low Orbit Satellite Constellation
- » Highly reliable even in poor weather
- » Low power requirements (solar powered systems available)
- » Secure with all data encrypted
- » Low cost data plans and hardware expenses (modems) comparable to GPRS/cellular
- » Up to 8 Kbytes per message
- » Access asset information from any internet connection
- » iSAT Software locally supported and customisable
- » End-To-End System design, assembly & installation available

## About Solar Injection Australia

Specialising in chemical injection pump technology for the oil and gas industry, Solar Injection Australia is a leading design and manufacturing business focussed on delivering innovative, quality solutions.

Our approach is to innovate rather than imitate. The SiA brand of high quality and highly efficient pumps includes solar-powered; pneumatic/gas; and AC chemical injection pumps that are suitable for a wide range of applications, including hazardous area, sour gas and where other specialist requirements are needed. Our timers, controllers and detection accessories give our customers unparalleled control of the pumps both onsite and remotely (via SCADA).

With our network of distributors, we design and deliver customised solutions throughout the world – emerging now as a leader in the relatively new area of unconventional energy.

One of our major strengths is our long history of designing and manufacturing engineered systems for the oil and gas industry including chemical injection packages, test equipment packages, high pressure gas systems and well head control panels. Our ISO9001 certification is further testimony to our commitment to quality control across all aspects of our business.

Solar Injection Australia also has a Communications Division, which has partnered with ORBCOMM, to offer remote monitoring and control of our pumps as well as any other remote assets where cellular/mobile phone services do not exist.

## Why Choose Solar Injection Australia



### Quality

In everything we do and in the materials we use.



### Innovation

not imitation.



### Experience

You can rely on. 30+ years in the Oil & Gas Industry.

## Contact Us

If you would like some more information or want to enquire how Solar Injection Australia's remote monitoring and control can help in your application, please contact us:

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or

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Quality  
ISO 9001  
SAI GLOBAL