

## **Sentient On-line performance monitoring, functionality, data capture and retrieval.**

### Functionality

Sentient online performance monitoring system has features such as on-line programming, sign activation/ de-activation and radar speed threshold setting available to clients for customisation and experimentation when trying to optimise the impact of the VAS signs.

### Control & Programming

Sentient allows the user to control the following aspects of the product, please note, some of these options will depend on the product.

### Features:

- Online calendar programming – set days and times when products will activate
- Monitor sign activation counts
- Control speed threshold for sign
- Control radar detection distance
- Performance Monitoring

### Performance Monitoring

Solagen will constantly monitor all systems connected to Sentient for operational defects. The customer will also be aware of any system malfunction by accessing via their PC and reviewing the status of any system. Once a fault has been rectified the system will automatically revert the status to operational. Solagen will also monitor the system 24/7 for less obvious performance defects such as battery performance, radar performance, light levels and status.

### Monitored criteria:

- Battery performance
- Radar Performance
- Sign activation and status
- Control electronics
- Solar Panel performance

### Data capture and retrieval

Sentient equipped VAS signs will automatically record traffic flow, vehicle speed with stamped time and date; this information will be stored and available to clients via Solagen's website: [www.solagen.com](http://www.solagen.com)

Customers will have the flexibility to retrieve specific daily, weekly and monthly data; and will also be able to customise and manipulate the data for optimal presentation. Historical data will be archived after 3 months at Solagen's head office. Alternatively, customers can extract hard copy printouts of all the data and archive it themselves in an Excel or PDF format.