NovraLink: DVB Receiver Monitoring

Novra provides a turnkey web server solution that can provide all the required status information for your network of Novra DVB satellite receivers. This status information is delivered with simple, easy to read web pages so that your NOC (Network Operations Center) can respond quickly to unexpected changes in your network. The frequency of the updates from each receiver site is configurable to meet the response needs of your customers. Important changes in your network can also be sent by email, or to your other monitoring systems with snmp traps.



Figure 1: Receiver Network Summary Status screen

The following receiver status information is available for logging and monitoring

- Signal Lock
- Signal Strength
- Bit Error Rate
- Uncorrectable transport stream packet count
- Carrier-to-Noise ratio
- Transport Stream Packet Receive Count
- **Ethernet Packet Sent Count**

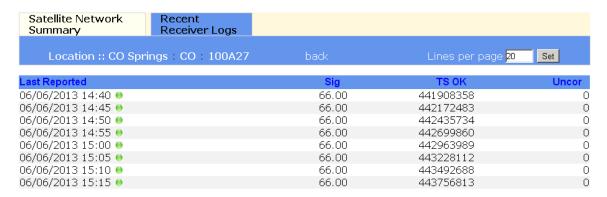
Depending on the client network architecture, the receiver status information is reported from each site or polled from the server using the Novra CMCS utility.

The solution is available as a server appliance or as a virtual machine to be installed at the NOC. Access to the system is provided via a secure login page.



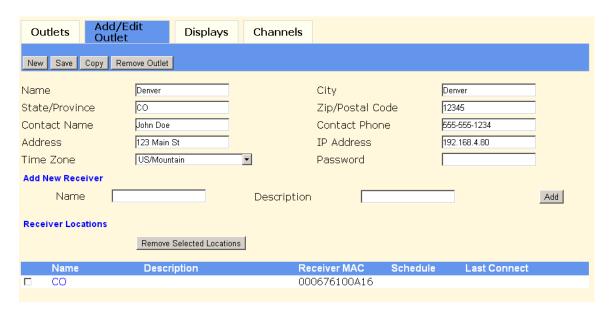
NovraLink Satellite Receiver Network Monitor Solution

Detailed receiver logs based on the receiver polling frequency are available from the main summary screen.



Receiver variables displayed are configurable.

Satellite receiver location information is added through a location management module or a data file import script.



Contact Novra to discuss your DVB receiver network monitoring needs and how we can help.

