

Realtime Monitoring

SLR Heggies Media Services have successfully developed a range of realtime monitoring options for our clients. Our systems are presently being used to collect and report on a wide variety of Acoustic, Noise & Vibration, Air Quality and Weather sensors across Australia. These sensors include but are not limited to:

- ARL316, 215
- InstanTel Minimates 4 & 8 Channel
- Monitor Sensors Weather Stations
- DustTrack PM₁₀
- TEOM PM₁₀ & PM_{2.5}
- Teledyne CO & NO_x sensors

Projects include mining, roadway and public infrastructure. All information collected is accessible immediately by clients, and fully exportable in a variety of formats. Data is stored on our servers, which are regularly backed up, and client access is available 24/7. Output can be seen in a variety of formats, for example:

- Custom reporting website – graphing and historical reports
- User-defined Exceedance/update SMSs and email alerts
- RSS Feeds & website applets
- Realtime Monitoring via Mobile Phone
- Google Earth-based reporting options

A range of automatic calculations can also be programmed, based on user requirements. With noise and vibration monitoring, for example, we offer Leq, Lmax, Lmin, L1, L5, L10, L25, L50, L75, & L99 percentile indices as standard.

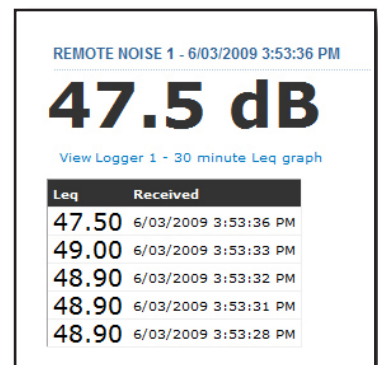
The potential applications for this technology are extremely wide. If your business sees a use for realtime updates from monitoring equipment please contact SLR Heggies to tailor a solution to your requirements. We have functioning demos available on our website now. Ask a consultant for a login today!



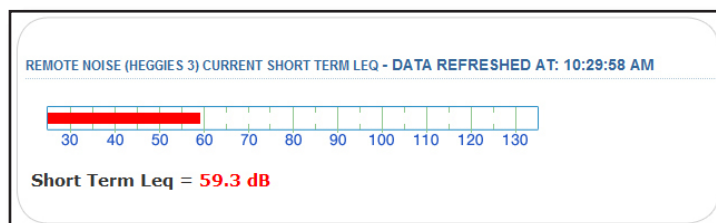
Sample Modem Setup



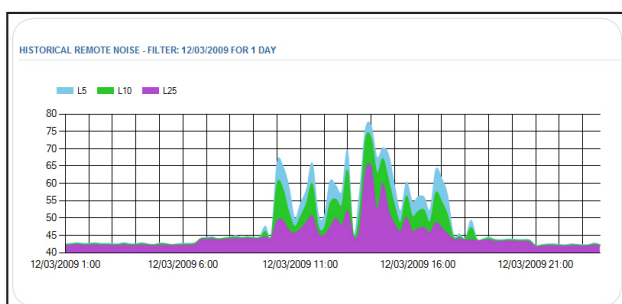
Emissions Monitoring



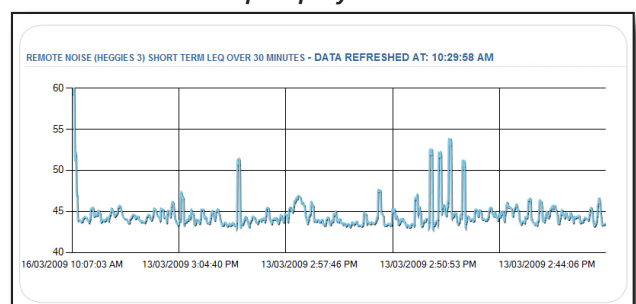
Realtime Mobile Feed



Short-term Leq Display



Customisable Historical Realtime Display



30 Minutes Leq Realtime Display

Technical Overview

All SLR Heggies technical solutions are based on the latest Microsoft Technologies (Visual Studio, .Net 2.0, SQL Server 2000) with the highest levels of encryption security as standard. Our developers are very experienced and welcome feedback about their work. We are constantly developing better systems. All application code updates are provided to our clients automatically.

We also keep all servers in-house with daily incremental and full weekly back-ups, undertaken by our Data Systems team, so your company and project data is private and safe.

About SLR Heggies

SLR Heggies is a progressive company of consulting engineers and scientists providing innovative solutions for improving and sustaining our environment. We manage risk and assist clients to realise opportunity. SLR Heggies technical expertise is centered around the following four areas:

- Acoustics & Vibration
- Building Technology
- Environmental Management
- OHS Health & HAZMAT

The company has been operating since 1978 and is one of Australia's largest specialist consultancies working in all states of Australia, New Zealand, Papua New Guinea, South East Asia and the Middle East. SLR Heggies are proudly 100% Australian owned and employee operated.

SLR Heggies Technical Expertise

- Acoustics, Noise & Vibration
- Air Quality – Ambient & Indoor
- Water Quality – Surface & Ground Water
- Land Quality – Contamination and Ecology
- Hazardous Materials - Asbestos, PCBs, Lead, Chemicals & Explosivity
- Occupational Health & Safety (OHS)
- Finite Element Analysis & Solid Modelling
- Mechanical and Structural Dynamic Analysis
- CFD – Computational Fluid Dynamics
- Wind Engineering & Fire Propagation
- Solar, Light, Reflectivity and Overshadowing
- ESD Sustainability & Energy Efficiency

SLR Heggies Services

- Mechanical Design
- Advanced Systems Engineering
- Real Time Web Based Air & Noise Monitoring
- Blast Design & Emissions Impact Assessments
- Surveys - Noise & Vibration, EMR, Air & Water Quality
- Dilapidation Surveys, Reporting & Web-based Management
- HAZMAT CRMS – Critical Response Management Service
- Ground Contamination & Site Remediation Services
- Health Risk & Toxicology Management
- OHS & Occupational Hygiene Assessments
- Environmental Management Plans & Sub Plans
- ISO 14001 Environmental Management Systems
- Statements of Environmental Effects
- Ecological Studies & Bush Fire Impact Assessments
- Expert Witness Evidence & Reports
- Corporate Social Responsibility Technical Services
- Green Star, BASIX, ABGR, BCA Section J & Energy Audits
- Web & Video Media Services
- Wind Tunnel Testing
- NATA Laboratory

Visit us at www.heggies.com or call **1 300 434 443** to find out more.

Heggies Pty Ltd is a member of the International SLR Group
www.slrconsulting.com