
NAME: Markus Krebs
NATIONALITY: Swiss and Australian
DATE OF BIRTH: 26 April 1957
PROFESSION: Electronics Engineer
POSITION IN FIRM: Systems Engineer

Field of Expertise:

- TEOM dust monitors, AQMS loggers and WinCollect
 - Partisol and HIVOL air samplers
 - Primary and secondary weather stations for mining companies
 - Miri AD2000 Telemetry modules
 - Sound knowledge in Unidata, Datataker DT50 and Campbell loggers
 - Soil moisture monitoring systems for viticulture industry
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Relevant Assignments:

- NATA signatory for conducting continuous monitoring of meteorological parameters and ambient air by TEOM dust monitors
 - Service and repair of TEOM dust monitors, Partisol air samplers and Ecotech HVAS 2000 and 3000 to Australian Standards
 - Service weather stations to Australian Standards
 - Design, install and commission remote weather stations monitored on the web or client's local area network (LAN)
 - Service and maintain flow monitoring and water quality measurement systems
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Key Qualifications and Affiliations:

Current - MARCSTA Mine Inducted
Current – various inductions for access to mine sites
Current - St John Ambulance First Aid Certificate
2005 - 1day training course on Nox Analysers (API Model)
2005 - 2day training course in operation of Campbell loggers
2005 - Graduate Certificate in Small Business Growth Management
2005 - 1/2day training course in operation of Datataker DT50 loggers
2004 - 2day training course in maintenance of TEOM dust samplers
2001 - Certificate of Achievement in 4WD Off Road Driving Techniques

Employment History:

2005 – current

Business Manager - KREBS Services

- Ecowise Environmental WA
Serviced and calibrated 12 TEOMs and 3 Partisols located at Alcoa refineries. This included the routine monthly service as well as a 6 monthly and a 12 monthly full maintenance.
- Overhauled and repaired Ecotech HVAS 2000 air samplers
- Fitted a battery backup option to over a dozen Ecotech HVAS 3000 units.
- Serviced two primary and two secondary weather stations on a regular interval.
- Installed a weather station in an extremely remote area, approximately 260km NW of Ceduna.
- Setup AQMS software and WinCollect to collect TEOM data from remote sites via GSM telemetry.
- Upgraded a weather station at Iluka Eneabba to transmit the data in real time to the control room PLC via a Miri AD2000 unit.

- Unidata
Installed four linear displacement sensors and a data logger to monitor the expansion of the Windan Bridge on Graham Farmer Freeway.

- MEA
Appointed as accredited agent (key distributor) of Western Australia for their soil moisture range of products. Installed 35 monitoring sites at vineyards in the Harvey district.

2001 – 2004

Systems Engineer - Ecowise Data Services Pty Ltd, a joint venture with Unidata Australia.

- Alcoa Australia
Maintained fully telemetered turbidity monitoring system at 19 sites located on Huntly and Willowdale mine sites. Installed weather station at Pinjarra.
- Argyle Diamonds
Provided technical support to fully telemetered stream gauging stations recording flow, pH, EC, turbidity and meteorological parameters.
- BHP Port Hedland
Installed and commissioned telemetered turbidity monitoring system at ship loading facility.
- Sons of Gwalia, Greenbushes
Serviced and maintained automatic weather station on a 6 monthly basis.

- St.Ives Goldmine, Kambalda

Serviced and maintained automatic weather station with evaporation system on a quarterly basis.

- Prepared quotes for new projects, large and small.
- Assisted in on-line bid event
- Provided technical backup support to customers.
- Implemented IT based office network.

1992 – 2000

Managing Director – Unidata Europe (Starlog) GmbH, Gerolzhofen, Germany

- Established subsidiary in Germany for UNIDATA Australia. Successfully introduced their data loggers and field monitoring instruments to the German market.
- Restructured the subsidiary during 1999/2000. Introduced the use of a call centre to assist the sales department.
- Set up a technical support centre for the German market.

1987 – 1991

Sales Manager – Unidata, Perth, Australia

- Made changes to the sales department, became responsible for the Starlog data logger range of products.
- Located new customers and distributors.
- Implemented training seminars for customers and distributors.
- Prepared brochures and product catalogues for the German market.

1984 – 1987

Electronics Engineer – Unidata, Perth, Australia

- Responsible for the Starplex data acquisition and control system.
- Improved software and various interface boards.
- Tested complete Starplex systems and installed them on mine sites.

1983 – 1984

Software Support Technician – Siemens–Albis AG, Zurich, Switzerland

- Managed computer room with Intel workstations for the research and development department.
- Assisted software engineers with machine language coding in assembler.

Overseas Assignments:

Germany
Switzerland

Languages and Degree of Proficiency:

English: excellent
German: excellent
French: good
Italian: good

Last Updated: 25/10/2005