

Hugh Robertson Electronic systems designer.

Hugh Robertson has been working in electronics and computing for in excess of 40 years. His experience includes design of hardware for micro processor, analogue systems, embedded systems, Linux and various software languages. These systems have been used to monitor and control vehicles, large mining machines, ticketing systems. He has recently been using the internet of things for data logging and controlling, remote embedded systems.

For the last 10 years he has been interfacing lithium battery systems with electric vehicles.

Hugh has designed several battery management systems (BMS) for lithium batteries and data capture. Hugh was part of the original team that designed the BMS system for the Modex vehicle developing it from initial idea to production 10 years ago.

His expertise include:

- Misra C programming for embedded systems.
- System, hardware and software design for control, data capture, data logging.
- Generation of requirements, design and test specifications..
- Design, production and support of battery management systems.
- Networking.
- Linux systems

