



INTEGRATE IMS

For OEM

Expert System • Battery Management • New features



INTEGRATE IMS INTO YOUR OEM POWER SYSTEM

IMS technology has been designed to primarily replace battery and power system maintenance routines. This is achieved through advanced data acquisition, analysis, prediction and judgement techniques implemented within an expert system.

- An OEM can integrate IMS into their system, typically within a system controller/monitor device.
- IMS can utilise existing OEM hardware infrastructure.
- IMS can take-over, or augment, or operate in parallel with, the monitoring and decision making capabilities of existing product.
- An OEM can configure the functionality of the IMS universal input scheme, data manipulation engine, and high-level analysis engine.

IMS is a flexible generic software based platform for managing power systems. IMS can:

- measure individual battery cells, cell interconnects, current shunts, temperature sensors, and other system sensors and devices. Measurement includes on-line battery impedance.
- analyse and store power system data efficiently for local electronic record keeping. An expert system makes local predictions and judgements.
- make predictions on battery performance.
- call home and facilitate maintenance activation.
- introduce new decision making and control capabilities, including *SmartControl*[™] processes to prolong battery life.

Telepower Australia works with an OEM to best apply IMS technology so that the OEM's product meets specific manufacturing and marketing needs.

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