



**The TIG Plant Maintenance Assistant
turns a mountain into a molehill.**



TIG

Anything's possible.

From the big jobs right down to the small jobs, TIG's Plant Maintenance Assistant (PMA) makes planned and unscheduled jobs, materials consumption and equipment management easy.

The PMA is a software application written to provide companies with a paper free procedure for collecting information when performing maintenance on any piece of equipment.

Utilising bar coding and RFID technology with mobile hand held computing devices, the PMA eliminates paperwork and manual collection of data. It is a "batch mode" application, which means a "batch" of work is performed and recorded on the hand held device and the results are later communicated back into the computerised maintenance system. These results may include updated job status, bill of materials, stock take and inventory replenishment, time consumed and other maintenance related data.

Periodically maintenance technicians will need to perform a stock take of their float of materials and replenish from a main store. The PMA facilitates the stock take and automatically creates a replenishment order to deliver to the main inventory control system, providing the fastest and most reliable method for ensuring repair technicians are fully equipped and carry appropriate inventory.



Because RFID technology does not require Line of Sight to operate, introducing this technology into the maintenance regime can significantly assist identification of equipment being serviced, particularly if the maintenance environment is prone to dust and dirt.

RFID technology therefore forms the basis of the Electronic Log Book allowing data relating to an individual piece of equipment to be stored with the equipment. Data can read from the RFID tag and new data written to the RFID tag including when the equipment was last serviced or checked, by whom and when. As RFID technology develops the storage capacity of the tags will significantly increase.

The PMA solution and Electronic Log Book communicates with your existing inventory and maintenance system, allowing maintenance technicians to perform remote data entry recording job information, manage materials consumed, and update RFID tags with service information in the field, using the fastest combination of automated data entry and technology.

For further information please call TIG on 02 02 9407 8770 or visit our website at www.tigint.com



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