



M.D.J. Light Bros.
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“We chose SAP Waste & Recycling One as it would increase efficiency and optimise centralisation of job management, scheduling, financial reporting and operational business intelligence, cutting administration, processing time and financial routines significantly across multiple sites. We also wanted a partner who could continue to work with us in the development of a solution to ensure our continued competitive advantage in the sector.”

Pete Burrluck – IT Manager;
Jonathan Light – Director
MDJ Light Bros. UK Ltd



MDJ Light Bros.
Success Story



The Situation

MDJ Light Bros. is a multi stream waste and recycling company. Specialising in Hazardous Waste, Plastics, Metals, Glass Recycling and End of Live Vehicles (ELV). More recently they have become industry leaders in Waste Electrical and Electronic Equipment (WEEE) Recycling. They are an Approved Authorised Treatment Facility (AATF) and Approved Exporter (AE). MDJ Light Bros. were incorporated in 1971. Their headquarters are based in Lewes, East Sussex and operate 5 sites, 3 include weighbridges.

MDJ Light Bros. are recognised throughout England as having a leading position gained from an early and lucrative hold in WEEE reprocessing. By reinvesting in the very latest technology, processing and equipment, the company have been able to enhance operations, maximise efficiency, reduce costs and increase throughput in this complex yet productive recycling vertical.

Leadership and Recognition

The Environment Agency has also recognised MDJ Light Bros. proactive nature and significant help in the development of reporting processes and legislative requirements in the electronic equipment (WEEE) reprocessing sector.

In early 2008 however, MDJ Light Bros. recognised that they had significant difficulties with the separate software applications they used – An industry standard accounting solution for small companies and a specialist waste management software application for operations. Numerous spreadsheets were also used to compensate for functions that the other two applications could not provide.



Ahead of the Game – New Rules, New Regulations

MDJ Light Bros. legacy waste management software was not flexible enough to cope with the growing complexity of WEEE reprocessing. It could not cope with the required statutory documents, like Consignment Notes. The reports especially had become additional administration work outside of the core business processes. When data was not captured, which was often the case, a vast amount of time was taken to trace orders or paper work containing original data in which to track the lost information. What should have been simple administration, control and reporting on jobs was becoming increasingly difficult and very labour intensive.

MDJ Light Bros. operates multiple transfer jobs between internal sites; there are a large number of cyclical, scheduled rounds, this also includes a variety of ad hoc collections and disposals. There was no centralised job scheduling, container or vehicle management and each site operated as a separate entity. This created “silos” of information making any type of consolidation, financial or operational, difficult and very lengthy.

Although designed specifically for the vertical, the legacy system could not keep up with the dynamic nature of the WEEE waste and recycling sector. There was no flexibility to quickly add user defined fields to the solution, to capture or retrieve data. And to link and report on MDJ’s multiple-site scheduling activities. In turn this made reporting and the documents required for WEEE, with the additional complexity of being a Compliance Scheme, almost impossible. A new solution had to be investigated.

Compliance and Continuity

Continuity of business process and data flow throughout MDJ Light Bros. site’s made efficiency an issue. The sites worked to organic processes developed over long periods of time, primarily dictated by old software and manual work. Job and order scheduling, weighing process, site transfer data and reporting were all vastly different. Each site also used separate accounting software. Accounting periods were lengthy and an administrative burden. It was very difficult to gather any information to aid in making decisions.



If MDJ Light Bros were to continue their market leading position a solution had to be found. It needed to drastically increase efficiency on each site, consolidate data through centralised control, integrating all aspects of the business, be able to handle each specialised waste stream and it had to be flexible due to continually changing legislation, not just due to complex WEEE legislation but all types of statutory waste and recycling reporting.

The required solution also needed to offer scalability for growth and allow instantaneous deployment across sites and new ventures. To be able to collate both operational and accounting information at one centralised point. To allow management a greater degree of control and could use to base decisions upon. Above all MDJ Light Bros. wanted it to be a long term investment, so it had to be robust, secure, established, and built on standard technology with the confidence to last into the well into the future.

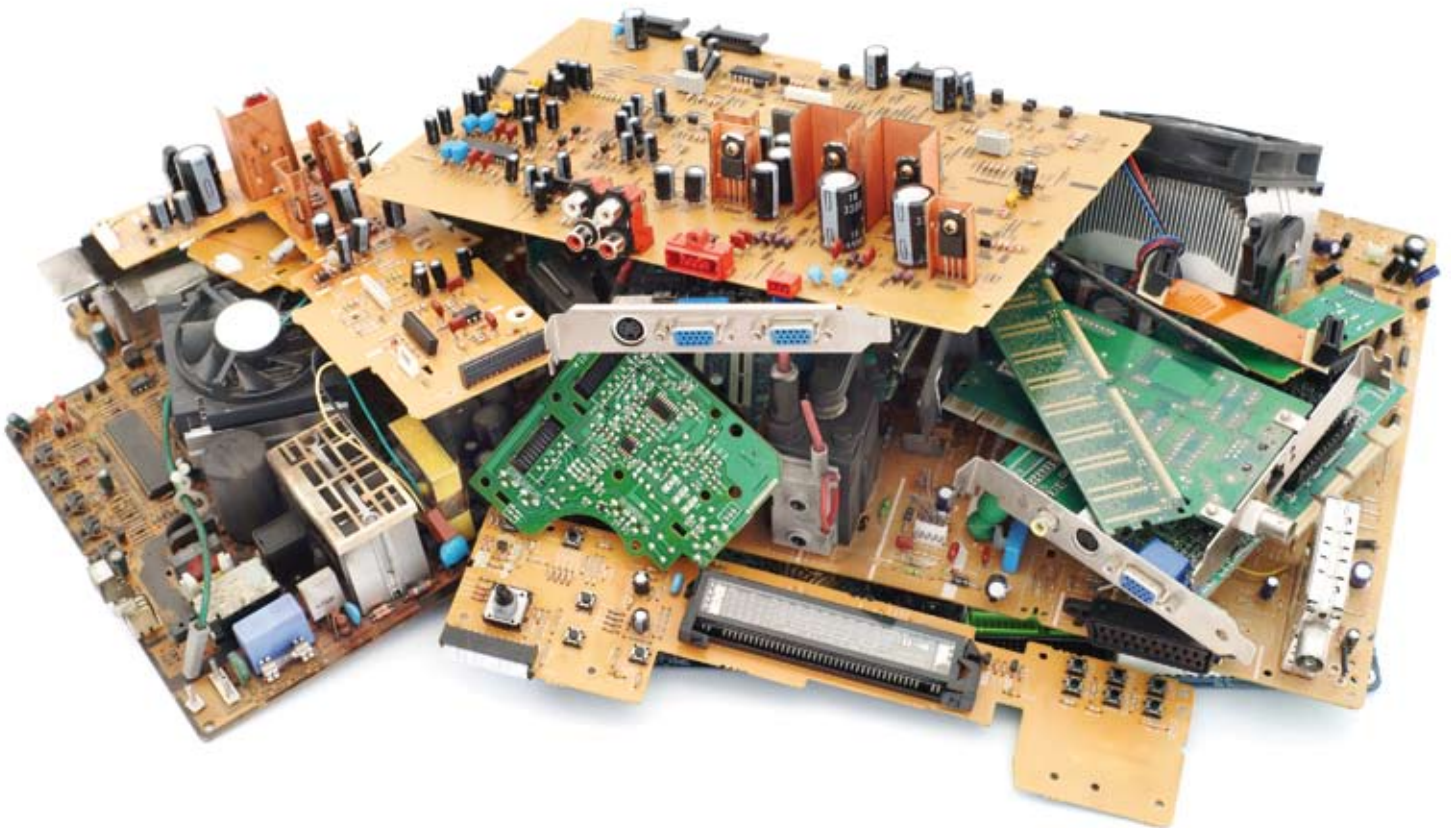
A Proactive Partnership

MDJ Light Bros. had seen SAP Waste & Recycling One at industry exhibitions. They understood it could be deployed across numerous sites and can handle all waste classifications. MDJ Light Bros. also knew that SAP was a robust, scalable and flexible system that would suit their dynamic requirements.

ISB Global was invited to demonstrate the SAP endorsed solution. It soon became apparent that a number of attributes made the solution a clear winner over the other vendors on the short list.

Direct integration with numerous weighbridges, fully embedded customer relationship management (CRM). Flexible enough for the management team to tailor without the need for expensive consulting days. A stable product, unified technology, industry standard reporting tools – SAP Business Objects Crystal Reports and a “roadmap” that gave confidence for the long term of the product.

These clear advantages gave SAP Waste & Recycling One the lead. ISB Global also had the lead over its competitors because of their project delivery methodology. The industry standard PRINCE2, coupled with SAP’s rapid implementation methods won ISB Global the project early 2008.



Delivering State-of-the-Art

Scope for the project was significant. SAP Waste & Recycling One would manage all of the issues that MDJ Light Bros. had with their legacy applications. Included were several aspects of automation, ensuring workflow was made a great deal faster. Reporting protocols have also been introduced that eradicate administration that used to take up so much time.

Automated information flow back to the Compliance Schemes. Incremental Consignment Note numbering and automated Environment Agency Reporting uploads are a simple example of what has been possible but have been so critical in saving time. Mass Balance Recycling Reports have also been introduced, something the Environment Agency were particularly enthused about.

Offline Weighing via a “Stand-Alone” Weighbridge solution is now possible due to MDJ’s comprehensive network of scheduling and weighbridge activity. An automated, Online Sales Quotation Solution is the next phase.



However, it doesn’t stop there for MDJ Light Bros. Migration to hand held devices, so that data can be input straight into SAP Waste & Recycling One by different mobile operators is key to further efficiency, speed of billing and tracking. Automatic Number Plate Recognition (ANPR) is also planned for the near future.

SAP Waste & Recycling One

SAP Waste and Recycling One is a fully integrated business management software solution. It is built on world class technology software – SAP, the largest business management software company in the world. It integrates all functional areas of a waste and recycling company. Accounts, Financials, Customer Service and Relationship Management, Sales and Purchase Order Processing, Stock, Warehousing, Supply Chain and Manufacturing for reprocessing and recycling companies.



SAP Waste & Recycling One aids in the complex management of Customers and Suppliers, Job and Order Scheduling, Multiple Waste Classifications, Vehicle, Route Management and GPS Mapping, Weighbridge Integration, Telemetry, Service Delivery and Depot Management, Reporting and Compliance Management, Confirmation, Invoicing and Business Intelligence.

Partners

ISB Global and Waste & Recycling One have been awarded Software Solutions Partner (SSP) by SAP. This gives customers the security in knowing that SAP fully supports and endorses the solution. There is a wide range of support offered to the SAP customer that includes: a Customer Portal, free Patch Updates, Free Upgrades, Knowledge Forums, Expert Communities and complimentary Reporting Templates.

Implico has been established for over 25 years and offering its SAP endorsed business management software solutions to the public and private sector in Waste, Recycling, Energy Utilities, Oil and Gas. It supplies software and services to the largest municipal waste organisation and the second largest private waste and recycling company in Europe. Five out of the top ten Oil Companies in the World, has offices in the UK, Germany, USA, Switzerland and Malaysia.



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