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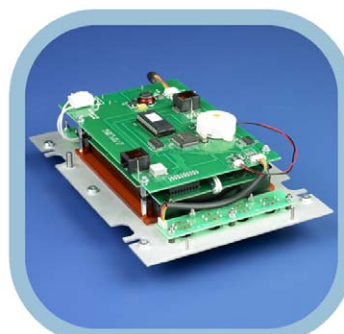
## Made In Britain

The Far East, particularly China and Taiwan, is renowned for capturing a sizeable percentage of the UK's electronic market. Unfortunately, the Contract Electronic Manufacturing and PCB manufacturing industries are no exception to this either, with the 'manufacturing exodus' ever increasing.

Although there is no denying that the Far East has been providing extremely competitive large volume prices, S2S Electronics, still believe they have 3 major competitive advantages; rapid turnaround prototypes, flexibility, and continuous support throughout projects from 'cradle to grave'.

The Huddersfield based CEM, offers a unique closed loop solution to electronic and electrical requirements; which is critical to their innovative customers who must get their products promptly to the market right first time. S2S offer solutions from electronic design, manufacture and box build right through to environmental solutions for end of life electronic equipment. Having the ability to provide a complete turnkey solution enables S2S to oversee all aspects of the project and provide full support to their clients.

In addition, as customer demands are not always consistent, being a local contractor allows S2S to have the flexibility to adapt to these changes. This is obviously not the case for offshore supply which is not as easy to switch on and off.





## Rapid Prototyping

Design

S2S Electronics have found that no matter how well managed; most projects still require short lead times. Having the benefit of two efficient production lines, S2S Electronics has the ability to offer rapid turnaround prototypes in response to this inevitable demand.

As flexibility is key to the S2S approach, extremely low volumes, i.e. 1 or 2 PCBs can be assembled. This effective service however is not constrained just to the population of PCBs as blank circuit boards can also be provided and on lead times as low as 24 hours.

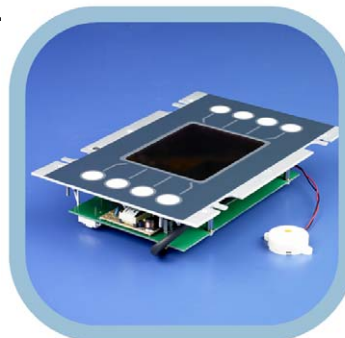
Manufacture

Having the benefit of an established design team means S2S can support you with the introduction of new PCB technologies, whether a new product development or simply a re-engineering concept. The synergy between the manufacturing and design departments closes the loop in the supply chain and therefore ensures boards are designed with ease of manufacture and de-manufacture in mind.

Box Build

S2S Electronics' manufacturing competences include offering fully RoHS compliant conventional and SMT production lines for the rapid assembly of prototypes, small batch trials, through to medium volume production for single sided and multi-layer PCBs.

Recycling





## WEEE Electronics Recyclers Join Forces

Design

Bruce Electronics Recycling based in Sheffield, and RID (UK) Ltd of Huddersfield have recently merged into a new company, which is now known as '**Bruce R.I.D. Recycling Limited.**'

Bruce Electronics and RID have been working collectively for a number of years, recycling equipment from end users, retailers, institutions, maintenance companies and electronics manufacturers. The merger reinforces the new company's position as one of the UK's most experienced electronics processing and recycling facilities, with the capacity to deal with large volumes of WEEE items.

Manufacture

The company is based at March Street Sheffield where processing equipment can manage shredding, dis-assembly, and CRT disposal, recovering cable, all metals, plastics and glass which are recycled.

There is a state of the art CRT splitting plant on site to meet the requirements of the WEEE directive. It is able to split TV/monitor tubes and recover both the lead and barium glass fractions separately, allowing them to be sent for reuse after cleaning and shredding.

Box Build

## New AOI Machine

Automation is proving to be a key factor in all areas of the electronics industry, due to the ever-increasing demand for providing competitive prices whilst still maintaining quality; and inspection is no exception.

S2S Electronics has recently installed a new efficient AOI (Automated Optical Inspection) machine that inspects the accuracy of the placement of SMT and conventional components, and the effectiveness of the individual solder joints utilising scanner technology. As S2S always carry out 100% inspection, lead times have been lowered substantially.

Recycling

Continued investment in the business means S2S is competitive in providing a flexible solution to a very high standard.



## Continuous Growth and Success

Design

S2S Electronics approach obtaining new customers with a view to establishing long term contracts. It is believed that the long term loyalty of companies, such as one of the UK's leading manufacturers of CCTV domes, is due to our consistent support. Establishing close working relationships with their specialist design engineers throughout the design cycle has ensured that their surveillance domes and control systems are always commercially viable. During the last 20 years, S2S has provided them with support with their low volume prototypes and advised them with acceptable alternative components that are the same quality but much more favourable prices.

Manufacture

In addition, due to S2S's close working relationships with their component supplier partners as well as their off-shore purchasing power for blank boards, S2S has been able to supply all of its customers with competitive prices and a flexible call off service.

Box Build



Recycling

This consistent support has lead to a new contract with our loyal customer, to assemble PCBs for a new generation of CCTV domes.

Differentiation between CEM contractors is never straightforward and levels of quality in manufacture can be comparable S2S therefore believe that wher customers are making their decision on which contractor to use fo design and assembl , they probably evalua the levels of servic S2S strongly believe their level of service, especially flexibility and support, is what sets them apart.

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