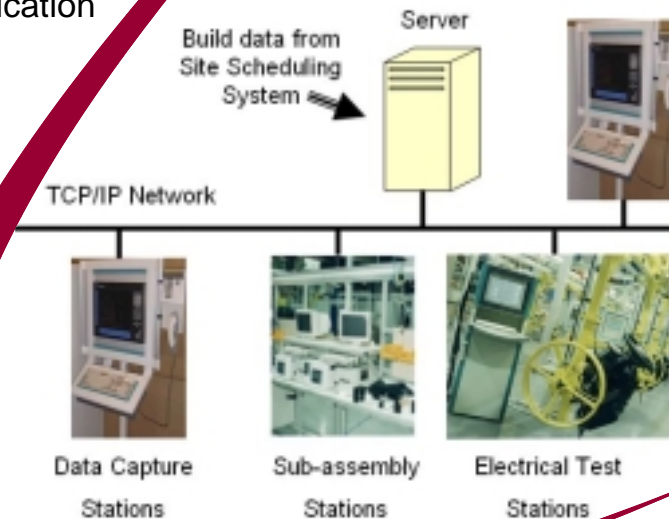




# ASSEMBLY PROCESS & TEST SYSTEMS

**Sorion** offer a comprehensive range of assembly process control and test systems. The main areas that are covered in the Sorion system are detailed below:

- Interface to build scheduling systems
- Component type validation against build specification
- Component ID data capture and validation
- Assembly process control (Textual and Graphic representations)
- Interface to and control of ancillary systems (Torque tooling, conveyor systems, etc.)
- Intrusive Electrical test of assemblies
- Serial Diagnostics to ECUs for programming, control and diagnostics
- Database systems for total system integration, results storage and data analysis



## SOLUTIONS

**Sorion** use a range of commercially available industrial computing and control hardware (ensuring continued availability and second sourcing opportunities). In addition to this hardware **Sorion** manufacture a range of specialist test interfaces to provide flexible and reliable systems.

Hardware packaging can be configured to suit the application, this typically consists of ruggedised PC enclosures or command arm style systems with panel PCs.

**Sorion** has a comprehensive range of software modules written in Visual Basic running under the industry standard Microsoft Windows 2000 or XP that can be readily configured to suit your specific requirements.



# ASSEMBLY PROCESS & TEST SYSTEMS

In today's fast changing technology one thing remains the same - the need to manufacture and test. No single "product" can adapt to the complex solutions required by industry. Some companies invest huge sums of money to develop several products to cope with this program (typically over engineered and costly) but still not meet the needs of the customer.

Here at **Sorion**, we feel that this situation can be cured by having a more custom design approach to our products. This approach allows us to use a common platform and components together with the customer's objectives to tailor a system to the customer's needs.

This approach has advantages in that the costs that would have been incurred developing a product can be utilised to fine-tune the system to your needs at an overall cost saving.

Unlike larger companies, **Sorion** have evolved with a dynamic team to be proactive in our approach and forward thinkers in our ability to highlight possible pitfalls, all in a bid to increase quality and to reduce delivery times to the customer.

**Sorion** can offer the following additional products and services



SUPPORT SERVICES



BATCH ASSEMBLY



RUGGEDISED CONNECTORS

**Sorion Electronics Ltd**  
Magreal Industrial Estate  
Freeth Street  
Ladywood  
Birmingham  
B16 0QZ



**Sorion Electronics Ltd**  
Tel: 0121 454 8966  
Fax: 0121 454 8970

Email: [enquires@sorion.co.uk](mailto:enquires@sorion.co.uk)  
Web: [www.sorion-group.com](http://www.sorion-group.com)