



Integrated Materials Handling Solutions

001

DESIGN BUILD AND INTEGRATE
CONSULTANCY AND STATISTICAL ANALYSIS
SOFTWARE CAPABILITIES AND WAREHOUSE CONTROLS
SORTATION, STORAGE AND CONVEYOR SYSTEMS
ASRS, WAREHOUSE AND EQUIPMENT SERVICES
MAINTENANCE AND SUPPORT SERVICES



SDI GROUP



About SDI

**SDI Group,
a leading specialist
in the provision
of integrated
materials handling
solutions for retail,
wholesale, fulfilment
and e-commerce
distribution operations.**

The Group's collective experience and expertise encompasses the entire spectrum of distribution centre operation and infrastructure, from consultation, design and building to installation, maintenance and support. As a global systems integrator, the Group designs solutions which improve productivity and retail sales margin while supporting sales growth.

Design, Build and Integrate

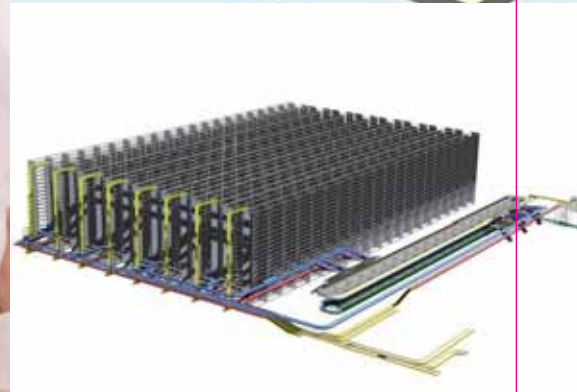
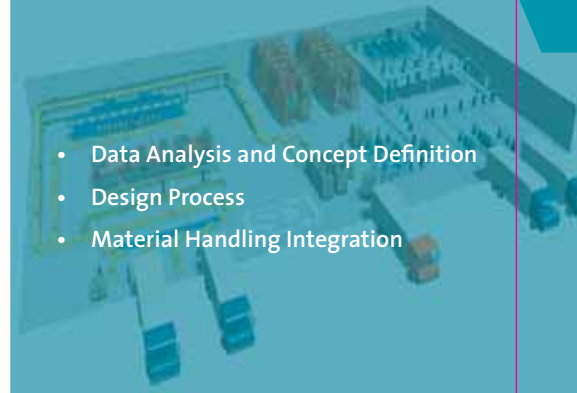
Through its DBI Method - Design Build Integrate - SDI develops customized solutions to meet the specific customer needs. This is achieved using detailed analysis, defining the production process and integrating the appropriate material handling solutions to ensure the productivity and rates required.

DESIGN, BUILD
AND INTEGRATE

The DBI Method - Design Build Integrate - is SDI's unique approach. The Design process produces a solution based on understanding the customer's business. Our analysis of the operational data allows us to produce a forecast in line with the customer's stated objectives. This allows our design engineers

to develop solutions specifically fitting the project requirements. Implementation follows the Design phase and includes the Build process of the chosen components. SDI provides the software and control systems to manage the entire logistics process whilst interfacing with the customer's WMS.

- Data Analysis and Concept Definition
- Design Process
- Material Handling Integration



Consultancy & Statistical Analysis

As SDI Group services include consultancy and systems integration, clients can benefit from a total logistics solution package which includes materials handling consulting, as well as design, engineering, fabrication, installation and integration services.

CONSULTANCY

- Process Flow
- Data Analysis
- Business Case Justification
- Complete Project Management & CDM
- Integration Services

The Group's collective experience and expertise encompasses the entire spectrum of distribution centre operation and infrastructure, from consultation, design and build to installation, maintenance and support. Its solutions are designed to improve productivity and retail sales margin while supporting sales growth.

In recent years clients have benefited from SDI Group's unique consultancy approach which has delivered innovative solutions that have brought real business benefits such as optimised workforce and increased operational efficiency, performance, visibility and control.

STATISTICAL ANALYSIS

- Performance Indexes
- Wave & Picking simulations
- Storage analysis
- Scenario definition
- Workload & personnel cost
- Return on Investment

"Design" is the SDI data driven method of work and it is the core of our uniqueness. SDI customises its process analysis to meet the specific needs of the customer, after having acquired a clear understanding of the customer's logistics processes and objectives. SDI determines

a customised process of analysis driven by retrospective analysis and the customer's growth projections.



Software Capabilities

As a specialist in the provision of materials handling solutions, SDI Group's business is underpinned by innovative software.

We are responsible for controlling the real-time activities within a distribution centre or warehouse and SDI Group's software provides optimisation, load balancing and visibility for the end user.

SOFTWARE CAPABILITIES

- Warehouse Management & Control
- Sortation Control
- RF & Voice Activated Systems
- Pick & Put to Light Systems
- Equipment Visualisation/SCADA
- Productivity Analysis & Reports
- Equipment Performance Reporting



Warehouse Controls

SDI's modular design and latest networking techniques allow the deployment of cost effective distributed controls. By minimising the amount of cabling and components the company ensures rapid installation and minimum spares holdings. Its Visualisation system provides real time views of all the control equipment with fault diagnosis and recovery facilities only a mouse click away.

- Circuit Design
- Panel Design
- PLC Code
- SCADA / Visualisation
- Installation & Commissioning
- 24 x 7 Customer Support



- Carton & Tote Sortation
- Book Sortation
- Multimedia Sortation
- Hanging Garment Sortation
- Shoe Sortation
- Postal Sortation

Sortation Systems

SDI has unrivalled expertise in the design and implementation of space-saving and efficient sortation systems. The company offers a range of standard and bespoke sorters selecting best in class systems for each application that will deliver consistent, reliable and effective service. These are designed to handle all kinds of product such as jewellery, CDs, DVDs, books, flat-packed garments, hanging garments, shoes, postal packages, cartons & totes.

SORTATION SYSTEMS



- Roller and Belt Conveyor
- Hanging Garment Conveyor
- Pallet Conveyor
- Packaging & Labelling Systems
- Volumetrics
- Scanning

Conveyor Systems

SDI is well known for the provision of high quality conveyor systems whether they are for simple gravity roller-based systems or for more complex 'state of the art' semi or fully automatic picking, packing and storage systems.





Automated Storage and Retrieval Systems

Automated Storage and Retrieval Systems are becoming increasingly important in today's modern warehousing environment where the emphasis is not only to quickly and efficiently move goods in and out of storage locations, but also to provide high density storage for both pallets and totes.

AUTOMATED STORAGE
AND RETRIEVAL SYSTEMS



- Mezzanine Floors
- Racking
- Benches & Workstations
- Ancillary Services
- Loading/Unloading Booms

Warehouse and Equipment Services

SDI specialises in providing solutions designed to improve space utilisation in warehouses to maximize storage space. This includes the installation of efficient racking systems, mezzanine flooring and ancillary services such as lighting, sprinklers and fire detection systems.



SDI offers a full range of after sales support and maintenance services from basic office hours telephonic systems and IT support, to providing a full time, 24-hour engineering maintenance presence on-site. For additional piece of mind the company also provides a rapid response call out service to deal with on-site problems and emergencies.

- Flexible Planned Preventative
- Maintenance Packages
- 24/7 Support
- Facility Management
- Consultancy
- Refurbishment
- Spare Parts Management

SDI Group offers a total solution that encompasses site maintenance and facilities management if required. As well as maintaining all material handling equipment, the company can provide an integrated solution that covers all areas of the warehouse with weekly and monthly checks for a range of site infrastructure such as lighting, sprinkler systems, fire pumps, emergency alarms, perimeter fencing, yards, docks and doors.

Maintenance & Support Services

As the leading integration specialist, SDI Group possesses the knowledge and experience to maintain any materials handling solution, offering a single point of contact for all customer requirements and removing the hassle of dealing with multiple suppliers. This unrivalled capability ranges from simple conveyor systems through to high technology automated storage and retrieval systems and sophisticated high speed flat pack, and carton sortation systems, as well as including a comprehensive understanding of the high level control systems that manage these types of complex operations.

MAINTENANCE
& SUPPORT SERVICES

EUROPE

UNITED KINGDOM

Tel: +44 (0)1763 244299

Email: info.uk@sdigroup.com

FRANCE

Tel: +33 1 60 88 28 60

Email: info.france@sdigroup.com

GERMANY

European Hardware Division

Tel: +49 521 32375-0

European Software Division

Tel: +49 2565 4040-0

Email: info.germany@sdigroup.com

ITALY

Tel: +39 0131 893103

Email: info.italy@sdigroup.com

NETHERLANDS

Tel: +31 251 272304

Email: info.netherlands@sdigropu.com

POLAND

Tel: +48 61 435 40 32

Email: info.poland@sdigroup.com

SPAIN

Tel: +34 93 635 8085

Email: info.spain@sdigroup.com

NORTH AND SOUTH AMERICA

USA

Tel: +1 818 890-6002

Email: info@sdiindustries.com

Website: www.sdiindustries.com

BRAZIL

Tel: +55 19 3707 1551

Email: info@sdigroup.com.br

Website: www.sdigroup.com.br

CHILE

Tel: +56 2 958.8000

Email: info@aisl.cl

Website: www.aisl.cl

INDIA

Tel: +91 222 2040846

Email: contact@sdigroup.com

Website: www.sdigroupindia.com

AUSTRALIA AND NEW ZEALAND

AUSTRALIA

Tel: +61 (0)2 9680 8880

Email: info.australia@sdigroup.com

NEW ZEALAND

Tel: +61 (0)2 9680 8880

Email: info.newzealand@sdigroup.com



www.sdigroup.com

SDI...
GROUP

Tel: +44 (0)1763 244299

Web: www.sdigroup.com Email: info@sdigroup.com

SDI Group Ltd, 11 Jarman Way, Royston, Herts, SG8 5HW, UK