

DCSi.LOGISTICS has been designed from the outset as a total logistics solution to meet the needs of both global and domestic service providers.

It is the chosen solution of many of the worlds leading logistics organisations, with over 25,000 users in 70 countries.



DCSi.LOGISTICS is an integrated logistics solution designed for today's complex and evolving logistics marketplace.

SYSTEM DESIGN AND ARCHITECTURE

DCSi.LOGISTICS has been designed within a systems architecture which aims to mirror the entire supply chain from end to end.

Traditionally, each area of business activity has been covered by different organisations such as domestic transport, international carriers, forwarding agents, warehouse operators and distribution companies. However, the increasing integration of the global economy has opened new markets and there have been many mergers and acquisitions as logistics service providers strive to retain and increase market share.

DCS Transport and Logistics anticipated this change with the development of DCSi.Logistics, a transport management and information system model that provides a basis for the whole range of operational processes to be accommodated in one integrated application set.

DCSi.LOGISTICS is a fully integrated yet modular system. All modules share a common database with common functions for business administration, while different operational functions are in self-contained modules. This gives complete flexibility when implementing the system, and allows integration of new modules.

All DCSi.LOGISTICS modules are designed for multi-national use, offering multi-language, multi-currency and multi company facilities throughout. The user interface complies with accepted standards reducing learning time, and includes on-line help and code look up searches. The easy to use system can be accessed through traditional menus, while experienced users can navigate the system more quickly using fast path codes.

The operations modules provide specialised booking functions including imports and exports by air, sea, road, rail and domestic haulage.



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INTERNATIONAL FREIGHT

Flexible rate tables hold both contracted service agreements and standard tariffs, with profit sharing agreements also supported. Automatic pricing and costing provide spot quotes with subsequent conversion to firm bookings, giving immediate profit estimates.

Utilisation of physical transport can be maximized by means of the load planning module, which allows all traffic to be planned across multiple depots. This provides easy manipulation of trailer and container loading with optional load optimisation routines.

The required documentation can be produced automatically, with the ability to be sent electronically where appropriate. Customs declarations can also be produced and submitted electronically with interfaces available to many Customs authorities.

The tracking and tracing module automatically records status updates and allows immediate access to status information such as Proof of Delivery.

The comprehensive event management module allows scheduling, monitors events which are due, and provides immediate alerts of impending exceptions and delays to allow better management control.



 **DCS
TRANSPORT AND
LOGISTICS SOLUTIONS**

TERMINAL WAREHOUSING

The warehousing modules have been designed to cater for terminal operations with goods in transit, and provide all the warehousing functions required to offer a contract warehousing and distribution service. The system features user definable warehouse configuration for multiple warehouses, catering for both temperature controlled and bonded goods storage. Pick and pack operations are supported with optional consolidated picking routines.

The definition of "goods items" caters for pallets, cases and individual items. It will also accommodate awkward product packaging or a variety of multiple products packed in the same case.

Enquiries allow access to details of both stock and non-stock items, with many search keys available including consignment number (non-stock items), client's article number (stock or non-stock items) or case number. Comprehensive pricing facilities allow automated calculation of storage and transaction based charges which can be reviewed before processing by the Sales Invoicing module.

ADMINISTRATION

The administration modules include sales invoicing which can produce standard, sundry, and bulk invoices with flexible definition of invoice content and frequency of production. Purchase invoices can be entered and matched against expected costs with an optional facility for controlling authorisation and tracking over acceptance of costs.

Financial transactions are immediately transferred to the fully functional DCSi.Logistics accounts system and account balances updated in real time. Alternatively sales invoices, purchase invoices and accruals can be interfaced through to many recognised accounting packages and specialized interfaces can also be constructed.

MANAGEMENT INFORMATION

The system provides many on-line enquiries and reports, while the integral statistics database provides easily understood file structures for those who want to produce their own reports and enquiries. The data can be converted, by using standard PC packages, to a graphical format for easy analysis.

CUSTOMER SERVICE

Quality customer service is essential to building successful business relationships.

DCSi.LOGISTICS's comprehensive client database allows you to build an accurate profile of existing customers and prospects. Powerful on-line searches allow immediate response to customers enquiries including quotations which can be printed or faxed directly to the customer. The tracking and tracing system provides up-to-date information on the status of freight movements and administrative processes relating to customer orders. Customers can have on-line access to your system for tracking and tracing stock and order status enquiries. The DCSi.LOGISTICS inbuilt security system ensures their access is restricted to their data only.

J2EE

DCS has developed DCSi.LOGISTICS specifically to take advantage of the best features of the IBM iSeries eServer platform, these include:

- proven reliability
- scaleable architecture
- continually improving price performance
- easy to use operating system
- integral relational database
- comprehensive communications capability.

DCS can offer full or partial managed IT services from our dedicated outsourcing centre. These services include midrange operations, desktop management, applications management, web hosting and ASP hosting services.

COMMUNICATIONS

Electronic communications is now an essential component of any IT system. In addition to the telephone, fax, and email, there is a growing need to utilise the benefits of Electronic Data Interchange. This can be used for receiving bookings and order information from customers, obtaining service and status information from carriers and other suppliers and sending out sales invoices.

DCSi.LOGISTICS has a core document control module, which can process these and other documents in either printed or electronic form.



MODULE SUMMARY

Freight Forwarding

- Air, sea, road, and rail freight
- Export import domestic
- Freight bookings
- Shipment templates
- Customs agency
- Freight documentation
- Load planning
- Profit share

Liner Agency

- Sailing schedules
- Bookings
- Documentation
- Carrier commission

Transport

- Trip planning
- Resource allocation
- Vehicle manifests
- Route planning
- Transport management

Express Parcels

- Consignment booking
- Bar coded consignment notes
- Proof of delivery tracking

Terminal Warehousing

- Multiple depots
- User definable zones
- Handles goods in transit (non stock items)
- Private and third party stock
- Full stock transaction history
- Pick and pack
- Cross docking
- Activity based costing
- Storage charge calculation
- Delivery notes
- Commercial invoicing
- Purchase order management
- Kit build

Finance and Administration

- Multiple currency
- Sales invoicing
- Purchase invoice processing
- Auto-pricing
- Job accounting
- Supplier quality management
- Financial accounting
- Integrated DCS ledgers

Customer Service

- Client/prospect database
- Product/service enquiry
- Quotations, tariffs and agreements
- Tracking and tracing
- On-line customer access

Communications

- Document control
- Customer specific documents
- Fax
- EDI interface
- E-mail
- Networked systems
- Internet/intranet

e-Business

- Service enquiries
- Quotations & bookings
- Documents
- Tracking & tracing
- Status updates
- Billing enquiries
- Performance statistics

Interfaces

- Customs authorities
- Financial systems
- Executive information systems
- Shop floor data collection systems
- Document imaging systems

DCSi.Logistics provides a total solution for all aspects of logistics and freight forwarding.

It is a fully integrated yet modular system which combines core modules with new technologies such as radio data terminals, mobile communications, digital document imaging, voice enhanced applications and on-board computing.

