



## MODULES

Feature-packed modular system to quickly and cost effectively despatch and control all aspects of freight management while fulfilling customer expectations within an e-commerce environment.

Modular construction:	Ability to grow from basic module to fully integrated solution
Local & Wide Area Network Option:	Win 200X, XP, Vista, Windows 7, Terminal Services, Citrix
Interface with ERP / WMS	Bi-Directional intergration utilising XML or Web Services
Multi-carrier:	Compliant with all freight carriers
Multi-sender:	Process several companies/divisions through one system
Bulk Distribution/Bulk Mailout:	Daily, Weekly, Monthly, Quarterly or Annually
Least Cost Routing	Ability to automatically select cheapest/fastest option for every shipment
Barcoded labels:	All major carrier formats preset within system
Generic connotes:	Generic A4 Format
Carrier Manifests:	By state, by sender, by account
Carrier Download:	Freight EDI data transfer via secure IFS Global - Telco Data Bureau
Receiver ASN Email	Email ASN notification to Receiver order has been despatched
Comprehensive search facility:	Locate by receiver, order no, connote no, etc
Automatic POD Inquiry:	Via Website and/or email
COD Tracking	Confirmation of Delivery & milestone tracking of every shipment
Volume Alert email:	Inform carrier of freight volume during day
Fashion industry module:	Garment labelling
Multiple "Charge To" options:	Sender, Receiver Pays, 3rd Party Pays
Freight consultant download:	Freight EDI data transfer via IFS Global/Telco Bureau
Automatic consolidation:	Consolidate multiple orders to one consignment
Complete Historical Tracking:	Historical freight movement profile
Asset Tracking:	Track movement of pallets etc with full reporting functionality
Cost Control:	Major reduction in despatch costs & freight cost control
IFS SmartFreight® Express	IFS Web-Hosted system for smaller branch networks

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## FEATURES

### Modular Construction

IFS Global have deliberately designed their new generation of software to be completely modular to allow a customer to choose and only pay for those modules that they wish to use. Larger organization may utilise many or most of the modules available but if all encompassed in one program this can be onerous or too sophisticated for smaller users. Our clients have the freedom to start with the very basic model of the system & add modules as the need arises without costly re-installation or training.

Many carrier proprietary systems are available in the marketplace however they are usually limited to only allow one carrier's freight to be processed or at best only print a basic un-barcoded label & connote for other carriers with no ability to price freight or trade electronically with other carriers of your choice.

### Pricing

All carrier rates including courier rates can be entered into system which can be accurately and easily maintained by your company personnel or if required with assistance from IFS Global.

On-screen pricing including a 'Markup' function is available to assist with cost control & recovery from customer if desired. System when interfaced can pass freight cost and/or markup back to In-house ERP/WMS system in real time to be added to invoice if required.

### Freight Estimator

Module available to accurately predict the cost of freight across all potential carriers to assist with customer inquiries, budgeting requirements and logistical planning.

### Least Cost Routing

Module available, which can allow system to display & select the cheapest freight option taking into account Transit Time if appropriate from those carriers in system that can ship to a given destination. Can be automated if interfaced with In-House ERP/WMS system or manual choice by operator if consignments being created via keyboard.

### Asset Tracking

Asset control of items such as pallets, cages, stillages etc can be easily managed through system with ability to book to receivers and/or carriers via exchange or transfer with corresponding reporting functionality to minimise potential disputes over ownership.

### Data Export

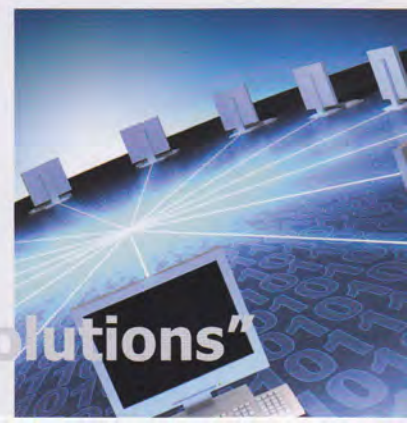
System has data export ability in numerous formats to allow you to create own reports/graph in Excel, Access etc or simply transfer data to another system.

### Dangerous Goods

Full Hazchem Dangerous Goods compliancy. Ability to ship multiple DG's on single consignment where provisions permit & automatic printing of generic Hazchem approved Dangerous Goods Declaration per shipment.

### COD Milestone Tracking

COD (Confirmation of Delivery) whereby tracking milestones from point of Pickup until final delivery can be retrieved from cooperative freight carriers & imported back into original shipment. Exception reporting on non-delivered freight & KPI / DIFOT Reporting then available.



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ALLIANCES

### Independence & Flexibility

You may have been introduced to IFS SmartFreight® Enterprise by a transport company or freight consultant but IFS Global is a completely independent organisation providing you, the customer, with a true multi-carrier solution to effectively manage all your freight requirements both immediate & long term.

### E- Commerce

IFS Global were the pioneers in the mid-90's with the introduction of electronic data interchange (EDI) to multiple freight carriers via the use of our secure Data Bureau built & supported by a major Telco around the globe.

**At the time of this literature being produced an average of 16 million consignments representing over 32 million individual items of freight per year are being processed with capacity to accommodate a hundred-fold increase in volume.**

This system has now been refined to be a multi-functional data exchange bureau utilising the latest in FTP/HTTP & Internet technology. The system maintains an online capability with all of IFS Global's clients worldwide to allow for fast & efficient transfer of freight data to carriers in their desired formats and maintenance of customers system in relation to upgrades & freight rate alterations. Two-way communication with freight carriers is also possible with those carriers offering real time POD's, electronic invoicing, COD Tracking etc.

The VAN (Value Added Network) was expanded during 1999 to include other interested parties in the supply chain, namely receivers of goods and freight consultants, when involved with a company's freight management, to begin to work toward true B2B & B2C interaction.

Future developments include a simplified Internet version of IFS SmartFreight® Enterprise, called IFS SmartFreight® Express, a web-hosted based solution for those smaller companies that may not merit a more comprehensive system, organizations that have satellite branches that despatch low volumes of freight or office based operations that may have low volume freight requirements.

### Freight Carrier Compliancy

IFS Global have always strived to engender an alliance relationship with freight carriers to provide data & physical freight from IFS SmartFreight® Enterprise customers in an accepted & timely fashion. This has by & large been embraced by most larger forward-looking carriers with an eye to cost savings & smaller more dynamic carriers who do not possess the IT capability to develop their own systems.

Barcoded labels, barcoded connotes & data files pre-programmed to the carriers' specific requirements are a standard feature of the program for all major transport companies operating in the marketplace. Smaller freight carriers are also accommodated by use of default settings.

Most large freight carriers have contracted with IFS Global to accept data from our IFS Secure EDI Bureau for processing of freight and a percentage will, upon agreement with customer, remote print connotes on the customers behalf upon receipt of file.

Your IFS Global representative can provide you with a detailed list of those larger carriers currently receiving data from our bureau & confirmation of compliancy with all other Australia & New Zealand freight carriers in relation to paperwork or alternatively check our website at [www.ifsonline.net](http://www.ifsonline.net).



A carrier may not agree to take a download file but will still accept a generic connote. If you do not find those carriers that you are listed, please confirm with your IFS Global representative, as the list of carriers not working with IFS Global is a lot smaller than the list of ones that are!

### ERP/WMS Intergration

IFS Global have formed a number of strategic alliances with the major innovators within the transport, telecommunications & technology industries to allow our clients access to their various areas of expertise when required. 'Off-the-Shelf' seamless interfaces exist between IFS SmartFreight® Enterprise & most of the market-leading ERP/WMS systems as do electronic links with many carrier in-house billing & tracking systems. Please visit our website at [www.ifsonline.net](http://www.ifsonline.net) for links to these alliance partners in your local territory or to ascertain if interface exists with your current ERP/WMS system. If you do not locate your specific system please discuss with your local IFS Global representative regarding steps involved with interfacing.



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**ORDER SYSTEM**

**ERP / WMS PROGRAM**

Export XML file to IFS SmartFreight®  
Import XML file from IFS SmartFreight®

**PICKING SLIP**

Print Picking slip  
Pick & Pack Order

**INVOICE CREATION**

Invoice with Freight Cost plus Markup  
Attach Invoice to Freight

**IFS SmartFreight®**

Consignment Note Creation  
Freight Cost Calculation  
Least Cost Routing  
Freight Label Printing  
Connote Printing  
Dangerous Goods Doc  
Manifest Printing

**TRACKING**

Real-Time Courier booking  
Real-Time Freight Tracking  
POD Website Link  
POD Email Request  
POD Request Log

**REPORTS**

Auto Invoice Reconciliation  
Carrier KPI / DIFOT Reports  
Cost Centre Analysis  
Over 70 Std Reports  
Crystal Report Writer



**WWW**

SECURE EDI DATA BUREAU

[www.ifsonline.net](http://www.ifsonline.net)

**CONSULTANT BROKER**

Invoice Reconciliation  
Rate Negotiation  
Freight Analysis

**FREIGHT CARRIERS**

Freight EDI Data Transfer  
Remote Connote Printing  
Real-Time Courier Booking  
Real-Time Freight Tracking  
Link to Carrier Website  
Auto Email to Request POD  
POD Request Log

**RECEIVER EMAIL ASN**

Alert Email to Receivers  
Alert Email to Receivers HQ  
Alert Email to Sales Rep



### Invoice Reconciliation

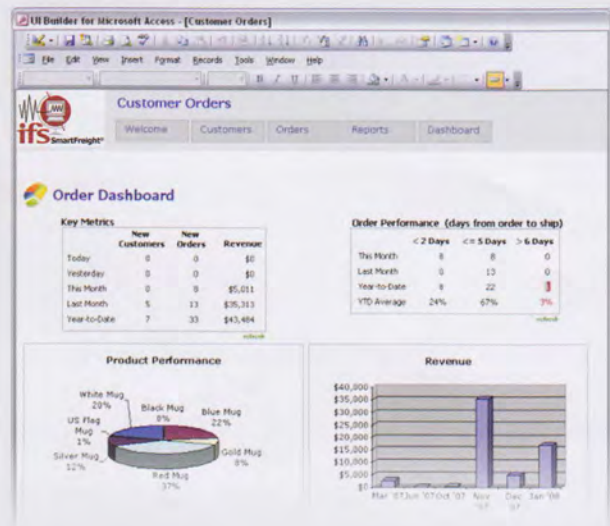
Ability to automatically reconcile freight carrier invoices provided electronically by freight carriers in seconds. Simple Excel format required to be provided by carrier. Agreed consignments reconciled for payment with exception reporting as follows:

- Any consignment charged twice on same invoice
- Any consignment charged on previous invoice
- Any variances between actual & charged with potential reasons
- Print agreed consignments to submit with payment
- Uncharged consignments to calculate accruals

### Dashboard Reporting

Comprehensive reporting capability utilising Crystal Reports to not only accurately check carrier invoices but to provide detailed analysis on freight costs by ...

- Carrier
- Date
- Description
- Account
- Cost Centre
- Customer Groups
- Service
- Division
- Individual customer
- State
- Reference
- plus many others



### Cost Benefit Analysis

The following analysis shows the substantial costs savings a system such as IFS SmartFreight® Enterprise can generate even on the most basic level of eliminating warehouse staff manually despatching.

Average consignment 1 connote & 2 labels (savings exponentially increase if average labels per consignment higher).  
Warehouse staff cost of AUS\$25.00 – NZ\$27.50 per hour including on-costs.

#### Manual System

Time to produce 6 mins  
Cost per consignment AUD\$2.50 – NZD\$2.75

#### IFS SmartFreight® Enterprise

Time to produce 1 min  
Cost per consignment AUD\$0.42 – NZD\$0.46

### Cost v Benefit Analysis

Source - *Logistics Today USA* - Based upon hourly rate of warehouse staff of AUD\$25.00, NZD\$27.50

Projected Savings	Weekly		Yearly	
	AUD	NZD	AUD	NZD
10 cons /day	\$104.00	\$114.50	\$5,408.00	\$5,954.00
25 cons /day	\$260.00	\$286.25	\$13,520.00	\$14,885.00
50 cons /day	\$520.00	\$572.50	\$27,040.00	\$29,770.00
100 cons /day	\$1,040.00	\$1,145.00	\$54,080.00	\$59,540.00
250 cons /day	\$2,600.00	\$2,862.50	\$135,200.00	\$148,850.00
500 cons /day	\$5,200.00	\$5,725.00	\$270,400.00	\$297,700.00





## Architecture

Architecture:	NET Framework. 32 Bit & 64 Bit Systems
Operating Systems Supported:	Win 200X, XP, Vista, Windows 7, Terminal Services, Citrix Business / Professional / Enterprise / Ultimate Editions only
Minimum Requirement:	800MHz Processor, 512Mb Min, 1Gb or better recommended 800Mb HDD Free, .NET Framework 2.0 or above

## Installation Requirements

Database:	Format can be obtained from IFS Global representative
XML Integration:	Format or parameters can be obtained from IFS Global representative
Carrier Rates:	Normally obtained by IFS Global in electronic format from freight carriers
FTP/HTTP Capability:	Fixed IP Addresses provided to secure IFS Data Bureau

## Installation Process

Installation Time:	Typical installation on LAN with up to 10 workstations approximately 2 hours.
Administration Access:	If installing on network or accessing network for FTP/HTTP connection, it is crucial your IT personnel are present to allow access to system
Basic Training:	Operators will be shown how to create consignments, print labels, manifests & manifest only. It is suggested that only a proportion of your freight be processed first 2-3 days until detailed training has taken place. Allow approximately 1-2 hours.
Detailed Training:	An IFS Global technical trainer will attend premises after three days to undertake full comprehensive training, approx 1-2 hours, covering all aspects of system with warehouse operators, managers & customer service staff.
Manual:	A detailed but easy to follow manual with screen images is provided with the system to assist operators if required.
Online Help:	An interactive version of the manual is also contained within the software itself, which can be accessed by any User from main entry screen.
Website:	FAQ's are also available on our website to assist with more technical issues, along with links to alliance partner websites for such things as printer drivers etc.
Helpdesk:	Our telephone helpdesk is available to assist operators when required or alternatively we can be emailed with lower priority inquiries at <a href="mailto:helpdesk@ifsonline.net">helpdesk@ifsonline.net</a> (AUS) or <a href="mailto:helpdesk@nz.ifsglobal.net">helpdesk@nz.ifsglobal.net</a> (NZ)
Local Support:	IFS Global have always believed that a local presence is required to provide the level of support expected by our customers & as such IFS Global has built a network of both company employees & agents across Australia & New Zealand to service your needs. These support staff are available to attend a site within hours to provide technical assistance if necessary. Visit our website at <a href="http://www.ifsonline.net">www.ifsonline.net</a> for contact details of your local representative.
Global Support	IFS Global is constantly expanding its client base worldwide and at the time of publication, IFS SmartFreight® Enterprise is available and locally supported in Australia, New Zealand, United Kingdom, Ireland & South Africa. With other territories shortly to be added. Should you have operations in these or other countries please inquire with your local IFS Global office regarding IFS SmartFreight® Enterprise availability throughout your organisation.



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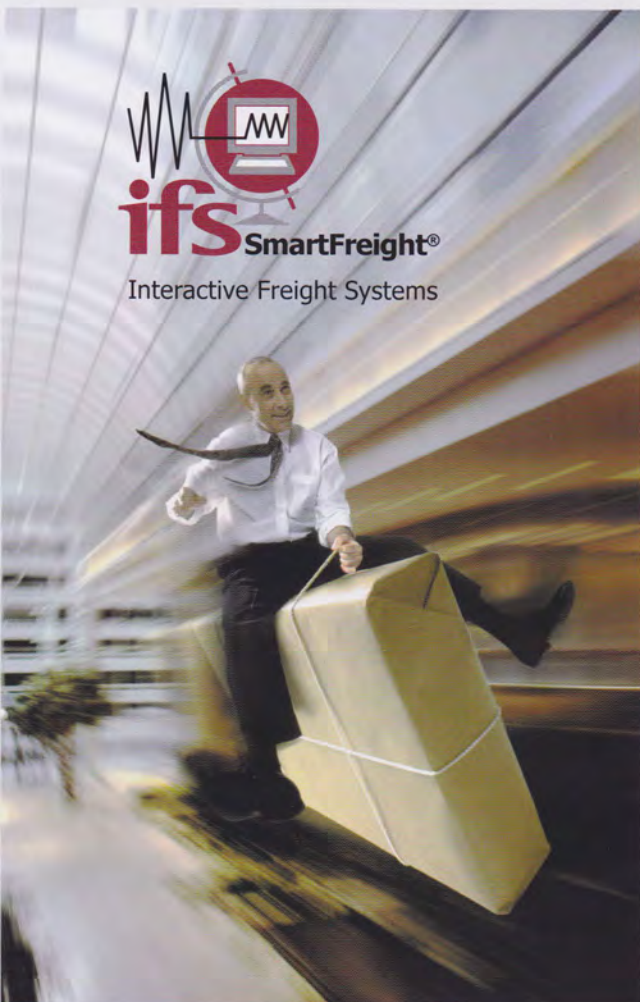
### IFS SmartFreight® Express

Web-Based freight management system for use in smaller volume operations such as satellite stores within large organisations.

Simple to configure and operate, with all basic functionality available in full featured IFS SmartFreight® Enterprise.

Fully Hosted by IFS on their Secure Data Bureau utilising multiple industrial servers and multiple Internet Service Providers for redundancy.

Can be linked back onto organisations Head Office IFS SmartFreight® Enterprise to provide full visibility of freight across entire organisation and facilitate centralized freight cost reconciliation and payment.



### Optional Modules

Several modules are available with IFS SmartFreight® Express

- Consignment Pricing** Pricing of all shipments based upon loaded freight rates with reporting capability to reconcile transport companies invoices
- Least Cost Routing** Ability to automatically select cheapest combination of carrier / service from loaded freight rates for every shipment despatched
- Receiver Email ASN** Send email to receiver of goods to inform them of despatch with embedded hyperlink to transport company tracking website
- History Storage** Storage of consignments up to three months included with base package, storage in excess of this can be arranged on fee basis
- ERP/WMS Integration** Ability to integrate with your ERP / WMS software, accounts system or website for online orders received utilising Web Service connectivity protocols

### Configuration

System can be configured for use by IFS within 72 hours with simple email address login & secure password. No special hardware required, utilises your existing laser printer with freight labels supplied by IFS

### Pay-As-You-Use

Minimal configuration fee thereafter operates on simple pay-as-you-use system via purchase of freight labels online from IFS makes IFS SmartFreight® Express the smart choice for those sites that were previously too small to merit a freight system



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