



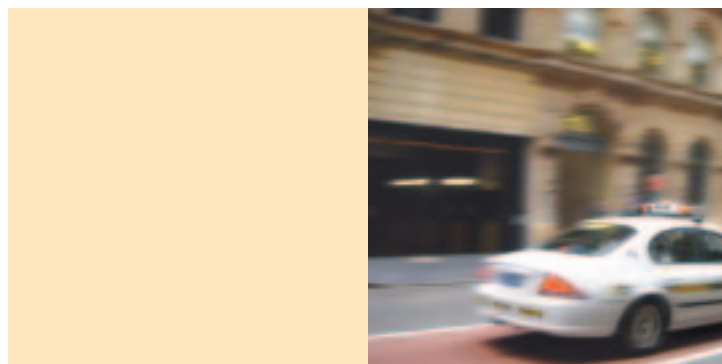
# HOW OUR MIDDLEWARE CAN TAKE YOUR BUSINESS ANYWHERE

Facilitating electronic interaction within your internal business systems and with external parties, GBST's suite of business integration products reduce administration costs and operational risk, and provide real time connectivity to industry providers, exchanges, clearing houses, and other market participants.

## INDUSTRY STANDARD CONNECTIVITY

Maximising the usability and adaptability of your existing systems, GBST Connect™ features open API and supports industry standard messaging definitions and protocols.

Solution	Business Integration Tool	Participant Type
Provides real time interfaces between GBST Shares™ and other business applications.	GBST Business Interface™	Retail and Institutional stockbrokers
Connects Shares™ seamlessly to the internet for retail investors or re-branded execution services.	GBST Online™	Retail and Institutional stockbrokers
Electronic creation and delivery of contract notes.	GBST ePOST™	Retail and Institutional stockbrokers
Electronic Trade Confirmation.	GBST ETC™	Retail and Institutional stockbrokers
Real-time messaging between IRESS IOS and GBST Shares™.	GBST- IRESS Interface™	Institutional stockbrokers
SWIFT enabled electronic trade settlement.	GBST ADAPTOR for SWIFT™	Institutional stockbrokers
Real time CHES interface.	GBST CHESLink™	Stockbrokers, custodians, fund managers, banks, registries and margin lenders.



## GBST ONLINE™ – BUILD YOUR BUSINESS ON THE INTERNET

Feature	Benefit
An easily deployed and totally configurable online solution for non-advisory retail stockbrokers, Online™ allows you to extend your Shares™ capability to the internet.	Provide online retail investor services via the internet or re-branded online execution services for financial planners and portals.
Tailorable functions and branding.	Build your own online experience. Online™ can be completely tailored to meet your business needs and goals. Functions and services, screen design and branding can be customised to produce a cohesive, personalised user experience, which is constantly aligned with your online strategy. You can also integrate other transactions and third party market information services.
Live market data and research.	Real time ASX stock prices, snap quotes and watch lists, depth of market, market indices and course of trades, as well as email and online stock price alerts are provided. Historical graphing tools, market summary and closing price downloads for all ASX traded stocks are also supported.
Online order management.	Improve trading efficiencies. Online™ can enable clients to place, amend or cancel orders from their PCs. Orders can be processed directly onto the market using GBST's STP technology. Vetting rules tailored specifically to suit your business compliance requirements manage trading and credit risk.
Real time access to client data.	Clients can enquire about order status, see portfolio valuations in real time and receive statements via the internet.
Internet administration tools.	Manage your clients online. Online™ offers a number of online administration tools to help you manage clients. Your internet service administrators can easily approve/reject requested accounts, communicate online with clients, search or update client details, and access registration and client activity reports.

## SHARES ETC™ – AUTOMATE TRADE CONFIRMATION

Feature	Benefit
Shares™ electronic trade confirmation (ETC) automates processes in communicating block trades, allocations, and confirmations.	Facilitates faster settlement with local and offshore funds managers and custodians and reduces settlement risk.
Automate processing of ETC messages.	Providing fully integrated support for automation of block trade processing allocations and confirmations, ETC eliminates manual processing and reduces risk and costs. You can handle higher volumes in peak trading periods and scale your business for growth without increasing your costs.
Configurable message characteristics.	Characteristics of ETC processing requirements may be defined at the client level e.g. messaging system to be used and type of messaging – block or confirmation only – and the level of automation to apply.
Supports multiple messaging systems.	ETC supports both OASYS Global Direct (OGD) & market specific services. OGD is one of the world's most widely used ETC services and Shares ETC™ provides a dedicated online connection to the OGD global network of institutions.

## GBST-IRESS INTERFACE™ - ELIMINATE MANUAL PROCESSING

Feature	Benefit
Automating trade flows and confirmation for the majority of Australia's stockbrokers and institutions, the IRESS Order Management System (IOS) now supports an interface which integrates processing with Shares™ via the GBST Business Interface™.	Eliminates re-keying of data between IOS and Shares™ to reduce manual processing and associated risk and cost. Improves service for institutional clients and allows the broker to handle high volumes without increasing back office costs.
Block booking and Allocations.	Allocation messages from the fund manager are entered into IOS and forwarded to Shares™ without manual intervention.
Confirmation - ETC processing.	A contract note confirmation message may be automatically generated by Shares™ for each allocation. These are loaded into IOS as ETC notifications to inform the fund manager of final booking details.
FIX Enabled. The connection between Shares™ and IOS will be based on the FIX protocol. It will support communication of orders, executions, bookings, re-bookings, and allocations for local and cross border trades.	The Financial Information eXchange (FIX) protocol is an open messaging standard enabling real time electronic processing of a wide range of financial transactions. It is widely used for communications between global market participants and also provides access to global order routing networks and markets.

## GBST ADAPTOR FOR SWIFT™ - MAXIMISE STP SETTLEMENT

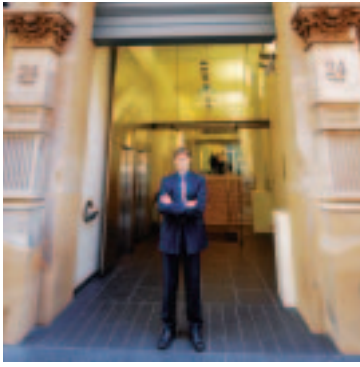
Feature	Benefit
STP enabled settlement.	Allows institutional brokers to increase service levels to clients and decrease costs by lifting their overall rates of straight through processing (STP).
SWIFT compliant.	Brokers can accept and process incoming settlement instructions from an account owner and reply accordingly to those messages with an appropriate message from the SWIFT message set.
Automated contract notes.	Contract notes are automatically generated to settle with entities internal or external to the Shares™ environment.
Corporate actions and reporting.	In addition to holdings and cash reporting, corporate actions which affect an account owner can also be processed and reported on.

## GBST CHESSLINK™ – REAL TIME MARKET SETTLEMENT INTERFACE

Facilitating real time connectivity with CHESS since 1993, CHESSLINK™ is a robust, flexible, and high performance CHESS messaging interface originally developed for Shares™ and now available as a stand-alone product. CHESSLINK™ allows you to cost effectively upgrade your CHESS messaging capability, lower settlement fail rates, and reduce back office processing costs. For further information refer to the CHESSLINK™ product brochure.

## BUSINESS INTERFACE™ SECURITY AND LICENSING

Protecting the integrity of client systems using the Business Interface™ is a primary concern of GBST. Only connections from a specified IP address will be allowed to initiate interactions with Shares™. Encrypted connections using 128-bit SSL can be implemented on request or we can discuss your encryption requirements. Use of the Business Interface™ is subject to a License Agreement with GBST.

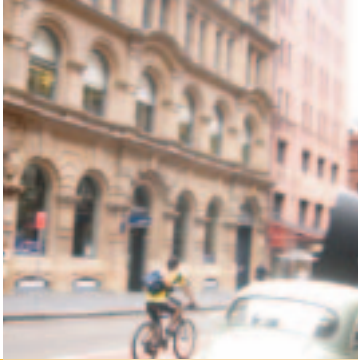
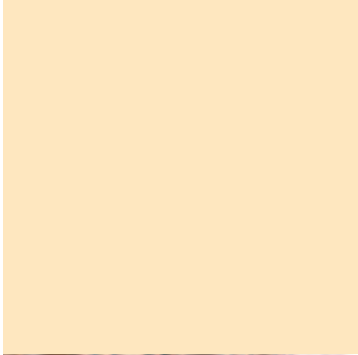


### GBST BUSINESS INTERFACE™ – AUTOMATE BUSINESS PROCESSES IN REAL TIME

Feature	Benefit
Interface external and internal systems to your main client database and other critical systems.	Streamline information and supply processes. A flexible middleware enhancement to Shares™, the Business Interface™ provides a real time API into and out of your Shares™ database.
Data transfer.	Data transfer can be provided whenever external data is required in Shares™ (such as off market trades), or whenever Shares™ data is required in another system (such as portfolio and holding statements). All messaging and transactions are real time events.
Real time interface.	Providing real time connectivity between business applications, the interface delivers high levels of interactive performance for a variety of business purposes, local or remote, creating efficiencies for stockbroker and clients.
Standard TCP/IP sockets and messaging.	The interface uses industry standard sockets and message passing with an easy to use protocol. Adaptors for industry standard messaging protocols can also be provided e.g. SWIFT, FIX.
Order Management.	Place, maintain, cancel or enquire on orders in Shares™.
Trade and Bookings Management.	Create and maintain market/off-market trades, or enquire on trades. Once the trade and order are in the system, a set of messages enables you to allocate orders and trades to create contract notes.
ETC processing.	Facilitates allocation/split messages and rebooking of block transactions into final confirmation level transactions. Adaptors for Omgeo and IRESS ETC are available.
Client Management.	Create, maintain, and enquire on clients. Client sponsorship can be initiated by API messaging as well.
Settlement Management.	Initiate settlement of cash and stock lines, create cash journals, manage settlement instructions, and trigger "contra" processing. SWIFT adaptors to support this processing are also available.

### GBST ePOST™ - CREATE AND DELIVER ELECTRONIC CONTRACT NOTES

Feature	Benefit
Electronic Documentation.	Designed to automate the production and communication of contract notes to your clients, GBST ePost™ strengthens your communications capability and alleviates the time and risk associated with traditional contract note delivery.
Deliver contract notes on trade day.	With the move towards shorter settlement cycles, sending contract notes electronically is essential to the efficient processing of large volumes of trades and reduction of settlement risk.
E-mail contract notes.	ePost™ enables the communication of contract notes as PDF files for fast and high quality communications.
Fax generation and telex delivery.	Providing a complete electronic version of the broker's contract note, ePost™ can generate faxes and also deliver via telex a plain text communication service with the added security of a confirmed call back.
Problem notification.	ePost™ automatically responds by email or by posting a notification message if a delivery problem has occurred.
Storage of contact numbers and details.	A paperless facility, this function retains a large body of important business contact information, such as client phone, fax, and email addresses.
Future functionality.	ePOST™ has the potential to support delivery of other documents such as trading, portfolio, cash management, margin lending statements, and other electronic delivery methods and devices, e.g. WAP or mobile phone.



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