



An *XML based travel system*, which enables small & medium-size airlines leverage the power of e-Commerce and at the same time reduce distribution costs significantly, by providing booking interfaces to travel agencies and customers. Our Travel Distribution System (TDS) entails every aspect of inventory management– bookings, cancellations, refunds et al through various sources– online/ websites, travel agencies, airport sales offices, call centers, corporate users and associated MIS.

A cost-effective, robust, scalable solution that enables the hotels/airlines to manage their inventory, flight schedules, fares, sales and flight departures for scheduled as well as chartered aircrafts.

Our solution framework effectively serves the travel companies to market them to geographically diverse potential customer base at a nominal cost. It raises the bar against any legacy and contemporary system available on the market today, by dramatically increasing the operations throughput using its system features.

Key Features:

- > Web-based reservation engine with a user friendly graphical interface
- > Inventory management capabilities
- > Individual and group level authorization access
- > Reservation supervisor overriding
- > Supports e-ticketing
- > Integrated departure control system
- > Passenger communication features
- > Comprehensive management reporting capabilities

Service Oriented Architecture

Travelscape represents a quantum leap in travel distribution software. Combining a sophisticated XML switching and aggregation platform with a powerful Business Rules Engine, Travelscape allows travel companies to manage supplier connections and distribution channels with a previously unheard of level of flexibility and control. Travelscape future proofs your technology investment by allowing you modify your business rules as your business and requirements change.

Integrated Direct Connect

Travelscape provides simultaneous search capability against multiple suppliers, and intelligently aggregates the response information to provide a single integrated response. Within its framework, Travelscape includes a highly efficient, easily configured Business Rules Engine which allows updating of business rules without any programming changes.

Supplier Management

Travelscape enables easy integration of multiple travel supplier direct connects with travel systems including Internet Booking Engines, Travel Agency desktops etc. It allows single search against multiple suppliers, aggregating the responses from all suppliers into a single response. The business rules engine puts you in control of which suppliers receive a particular request and how the responses are filtered, sorted and modified.

Distribution Channel Management

With Travelscape, travel suppliers can easily apply different business rules to each distribution channel, providing full control over what information is available to each channel and how that information is presented.

Value Added Services

Travelscape includes intelligent caching and management technology to best utilise system resources and network bandwidth.

Business Rules Engine

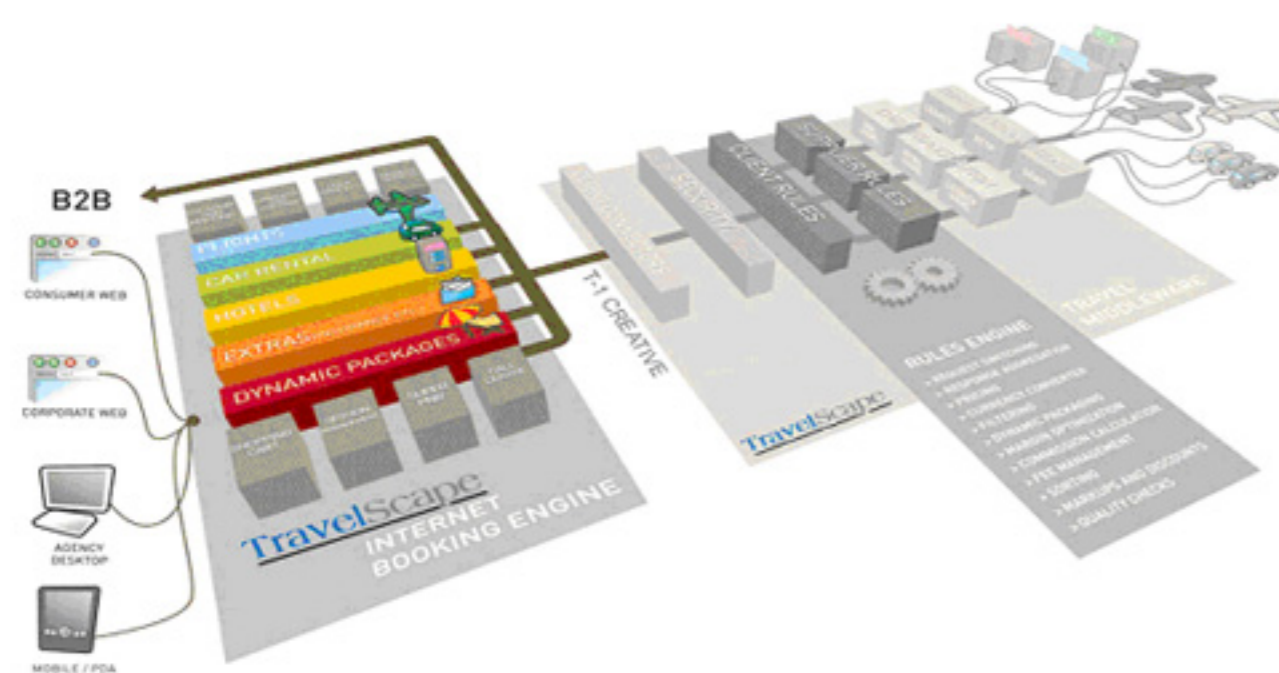
The Travelscape Business Rules Engine is configured through intuitive browser based configuration tools enabling remote update of business rules which can be immediately applied to the running system.

Standards

Travelscape supports the travel industry XML specifications developed by the OpenTravel™ Alliance (Air, Car and Hotel) and Travel Technology Initiative (Tours, Rail). Other XML formats can also be supported providing XML Schema or DTD definitions are available for the messages.

Data Translation

When integrating multiple suppliers, the data from certain suppliers may need to be translated to a common format. This common format can be a message format specified by a body such as the OpenTravel™ Alliance (OTA) or Travel Technology Initiative (TTI), or it can be a proprietary format. For suppliers who conform to the common format, no translation is needed. For other suppliers, however, their data may need to be translated. Travelscape supports XML to XML translation and HTML to XML website scraping to integrate these non-conformant supplier interfaces with those supporting the common format.



Connectivity

Travelscape fully supports XML Messaging using SOAP, ebXML and HTTP/HTTPS. Different transport types and security settings can be configured for each connection to a supplier or client system.

Security

Typically, each supplier system will have unique security and authentication settings. Travelscape supports username/password, unique IP Address and Digital Signature based security policies.

Legacy Interfaces

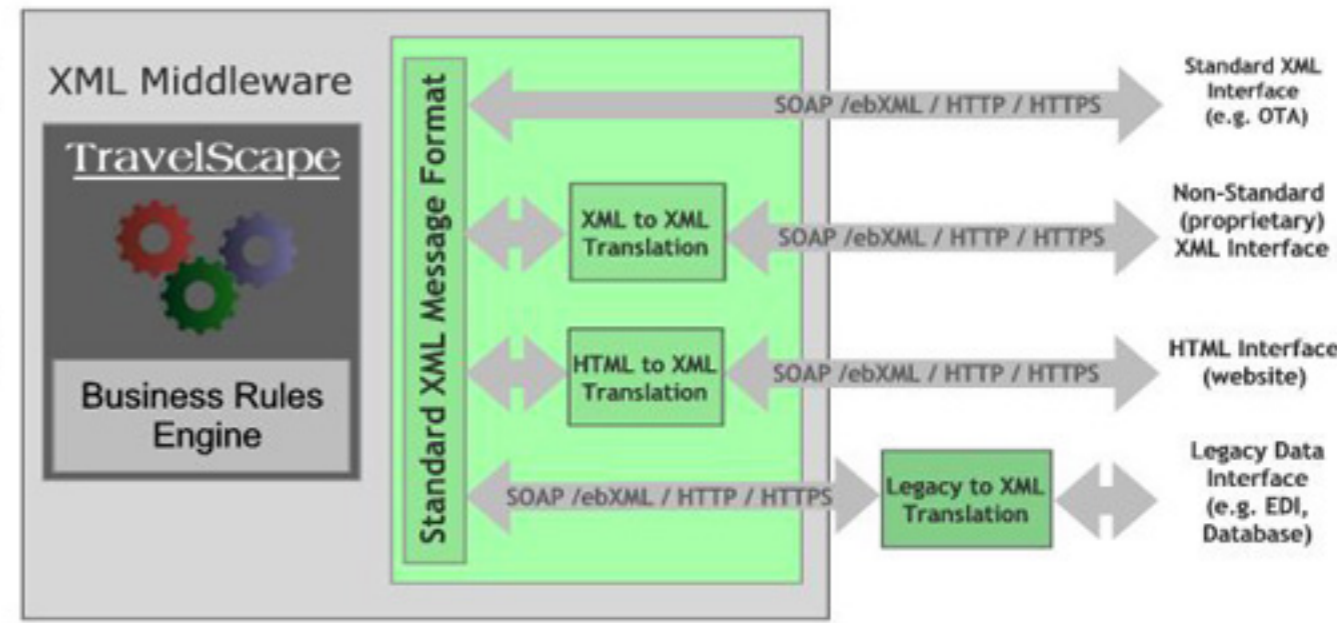
Converting your legacy applications to web enabled applications can be very beneficial for your organization. It can provide global access to your data and systems, enhancing communication with your customers, partners or even your employees - making it faster, simplifying the flow of your data and making the experience more seamless. By web enabling your legacy applications, you can discard the requirements involving multifaceted deployment.

Converting legacy applications to web enabled applications can increase the availability and the accessibility of your applications. More of your customers, business partners and users can easily access your web enabled application. Converting an old application would also prove to be more cost-effective than building a new application.

While in the process of converting your legacy application, there would be no loss of data and none of your organization's activities would be hindered. Outsource2india has proficient project managers who would constantly and closely monitor the transition process. The following are the steps that we follow.

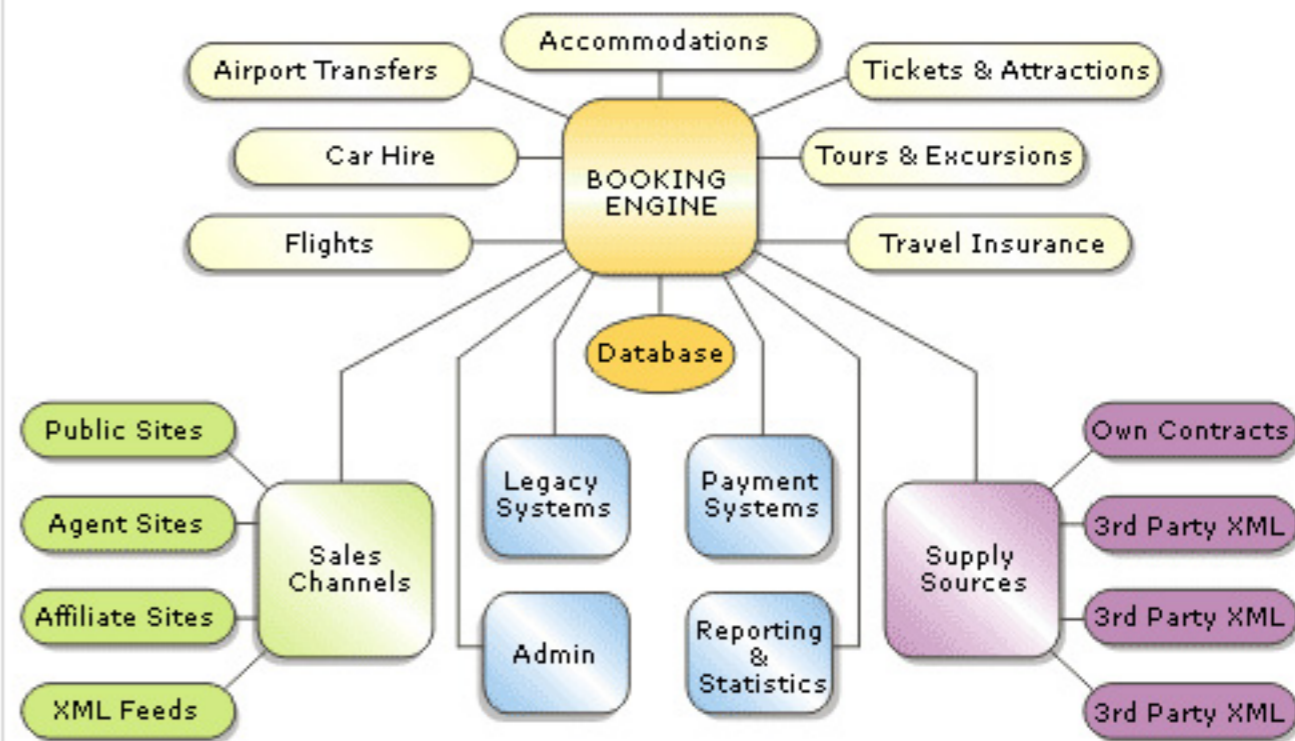
- > Our software services team would first conduct a detailed study of your organization's existing legacy application.
- > After analyzing and studying your legacy application, we would learn about applicable business processes.
- > We would then analyze the functionality of these business processes
- > Once this is done, we decide on the technology requirements and the optimal migration needed for the legacy application. We also take the risks into account.
- > We select the most efficient and the best re-engineering tools.
- > Finally, we constantly monitor each step in the process to ensure that the migration is smooth, seamless and effective.

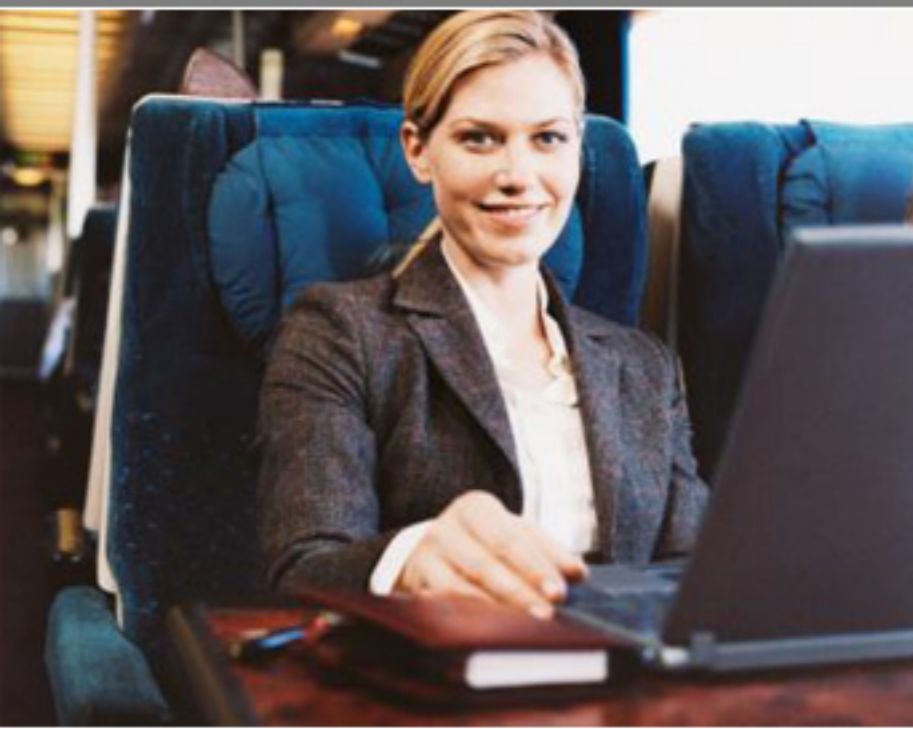
For legacy travel data interfaces such as EDI, ALC or structured messaging interfaces, Travelscape can provide bespoke software solutions to convert these interfaces to XML over SOAP or HTTP for integration with suppliers supporting XML. Alternatively, standard data translation software tools can be used for this purpose.



Architecture

Travelscape is part of T-1's end-to-end XML product suite for travel distribution. It fully leverages the capabilities of the latest Java, XML and Web Services technologies. The Travelscape service oriented architecture is highly scalable and fault tolerant and can be deployed on Windows, Linux.



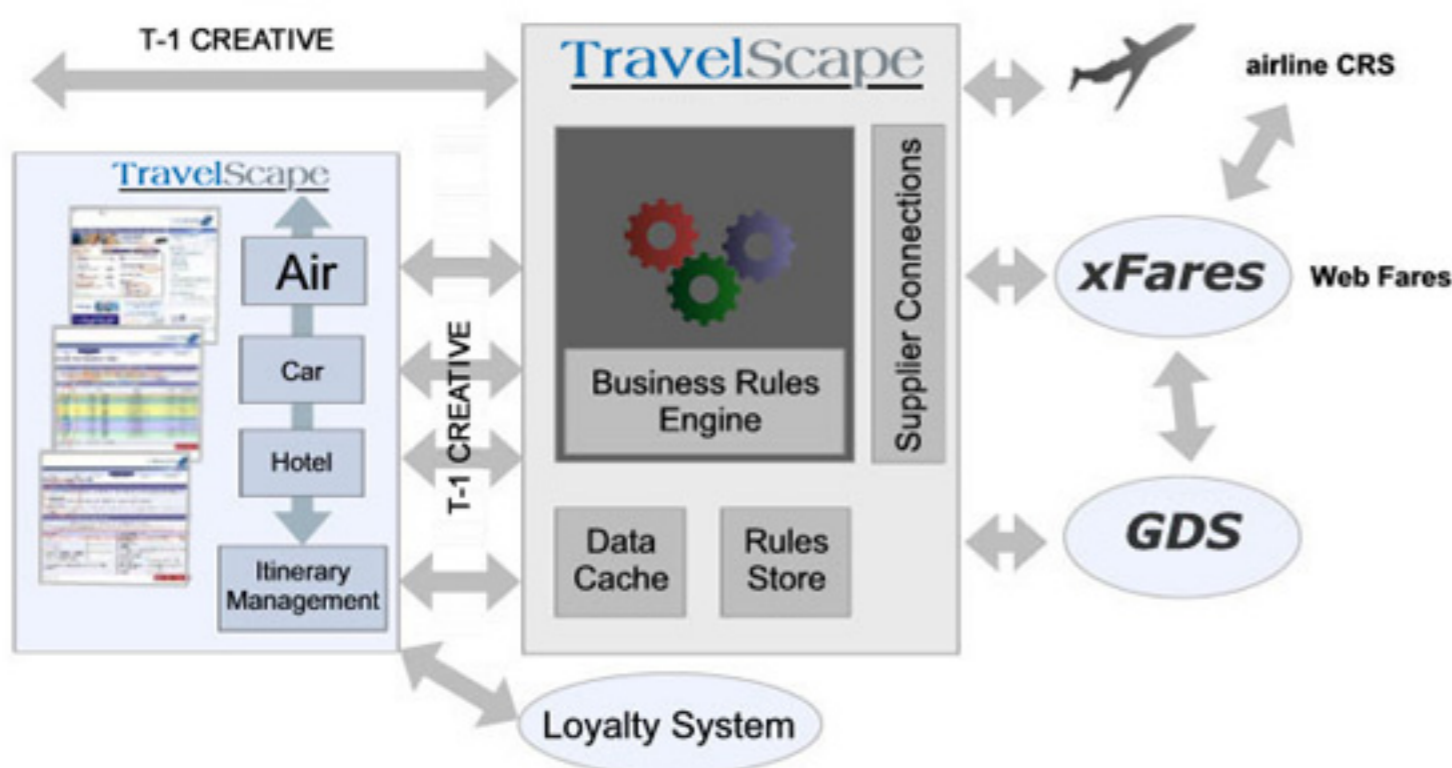


Travelscape's advanced travel distribution products provide the perfect XML standards based platform for delivering innovative dynamic packaging solutions. Travelscape, Travelscape's XML middleware platform provides connectivity to multiple inventory sources for air, car, hotel and other travel inventory, while also providing the capability to combine travel components into packages based on business rules. The Travelscape Internet Booking Engine provides unrivalled flexibility to deliver innovative package shopping functionality with a wide selection of display formats.

SOLUTIONS

Airline Solutions

Travelscape's advanced travel distribution products provide the perfect XML standards based platform for delivering innovative air solutions. Travelscape, Travelscape's XML middleware platform provides connectivity to multiple inventory sources including Global Distribution Systems, airline CRS's and airline websites. The Travelscape Internet Booking Engine provides unrivalled flexibility to deliver innovative flight booking capability using advanced display formats. Travelscape engine enables Low Fare Search and Pricing using airline private fares with availability checked against a GDS or CRS.



Travelscape offers an architecture and design that is scalable, modular, customizable, with flexibility to integrate third party database, such as private fares, non-GDS vendors, etc. in a user-friendly manner. It is based on a three-tier architecture comprising of presentation, business logic and communication layers to achieve high availability and enhanced booking engine performance.

It also utilizes industry standard application-programming interface(s) to access the global distribution system. It utilizes specialized components operating in MS Windows environment, enabling the travel application on the Internet to be directly compatible with the host mainframes.

Features:

- Airline schedules:** Provides user with the ability to search for the flight timetable and proceed with travel plans.
- Airline availability and Reservation:** Enables two way flight searches- for available flights and fare options.
- Flights search:** The user selects the available flights and takes a quote for the itinerary.
- Fare search:** The user can perform fares based search for the best seven itineraries that assure availability of space for the quoted fares. Such availability requests can be performed with the preferences of operating airlines, departure/ arrival timings and direct flight options. The fares displayed are accompanied with the available fare rules that are received from the host at the time of quote.



Air availability by fare: Offers flight search flow that starts with the selection of all available special fares. The user can select the fares and view the corresponding applicable flights.

Airline seat maps: Offers colorful airline seat maps that extend help to the customers choose their advance seating and a better perception of in-flight services they are going to experience.

Profiles: Provides the capability to use Customer profiles. This includes the corporate and individual customers. The Engine extends the feature of enabling the corporate members to add their associate users on the site to share the benefits they may have over the other customers.

Private Fares: Can make use of Private Fares stored by the travel agency. The functionality extends to the categorization of the corporate and other customers to have separate fares structure.

External Fares: Enables travel agencies to store their negotiated fares in an external Fare database designed by us. Such fares will be displayed in response to a special fare request for the online customers preferred by the Travel agency or otherwise.

Currency converter: The user can convert the amount of fare into a preferred international currency, although the payment will be made in the currency of country of purchase. The Fares and tariffs can be displayed in the preferred currency for the customers.

Shopping cart: Can offer this feature in case the client would like their customers to book air/ hotel and car in a single PNR.

Payment options: Also offers different payment options as per customer requirements. The intimation is sent via e-mail to the customer.

Flight trackers: As one of its additional features, the Internet Booking Engine can offer flight information on flight routing and timings.

View itinerary: The user can view their itinerary saved at the time of completion of a travel record. Also, past bookings can be viewed.





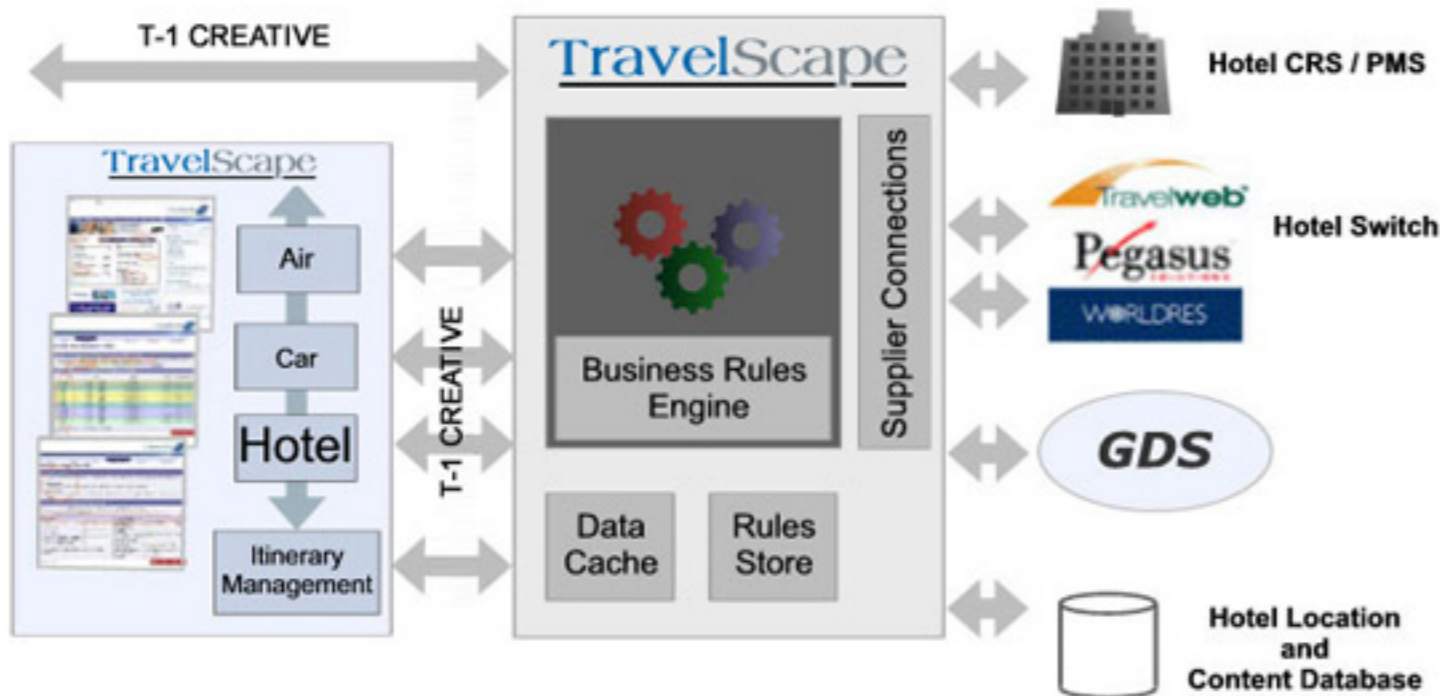
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SOLUTIONS

Hotel Solutions

Travelscape's advanced travel distribution products provide the perfect XML standards based platform for delivering innovative hotel solutions. Travelscape, Travelscape's XML middleware platform provides connectivity to multiple inventory sources including Global Distribution Systems, hotel switches and hotel CRS's. The Travelscape Internet Booking Engine provides unrivalled flexibility to deliver innovative hotel booking capability using advanced search options.

For flexible searching against hotel data from multiple sources, Travelscape can also provide a searchable hotel content database with import applications for many hotel switch data formats.



Choose your destination: **Currency:**

Check in Date: **Check out Date:**

For Nights

Please enter your room requirements:

Room Type:	No. of Rooms	No. of Cots
<input type="text" value="Select the Room Typ"/>	<input type="text" value="1"/>	<input type="text"/>
<input type="text" value="Select the Room Typ"/>	<input type="text" value="1"/>	<input type="text"/>
<input type="text" value="Select the Room Typ"/>	<input type="text" value="1"/>	<input type="text"/>

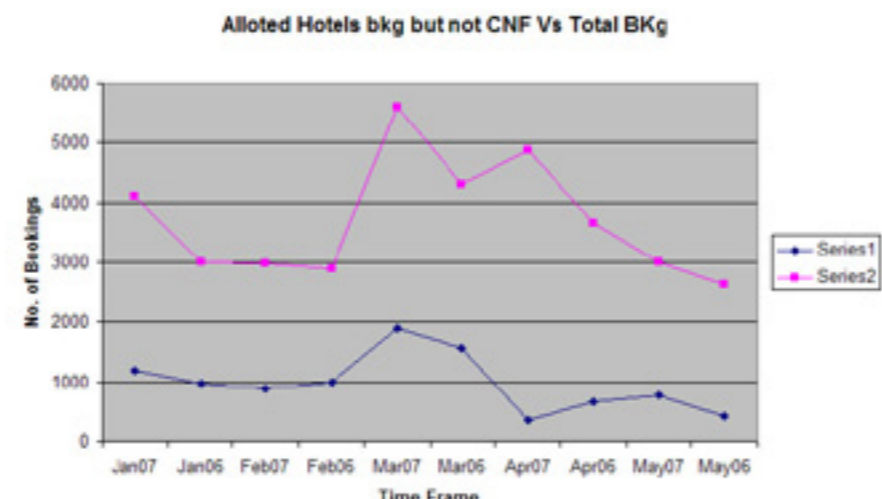
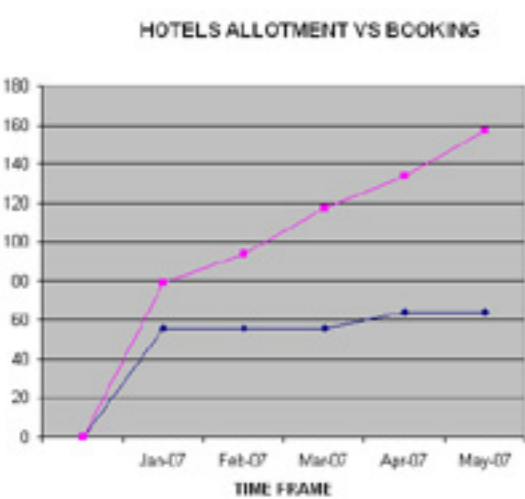
Star Rating: **Location:**

BOOKING DETAILS

All prices are in USD (US Dollars) and include service and local taxes.

Lead Name: John Mathew
NEW DRAGON, China(Beijing)
 Check In Date : 26-JAN-2008 Check Out Date : 29-JAN-2008
 No. of Nights : 3

Rooms :
Double Room with 0 cot(s)
Passenger Names:
 John Mathew
 Nancy Mathew
Total Price : 97.06 USD



Features:

- Hotel availability and Reservation:** Enables Hotel searches- for available rooms and on Request.
- Hotel search:** The user can perform search based on the Destination City, Room Type, star rating which provides the rates with the room availability status and the amenities offered by the respective hotel.
- Shopping Cart:** Add the hotels that fits best to your choice in the cart.
- Payment options:** offers different payment options as per customer requirements. The intimation is sent via e-mail to the customer.



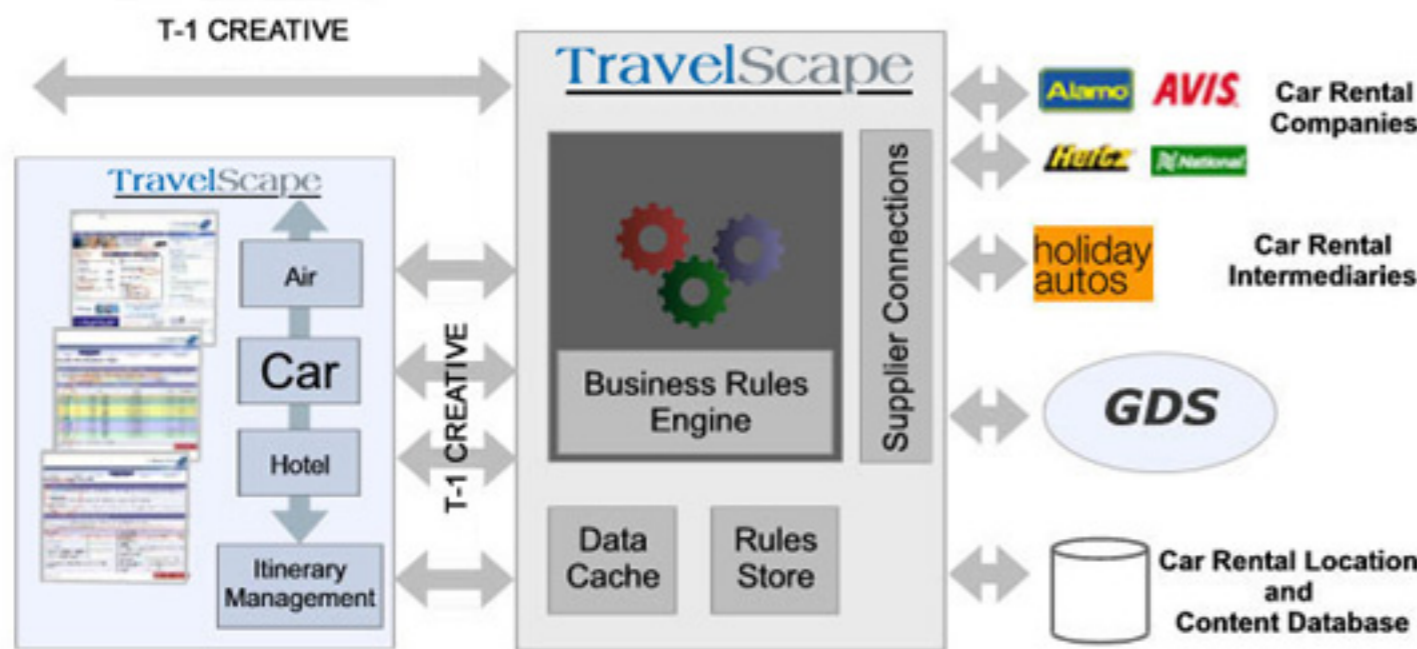
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SOLUTIONS

Car Connectivity

Travelscape's advanced travel distribution products provide the perfect XML standards based platform for delivering innovative car solutions. Travelscape, Travelscape's XML middleware platform provides connectivity to multiple inventory sources including Global Distribution Systems and direct connects to car rental companies and intermediaries. The Travelscape Internet Booking Engine provides unrivalled flexibility to deliver car searching and booking capability with fully inclusive car rental rates direct from the suppliers.

For flexible searching against car rental location data from multiple sources, Travelscape can also provide a searchable rental location content database with import applications for many car rental company data formats.



Search for Car

Rental Date & Time

Pick-up Date:

Pick-up Time: AM PM

Return Date:

Return Time: AM PM

Rental Location Information

Airport/Location Code:

City/Town:

State/Province:

Country:

Only Airport Locations All Locations

I plan to return the car to a different location

[SEARCH](#)

[+ Show car image, make/model, car.](#)
Special 4-door car shown

Car class	Trans.	Daily rate	Total price*
Standard 4-door car	Auto	\$103.47	\$108.92
Standard SUV	Auto	\$111.09	\$116.54
Full Size 4-door car	Auto	\$116.81	\$122.26
Full Size SUV	Auto	\$149.49	\$154.93
Luxury 4-door car	Auto	\$174.27	\$179.71
Premium Van	Auto	\$182.16	\$187.61
Premium SUV	Auto	\$188.15	\$193.60
Special SUV	Auto	\$236.08	\$241.53
Special 4-door car	Auto	\$399.46	\$404.91

Features:

- Car availability and Booking:** Enables Car searches- for available cars and on Request.
- Hotel search:** The user can perform search based on the Destination City, Car Type which provides the rates with the car availability status.
- Shopping Cart:** Add the Car that fits best to your choice in the cart.
- Payment options:** offers different payment options as per customer requirements. The intimation is sent via e-mail to the customer.



Travelscape's advanced travel distribution products provide the perfect XML standards based platform for delivering innovative finance solutions. Some of Travelscape's financial modules features are:

- Invoicing, Client and Supplier Services
- Operations, Administration and Reporting
- Financial Functions, Statistics and Reports:

FINANCIALS MODULES

Invoicing, Client and Supplier Services

- > Enter up to six supplier details per invoice. Allows posting mixed cash-credit card payments directly on invoice form. Automatically converts from foreign to base currency.
- > Simplified entry and editing. Calculates commissions, agent commissions, discounts and sales tax (GST). Post up to 100 service fees for selection and automatic entry.
- > Automatically updates all ledgers and sub ledgers without additional posting. Supplier classifications allocate entries to ARC/BSP or check register. Supplier payments may be grouped or processed individually. Over and underpayments are supported.
- > Advise suppliers with remittance notifications via email
- > Prepare itineraries for cruise, group travel, car and hotel rental. Invoices, itineraries, hotel and car rental vouchers may be prepared and emailed directly to clients and suppliers. Automatic transfer from voucher to miscellaneous income register for follow-up on expected commissions.
- > Access client preferences directly from the invoice screen for seat selection, hotel and car rental memberships, passport number, birth date, miscellaneous notes.
- > Communicate with clients via email. Send invoices, itineraries, promotional information or trip details.
- > Print corporate/group travel summaries for any period showing discounts, sales tax (for refunds), passengers and destinations.

Operations, Administration and Reporting

- > Maintains records and accrues commission payables for any number of independent agents. Invoices may be accumulated under agents' records or allocated by sales number. Payments may be made for any period based on invoice or travel dates. Displays and prints summaries by agent.
- > Full payroll function includes required deductions and benefits with automatic payroll remittance for any period. Summarizes and displays U.S. Medicare, Social Security, Withholding and FUTA or Canadian UIC, CPP and taxes for the periods selected. Prints cheques.
- > Networking for up to 5 stations available. Separate ledgers and journals for each station provide a method of identifying transactions and business generated. May be consolidated for any period.
- > Automatic summary of sales tax/GST remittance for any period.
- > Miscellaneous income register allows entry of potential commissions from suppliers for followup. Postings made only on receipt of payment. Automatic inclusion directly from voucher register.



Client Information			
John	Doe		
First Name	Last Name		
11/11/2004	Kihei Akahi	109	(808) 879-4589
Arrival Date	Accommodations	Room	Hotel Phone
123 High	kihei	HI	96753
Street Address	City	State	Zip
(808) 123-1234	(808) 123-1234	(808) 123-1234	
Home Phone	Work Phone	Fax	
XXXXXXXXXXXX1234	MasterCard	0106	
Credit Card Number		Expiration	
John Doe			96753
Name on Card			Billing Zip Code
name@domain.com			
Email	Custom Field	Custom Field2	
Payment Method		Sub Total	\$100.00
Date Paid		Tax	4.166%
Paid Amount 1		Tax Amount	\$4.17
Paid Amount 2		Total	\$104.17
Refund Amount		Balance	\$104.17
Charges			Balance Due

Search Criteria	
Date:	<input type="text"/>
Transaction Category:	Select the Transaction Category
Transaction Sub-Category:	Select the Transaction Category
Transaction Type	Select the Transaction Type
Contact Type:	<input checked="" type="radio"/> Customer <input type="radio"/> Supplier
Select Customer/ Supplier:	<input type="text"/>
Invoice No.:	<input type="text"/>
Super Book Id:	<input type="text"/>

REPORTS									
SALES SUMMARY									
Company Name: V1 Designs Pvt. Ltd.					Date: From: 01/02/2007 To: 31/03/2007				
Customer Name: Vijay Krishnan					Currency: USD				
Filter By:	<input type="text"/>	Sort By:	<input type="text"/>	Category:	<input type="text"/>	<input type="button" value="Submit"/>			
Vhr No.	Vhr. Date	Passenger Name	Service	Particulars	Price	Booking Ref No.	Supplier	Invoice Ref No.	Payment Details
1.	OR/MUIN/VH994 01/02/2007	Shridhar P	Hotel	Hotel Leela, mumbai from 10/02/2007 to 15/02/2007	14,000	OR/MUIN/ST/021	Orbitz	OR/MUIN/INV/021 CC XXXX	
2.	OR/MUIN/VH024 01/02/2007	Micheal H	Hotel	Hotel Taj, mumbai from 10/02/2007 to 15/02/2007	22,000	OR/MUIN/ST/022	Orbitz	OR/MUIN/INV/022 CC XXXX	
3.	OR/MUIN/VH040 05/02/2007	Peter Hynes	Hotel	Dubai Prince, Dubai from 10/02/2007 to 15/02/2007	19,500	OR/MUIN/ST/023	Orbitz	OR/MUIN/INV/023 CC XXXX	
4.	OR/MUIN/VH041 11/02/2007	Maggie D'souza	Flights	Emirates EK502, from dubai to mumbai	14,000	OR/MUIN/ST/024	Orbitz	OR/MUIN/INV/024 CC XXXX	
5.	OR/MUIN/VH042 14/02/2007	Framod K	Hotel	Sea Prince, mumbai from 10/03/2007 to 15/03/2007	92,500	OR/MUIN/ST/025	Orbitz	OR/MUIN/INV/025 CC XXXX	
6.	OR/MUIN/VH044 25/02/2007	Shridhar P	Packages	Summer Special Malaysia	1,44000	OR/MUIN/ST/026	Orbitz	OR/MUIN/INV/026 CC XXXX	
7.	OR/MUIN/VH059 02/03/2007	Rahul K	Hotel	Hotel Leela, mumbai from 10/03/2007 to 15/03/2007	54,000	OR/MUIN/ST/027	Orbitz	OR/MUIN/INV/027 CC XXXX	
8.	OR/MUIN/VH060 11/03/2007	Vivaan W	Car Hire	Dubai, UAE, 10/03/2007 to 15/03/2007	55,600	OR/MUIN/ST/028	Orbitz	OR/MUIN/INV/028 CC XXXX	
9.	OR/MUIN/VH061 28/03/2007	Ronit D	Car Hire	Sydney, Australia, 10/03/2007 to 15/03/2007	24,000	OR/MUIN/ST/029	Orbitz	OR/MUIN/INV/029 CC XXXX	

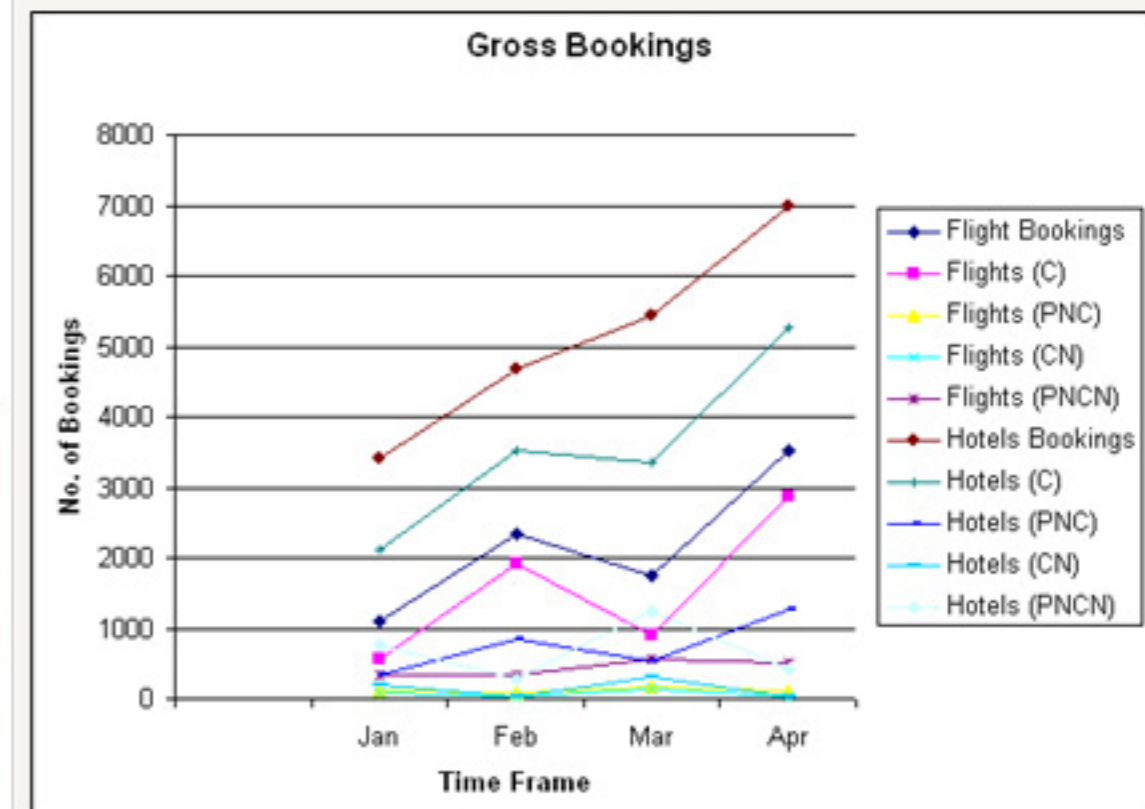


Travelscape's advanced travel distribution products provide the perfect XML standards based platform for delivering innovative finance solutions. Some of Travelscape's financial modules features are:

- Invoicing, Client and Supplier Services
- Operations, Administration and Reporting
- Financial Functions, Statistics and Reports:

FINANCIALS MODULES

- > Displays/Prints ARC/BSP cash and credit card transactions for any period for bank submission.
- > Automatically clears small receivables and payables balances.
- > Displays/Prints client listings with YTD travel purchases, cash or credit card payments detail by invoice.
- > Invoice listing and printout includes sales, outstanding receivables, payments to suppliers, commissions, sales taxes.
- > Invoice aging reports outstanding receivables for 10-20-30, 20-40-60, or 30,60,90 day periods.
- > Supplier YTD purchase summaries and outstanding payables by supplier, items paid and cheques issued.
- > Context-sensitive help screens and help tips on each form. Handy backup function to storage devices.



Booking No.	Booking Date	Invoice No.	Invoice Date	Invoice Amount	Receipt No.	Receipt Date	Receipt Amount	Passenger Name	Service	Supplier
1.	OR/MUIN/ST/021 01/02/2007	OR/MUIN/INV/021 01/02/2007	14,000	OR/MUIN/REC/021 01/02/2007	14,000	Shridhar P	Hotel	Orbitz		
2.	OR/MUIN/ST/022 01/02/2007	OR/MUIN/INV/022 01/02/2007	22,000	OR/MUIN/REC/022 01/02/2007	22,000	Michael H	Hotel	Orbitz		
3.	OR/MUIN/ST/023 05/02/2007	OR/MUIN/INV/023 05/02/2007	19,500	OR/MUIN/REC/023 05/02/2007	19,500	Peter Hynes	Hotel	Orbitz		
4.	OR/MUIN/ST/024 11/02/2007	OR/MUIN/INV/024 11/02/2007	14,000	OR/MUIN/REC/024 11/02/2007	14,000	Maggie D'souza	Flights	Orbitz		
5.	OR/MUIN/ST/025 14/02/2007	OR/MUIN/INV/025 14/02/2007	92,500	OR/MUIN/REC/025 14/02/2007	92,500	Pramod K	Hotel	Orbitz		
6.	OR/MUIN/ST/026 25/02/2007	OR/MUIN/INV/026 25/02/2007	1,44,000	OR/MUIN/REC/026 25/02/2007	1,44,000	Shridhar P	Packages	Orbitz		
7.	OR/MUIN/ST/027 02/03/2007	OR/MUIN/INV/027 02/03/2007	54,000	OR/MUIN/REC/027 02/03/2007	54,000	Rahul K	Hotel	Orbitz		
8.	OR/MUIN/ST/028 11/03/2007	OR/MUIN/INV/028 11/03/2007	55,600	OR/MUIN/REC/028 11/03/2007	55,600	Vivean W	Car Hire	Orbitz		
9.	OR/MUIN/ST/029 28/03/2007	OR/MUIN/INV/029 28/03/2007	24,000	OR/MUIN/REC/029 28/03/2007	24,000	Ronit D	Car Hire	Orbitz		
Grand Total:				10,000,00.00						
				Paid:			5,500,00.00			
				Balance:			4,500,00.00			

Financial Functions, Statistics and Reports

- > Automatically generates ledger accounts required for program operation. Provision is made for up to 900 accounts and sub-accounts.
- > Balance sheet and income statement provide current and previous year's data. The amount of future business is also included with cash received, receivables, payables, sales and supplier costs. Income statement displays average sales per invoice, average expenses per invoice and number of invoices and cancelled invoices processed.
- > Provides general journal and ledger transaction detail.
- > Bank deposit summaries and reconciliation. Use of Holding and Deposit accounts simplify the identification of program generated transactions and actual deposits/withdrawals.
- > Displays/Prints sales, commissions, commission percentage by supplier classification. Includes average sales per passenger by class and total.