SOFT INTERFACE APPLICATION (SOFTINTERFACE)

SOFT Logistics and Transportation Management Application provides management of all work processes of companies in the logistics and transportation sector in an integrated system. Data base structure has been designed to allow flexible and parametric definitions in order to meet the growing requirements of the sector. The application consists of SOFTTRANS®, SOFTFINANCE, SOFTINTERFACE, SOFTMOBILE and SOFTE-DOCUMENT which altogether constitute an integrated software solution. They provide a standardized, highly mechanized working environment with determined procedures for companies in logistics and transportation sector. As an important tool in improving customer satisfaction, they form the infrastructure for ISO 9000 Quality System. SOFTINTERFACE Applications consist of the following modules:

SOFT INTERNAL AUDIT APPLICATION *
MS EXCHANGE SYSTEM INTEGRATION
SOFT SMTP SYSTEM INTEGRATION
GFI FAXMAKER SYSTEM INTEGRATION
TELEX SYSTEM INTEGRATION
SOFT - SMS SYSTEM INTEGRATION
SOFTTRANS® - AGENT EDI INTEGRATION
SOFTTRANS® - CARGOWISE STANDARD EDI INTEGRATION
SOFTTRANS® - CUSTOMER EDI INTEGRATION
SOFTFINANCE - CUSTOMER EDI INTEGRATION
SOFTFINANCE - BANK EDI INTEGRATION
SOFTTRANS® - GENERAL LEDGER INTEGRATION
SOFT STANDARD WAREHOUSE EDI INTEGRATION
SOFT STANDARD BONDED WAREHOUSE EDI INTEGRATION
SOFT EXTRANET B2B WEB INTEGRATION APPLICATON
SOFTTRANS® IATA LABEL PRINTING INTEGRATION
STANDALONE IATA LABEL PRINTING APPLICATION
SOFT VEHICLE LOCATION AND MESSAGE INTEGRATION (ARVENTO, SATKO, NAVIGATION, SOFTEAL, TRANSICS)
SOFTTRANS® - SOFTEAL WORKFLOW SYSTEM INTEGRATION
SOFTTRANS® - WABCO (TRANSICS) WORKFLOW SYSTEM INTEGRATION
SOFTTRANS® - CHAMP (TRAXON) EDI INTEGRATION
SOFTTRANS® - DESCARTES EDI INTEGRATION
SOFTTRANS® - DESCARTES ACAS™ EDI INTEGRATION
SOFTTRANS® - INTTRA EDI INTEGRATION
SOFTTRANS® - INTTRA SOLAS VGM EDI INTEGRATION
SOFTTRANS® - AMS EDI INTEGRATION
SOFTTRANS® - SHIPSGO EDI INTEGRATION
SOFTTRANS® - MARINE TRAFFIC EDI INTEGRATION
SOFTTRANS® - ISF EDI INTEGRATION
SOFTTRANS® - ENS/EXS EDI INTEGRATION *
SOFTTRANS® - BILGE EDI SUMMARY DECLARATION INTEGRATION
SOFTTRANS® - BILGE EDI DETAILED DECLARATION INTEGRATION *
SOFTTRANS® - MAVI AUTHORIZED CUSTOMS BROKERAGE SYSTEM INTEGRATION
SOFTTRANS® - NCTS/T1 INTEGRATION
SGS SERVICE PROVIDER INTERFACE
TOBB-UND SERVICE PROVIDER INTERFACE
OREGON SERVICE PROVIDER INTERFACE
STANDALONE SUMMARY DECLARATION APPLICATION & BILGE EDI INTEGRATION
PRODUCER DATA BARCODE INTEGRATION
BP VEHICLE RECOGNITION AND FUEL SYSTEM INTEGRATION
SHELL VEHICLE RECOGNITION AND FUEL SYSTEM INTEGRATION
MOIL VEHICLE RECOGNITION AND FUEL SYSTEM INTEGRATION
OPET VEHICLE RECOGNITION AND FUEL SYSTEM INTEGRATION
PO VEHICLE RECOGNITION AND FUEL SYSTEM INTEGRATION
OMV VEHICLE RECOGNITION AND FUEL SYSTEM INTEGRATION
AS24 VEHICLE RECOGNITION AND FUEL SYSTEM INTEGRATION
ESSO VEHICLE RECOGNITION AND FUEL SYSTEM INTEGRATION
TOTAL VEHICLE RECOGNITION AND FUEL SYSTEM INTEGRATION
DKV VEHICLE RECOGNITION AND FUEL SYSTEM INTEGRATION
ASIS VEHICLE RECOGNITION AND FUEL SYSTEM INTEGRATION
TURPAK VEHICLE RECOGNITION AND FUEL SYSTEM INTEGRATION
SOFT WEIGHBRIDGE INTEGRATION
SOFTCONNECT APPLICATION
SOFTTRANS® – SAP ACCOUNTING INVOICE INTEGRATION
SUPPLY CHAIN MANAGEMENT EXECUTION WEB PORTAL
NEW GENERATION SOFT EXTRANET APPLICATION
SOFT WEB SERVICES INTEGRATION
SOFT – SOFT EDI INTEGRATION
SOFT U-ETDS LOAD AND TRANSPORT DATA INTEGRATION

"*" Under development

These modules operate in integration with SOFTTRANS®, SOFTFINANCE, SOFTMOBILE AND SOFTE-DOCUMENT Applications. For the opration of some modules appropriate hardware, system software and communication infrastructure are required. Also, it may be necessary to sign contracts for integration with systems and software which belong to third party persons or companies, and to pay subscription fees and use charges. The counter system to be integrated must also have appropriate software and infrastructure.

SOFT INTERNAL AUDIT APPLICATION *

With this application, it is aimed to measure and evaluate the work of people working in internal departments at certain periods. The main functions and features of the application are as follows:

- Process definition on the basis of Company, Branch, Department, Unit (Example: Seaway Export)
- Establishing internal audit criteria on the basis of Company, Branch, Department, Unit in certain periods
- Making an internal audit definition for the determined date
- Assign internal audit criteria to the definition of internal audit
- Assigning employees to be measured in the internal audit criteria in the definition of internal audit.
- Creating an internal audit form for departments to be internally audited
- Defining the functions prepared for internal audits
- Creating and evaluating the results of internal audit forms

MS EXCHANGE SYSTEM INTEGRATION

This application provides integration between SOFT Applications and Microsoft Exchange Server software.

- Sending any kind of documents and reports created by SOFT Applications as e-mail
- Making announcements to a group of companies via e-mail
- Automatic retrieval of e-mail address from company cards
- Notifications automatically sent by e-mail to related companies and/or people in the company whenever changes in shipment status (loading, discharge, delivery) occur
- Forwarding messages received from Vehicle and Location Tracking Integration Modules to a person or group of people within the company via e-mail.
- E-mail robot, enabling automatic answering of the system to e-mails sent to pre-defined e-mail addresses by customers. With this feature, data related to customers, such as shipment status and account statements are sent automatically by the system to an e-mail address provided by the customer
- Acknowledgments of sent e-mails and faxes are not tracked within the application.

SOFT SMTP SYSTEM INTEGRATION (MAIL & FAX)

This application provides integration between SOFT Applications and SMTP (Simple Mail Transfer Protocol) Servers.

- Sending any kind of documents and reports created by SOFT Applications as e-mail and fax
- Announcements and campaigns to a group of companies via e-mail
- Automatic retrieval of e-mail and fax addresses from company database
- Automatic reminders and notifications by e-mail to related companies and/or people in the company whenever changes in shipment status (loading, discharge, delivery) occur
- Forwarding messages received from Vehicle and Location Tracking Integration Modules, to one person or a group of people in the company, via e-mail
- Sending any kind of documents and reports as fax, within the application, to the fax software on SMTP server
- Acknowledgments of sent e-mails and faxes are not tracked within the application

GFI FAXMAKER FOR EXCHANGE SYSTEM INTEGRATION

This application is used for faxing any kind of document directly from the SOFT Applications and is integrated with FaxMaker for Exchange application of GFI Company.

- Sending any kind of document and report created by SOFT Applications via fax
- Automatic retrieval of fax numbers from company cards
- Automatic selection of branch fax server for multi-branch companies
- Notifying companies of the results of some transactions automatically via fax
- Tracking fax receipt acknowledgements within SOFT Applications

TELEX SYSTEM INTEGRATION

This application provides integration between SOFT Applications and computerized Telex systems.

- Sending ASCII documents created in SOFTTRANS® via Telex
- Retrieving telex numbers from company cards automatically

SOFT – SMS SYSTEM INTEGRATION

This application provides integration between SOFT Applications and GSM operator's network systems. With this application SMS messages and notifications can automatically be sent from within SOFT applications.

- Sending notification messages from within SOFTTRANS® Applications via SMS
- Retrieving SMS numbers from company cards automatically

SOFTTRANS® – AGENT EDI INTEGRATION

This application provides Electronic Data Interchange (EDI) between SOFTTRANS® operation modules and agents.

- EDI infrastructure used by all SOFTTRANS® operation modules
- Electronic data interchange in XML, EDIFACT and SOFT-EDI standards
- Sending and receiving booking, position and shipment data, and income and expense items
- Sending and receiving loading instruction and notifications, and delivery data
- Sending and receiving invoice data
- Prevention of sending the same data repeatedly
- Interpretation of incoming EDI files and transferring the data to the SOFTTRANS® Database
- Reliable data transfer via Internet or other transmission media

SOFTTRANS® - CARGOWISE STANDARD EDI INTEGRATION

Electronic Data Interchange (EDI) is carried out between CARGOWISE, and SOFTTRANS® International Sea Transportation Application, SOFTTRANS® International Air Transportation Application, and SOFTTRANS® International Road Transportation Application modules, within the context of SOFTTRANS® - CARGOWISE Standard EDI Integration Application.

- EDI infrastructure commonly used by all SOFTTRANS® Modules
- Electronic Data Interchange in XML and SOFT-EDI standards
- Sending and receiving booking, position and shipment data, and income and expense items
- Sending, receiving, and processing return invoices (Credit/Debit Note)
- Sending, receiving, and cancellation of cancelled invoices
- Sending and receiving Credit/Debit Notes; and, generating internal statements
- Sending and receiving status data (Event)
- Sending and receiving invoice data
- Preventing repeated data sending
- Reading incoming EDI files, and processing them in SOFTTRANS® Database after code conversion
- Automatic messaging over SOFTTRANS® EDI infrastructure
- Fast and secure data transfer using internet or another service provider.

SOFTTRANS® – CUSTOMER EDI INTEGRATION

This application provides Electronic Data Interchange (EDI) between SOFTTRANS® operation modules and customers and/or representative companies.

- EDI infrastructure used by all SOFT Applications
- Electronic Data Interchange in XML, EDIFACT or SOFT-EDI standards
- Receiving transport orders and bill of lading instructions via EDI
- Transmitting status changes tracked in SOFTTRANS®, such as loading, truck exit, truck arrival, goods delivery, etc., to customers
- Sending data related to issued invoices
- Prevention of sending the same data repeatedly
- Reliable data transfer via Internet or other transmission media

SOFTFINANCE – CUSTOMER EDI INTEGRATION

This application provides Electronic Data Interchange (EDI) between SOFTFINANCE Purchasing Management, Inventory Management, Sales Management applications and customers and suppliers.

- EDI infrastructure used by all SOFT applications
- Electronic data interchange in XML, EDIFACT or SOFT-EDI standards
- Creating special EDI files for data related to purchase and sales orders
- Interchange of data related to shipments, waybills and invoices
- Prevention of sending the same data repeatedly.
- Interpretation of incoming EDI files and updating the data to SOFTFINANCE Database
- Reliable data transfer via Internet or other transmission media

SOFTFINANCE – BANK EDI INTEGRATION

This application provides Electronic Data Interchange (EDI) between SOFTFINANCE General Accounting, Account Receivable & Payable Management, Checks and Notes Management and Human Resources Management Applications and major banks in Turkey.

- EDI infrastructure used by all SOFT applications
- Creating special EDI files for data related to remittances and EFT, checks and notes transactions
- Sending payroll payment data
- Prevention of sending the same data repeatedly
- Interpretation of incoming EDI files and updating the data to SOFTFINANCE Database
- Integration of remittance, EFT, checks and notes data to Bank, Current Account and General Accounting applications
- Automatic bank account reconciliation
- Money transfer to abroad
- Electronic data interchange in XML standards

SOFTTRANS® – ACCOUNTING INTEGRATION

This application provides integration of income and expense invoices between SOFTTRANS® Applications and a General Accounting Application. Special programming may be necessary to provide integration with Current Account Management and other applications, and software-specific special file formats.

WAREHOUSE MANAGEMENT STANDARD EDI INTEGRATION

This interface application includes standard EDI messages which will provide integration between the CUSTOMER and Logistics Service Receiving Company for logistics services to be tracked with SOFT's Purchasing Management, Warehouse Management and Sales Management applications.

- Transfer of Customer/Seller Cards to SOFT Applications
- Transfer of Material Cards to SOFT
- Transfer of Sales Orders to SOFT (orders to be shipped from warehouse)
- Transfer of Purchase Orders to SOFT (orders to suppliers for goods to be received at warehouse)
- Transfer of warehouse entry/exit transactions to the company receiving logistics service from SOFT
- Transfer of warehouse transactions and return difference transactions to SOFT
- Transfer of coded data to SOFT
- Transfer of product formulas and production work orders to SOFT
- Transfer of count results from SOFT

BONDED WAREHOUSE MANAGEMENT STANDARD EDI INTEGRATION

This interface application includes standard EDI messages which will provide integration between the CUSTOMER and Logistics Service Receiving Company for logistics services to be tracked in integration with SOFT's Bonded Warehouse Management Application.

- Transfer of Customer/Seller Company Cards to SOFT
- Creating shipment for Bonded warehouse in "To Be Received" status using the file received from customer

- Creating shipments of barcodes containing serial number of the data coming from the customer, in "To Be Received" status for Bonded Warehouse Module
- Transfer of information related to barcodes entering the bonded warehouse, from SOFT to customer
- Creating work order for exit from bonded warehouse, based on order number using data coming from customer
- Creating exit work order by transferring the barcode information of the goods to be released from the warehouse to SOFT from the customer
- Transfer of Truck-Driver-Waybill-Barcode information from customer to SOFT, by closing the work order for exit

SOFT - EXTRANET B2B WEB INTEGRATION APPLICATION

The purpose of SOFT Extranet Web Application is to let customers, agents, suppliers, business partners and organizations access data in SOFTTRANS® and SOFTFINANCE applications in a controlled manner via Internet. SOFT – Extranet Application consists of a main module which contains standard web pages (portal structure, parameters, user definitions, authorizations, home page, password entry, change password, password request form, forgot my password); and web pages which are especially developed with and operate with Progress Application Server.

- Order entry and quick entry using order templates
- Shipment status inquiry
- Warehouse and bonded warehouse inquiry
- Transport transactions inquiry
- Invoice and current account statement inquiry
- Agent shipment inquiry
- Job application

SOFTTRANS® IATA LABEL PRINTING APPLICATION

This application automatically creates air cargo labels required by IATA, using the data in SOFTTRANS® International Air Transportation Application (SIATA).

- Creation of the label referred as Resolution 606 in IATA documentation
- Automatically printing of labels from MAWB position selected from the Export Module of the SIATA
- Printing one label for each package of the Master Airway Bill
- Ability to print House AWB data if required

STAND-ALONE IATA LABEL PRINTING APPLICATION

This application automatically creates air cargo labels required by IATA, using manually entered data.

- Creation of the label referred as Resolution 606 in IATA documentation
- Printing labels independently of SOFTTRANS®
- Only MAWB number, number of packages and weight data entries are required
- Printing one label for each package of the Master Airway Bill
- Ability to print House AWB data if required

SOFT VEHICLE LOCATION AND MESSAGE INTEGRATION (ARVENTO, SATKO, NAVIGATION, SOFTEAL, TRANSICS)

With this application, information exchange is provided between the International and Domestic Vehicle Tracking and Fleet Management Applications in companies with satellite or GSM based vehicle tracking systems

- Processing the location information received via periodic messages from the vehicle tracking system into vehicle cards
- Ability for authorized users to send messages to the vehicle from within the application
- Monitoring of messages and information sent from the vehicle through SOFTTRANS®
- Tracking the receipt information of sent messages
- Forwarding messages and receipts received by MS Exchange Server System Integration Application to certain users via e-mail
- Forwarding the messages received from the driver to the desired phones via SOFT SMS Integration Application as SMS

SOFTTRANS® - SOFTEAL WORKFLOW SYSTEM INTEGRATION

This application enables information exchange between SOFTEAL Vehicle Tracking System, Client/Server Software and Task Manager Application on Dreevo Lite/III Devices and SOFTTRANS® International and Domestic Vehicle Tracking and Fleet Management, International Road Transport, Domestic Logistics and General Cargo Transportation and SOFTDİSPO Advanced Level Planning Applications.

- Execution of the functions assigned to the keys of the device in the vehicle by pressing the keys by the driver
- Chronological recording of pre-defined vehicle and load situations such as entering the loading, loading, unloading, entering to unloading, unloading, exit from unloading, customs entry, exit from customs
- Automatically associating the information regarding vehicle and load status changes transmitted to the center with the vehicle card, position and shipment records
- Instant tracking and reporting of loading, unloading and waiting times at customs and load status information
- Creating data to monitor opportunity costs
- Taking cargo delivery and other documents, photographs for damage and etc. from SOFTEAL and associating them with relevant position, load, vehicle records in SOFTTRANS®
- Taking the information entered from the forms defined on SOFTEAL and integrating them into the relevant SOFTTRANS® Applications
- "Geocoding" the loading or unloading addresses of the loads with a button or transaction positions
- The ability to send the latitude and longitude information of the loading points to the vehicle for using with the navigation feature on the device

SOFTTRANS® - WABCO (TRANSICS) WORKFLOW SYSTEM INTEGRATION

Transics is a leading company that offers technological solutions in commercial vehicle and fleet tracking within the Wabco Group. SOFT is the authorized dealer of the Transics solutions for the logistics and transportation sector in Turkey. This interface application provides integration between Transics solutions and SOFT Applications. Through this integration provided by the web services offered by Transics, the following definitions are made into the Transics System:

- Vehicle, vehicle group, driver identification
- Vehicle device pairing
- The company's garage, warehouses, border gates, customs, etc. points
- Regions
- Routes
- Corridors

These definitions ensure that alarms are received by the workflow system, especially when entering and leaving the zones, in case of leaving the route and corridor. The following features are available with the workflow system:

- Execution of the functions assigned to the keys of the device in the vehicle by pressing the keys by the driver
- Chronological recording of pre-defined vehicle and load situations such as entering the loading, loading, unloading, entering to unloading, unloading, exit from unloading, customs entry, exit from customs
- Automatically associating the information regarding vehicle and load status changes transmitted to the center with the vehicle card, position and shipment records
- Instant tracking and reporting of loading, unloading and waiting times at customs and load status information
- Creating data to monitor opportunity costs
- Taking cargo delivery and other documents, photographs for damage and etc. from Transics and associating them with relevant position, load, vehicle records in SOFTTRANS®
- Taking the information entered from the forms defined on Transics and integrating them into the relevant SOFTTRANS® Applications
- "Geocoding" the loading or unloading addresses of the loads with a button or transaction positions
- The ability to send the latitude and longitude information of the loading points to the vehicle for using with the navigation feature on the device

SOFTTRANS® - CHAMP (TRAXON) EDI INTEGRATION APPLICATION

This application comprises electronic data interchange between SOFTTRANS® International Air Transportation Application and CHAMP System. This application provides the infrastructure for e-AWB.

- Single interface for integration with member airlines
- Sending booking request
- Sending MAWB data automatically
- Sending HAWB data
- Receiving status messages 7x24 automatically
- Updating received status information (shipped, departed, arrived, in customs, etc.) to related positions and shipments and chronological inquiry
- Supplier evaluation by actual arrival date data received from Tstatus messages
- Retrieving import shipments from CHAMP system and automatically creating position records
- Retrieving status data of import shipments and updating import positions.
- Sending and receiving messages in CARGOIMP format over Internet

SOFTTRANS® - DESCARTES EDI INTEGRATION APPLICATION

This application comprises electronic data interchange between SOFTTRANS® International Air Transportation Application and DESCARTES System. This application provides the infrastructure for e-AWB.

- Single interface for integration with member airlines
- Sending booking request
- Sending MAWB data automatically
- Sending HAWB data
- Receiving status messages 7x24 automatically
- Updating received status information (shipped, departed, arrived, in customs, etc.) to related positions and shipments and chronological inquiry
- Supplier evaluation by actual arrival date data received from the status messages
- Sending and receiving messages in CARGOIMP format over Internet

SOFTTRANS® – DESCARTES ACAS™ EDI INTEGRATION

This application performs the process of sending the export bill of lading - freight information created in the SOFTTRANS® International Airway Transport Application to the Descartes ACAS (Air Cargo Advance Screening) System for the US Customs via Electronic Data Exchange (EDI) and associating the received responses with the relevant cargo information. Electronic Data Exchange is done through Descartes, a service provider company certified by the US Customs.

- Message exchange with SOFTTRANS® EDI Subsystem
- Message transfer with FTP Protocol over internet access
- Bill of lading information control
- Sending and receiving messages in the CargoIMP standard (FHL and FWB)
  - CargoIMP FWB / 16 (FWB Message) for direct shipments (Direct to Consignee)
  - CargoIMP FHL / 4 (FHL Message) for consolidated shipments (intermediate bill of lading)
- Processing the responses from Descartes to the International Airline Transport Application
- Sending messges with the ACAS Message sending button on the main bill of lading screen and creating work order records for the loads related to message.
- Informing message status on the position screen
- Notifying users by e-mail messages with the Exchange System Integration Application

SOFTTRANS® – INTTRA EDI INTEGRATION

INTTRA is an e-commerce platform established from sea carries like Hamburg Süd, Hapag Lloyd, Maersk, DAL, CMA-CGM, P&O Nedlloyd, NYK Line, ANL, Aliança, Safmarine, MSC, K Lines, Senator Lines. This interface application provides an infrastructure enabling electronic data interchange between SOFT International Sea Transportation Application and INTTRA. SOFTTRANS® - INTTRA EDI Integration Application provides transmitting of the following messages between SOFTTRANS® International Sea Transportation Application and INTTRA Platform, electronically in XML format.

- Booking Request Message from SOFT to carrier company via INTTRA
- Shipping Instruction Message from SOFT to carrier company via INTTRA
- Acknowledgement Messages from carrier company to SOFT via INTTRA
- Status Messages (IFTSTA) from carrier company to SOFT via INTTRA
- Automatic messaging over SOFTTRANS® EDI infrastructure

SOFTTRANS® - INTTRA SOLAS VGM EDI INTEGRATION

This application provides transmitting of the Verified Gross Mass - VGM data according to the SOLAS regulation from SOFTTRANS® International Sea Transportation Application to sea carries via INTTRA SOLAS VGM Services, electronically in XML format.

SOFTTRANS® - INTTRA SOLAS VGM EDI Integration Application is working with the SOFTTRANS® - INTTRA EDI Integration Application.

SOFT is the authorized reseller of the INTTRA SOLAS VGM Services. A service contract should signed with SOFT and a service fee should be paid at the and of each month based on the number of containers declared.

• INTTRA VGM (Verified Gross Mass) XML Version 0.8 mesaj format
• Container based one way VGM declaration

SOFTTRANS® – AMS EDI INTEGRATION

SOFTTRANS® - AMS EDI Integration Application provides sending export manifest data created in International Sea Transportation Application to USA Customs' AMS System for approval via Electronic Data Interchange (EDI), and linking the responses with related shipment data. Electronic Data Interchange process is supplied by IES Ltd., a service provider company authorized by USA Customs.

• Message interchange with SOFTTRANS® EDI Sub-system
• Message transfer with FTP protocol over internet
• Bill of lading data control
• Message sending and receiving in XML standards
• Recording responses from AMS to International Sea Transportation Application
• Warning users by e-mail via Exchange System Integration Application

SOFTTRANS® - SHIPSGO EDI INTEGRATION

Shipsgo.com is a global platform that aims to share information with all parties providing container transportation services. It serves on the basis of membership. This interface application provides integration between SOFTTRANS® International Seaway Transportation Application and Shipsgo services. Companies that are members of Shipsgo are provided with the following functions and features within SOFT Applications:

• With the Web Services provided, inquiries are made with the MBL Deniz Ana bill of lading number
• As a result of the query, for each container in MBL:
  • Loading aboard
  • Unloading from the ship,
  • Warehouse Entry,
  • Warehouse Exit etc.
• Ship Name, Location, Time Information can be obtained for movements.
• This information can be made available to customers through various SOFTMOBILE and SOFTINTERFACE Applications

SOFTTRANS® - MARINE TRAFFIC EDI INTEGRATION

MarineTraffic is a platform for tracking commercial vessels on a global scale and sharing their location and other navigational information. This interface application provides integration between SOFTTRANS® International Seaway Traansportation Application and Marine Traffic, allowing companies that are members of Marine Traffic to use the following functions and features within SOFT Applications:

• Querying ship positions with ship IMO number
• Displaying the ship location on the map on the company website or mobile applications
• Receiving information about ship direction, destination port, ship speed, route
• Receiving estimated time of arrival (ETA) information

SOFTTRANS® – ISF EDI INTEGRATION

Companies importing to the United States have to send the information related to the import products to the customs authorities minimum 24 hours before the ship departs. For this transaction, which is called Importer Security Filing (ISF), Seller, Buyer, Importer, Producer, Shipping Location, Country of Origin, and HTSUS (Harmonized Tariff Schedule of the United States) Number are required.

Minimum 24 hours before the ship arrives at the United States, the latest update of the information listed above, and Container Stacking Location and Consolidation Company information must be entered. SOFTTRANS® - ISF EDI Integration Application ensures sending the information required by ISF through Electronic Data Interchange to the US Customs from within SOFTTRANS® International Sea Transportation Application.

ISF Electronic Data Interchange transaction is performed through Vilden Associates Inc. (Vilden), which is a service provider company certified by the US Customs, in XML format. Vilden provides its EDI connection with the US Customs along with 7*24 support service. It is required to sign a contract with Vilden in order to utilize its service.

SOFTTRANS® – ENS/EXS EDI INTEGRATION

An Electronic Entry Summary Declaration (ENS) must be submitted for all kinds of goods that will enter the European Union customs area as of 01.01.2011 (in accordance with the EU Customs Law Article 36a). Electronic Exit Summary Declaration (EXS) must also be submitted for all kinds of goods that will leave the EU customs area (in accordance with the EU Customs Law Article 182a).

If import and export transportation is made to EU countries, Electronic Entry Summary Declaration (ENS) and Exit Summary Declaration (EXS) are made by business partner (agency or carrier) companies established in EU entry and exit countries. Entry Summary Declaration (ENS) is prepared for export shipments (both EU transit and EU arrival) through Greece, France, Italy and Bulgaria.

Companies that makes import/export operations to EU countries are required to send information about the products they import/export to the EU customs before the ship arrival / departure. The ENS / EXS Electronic Data Exchange transaction is transmitted to EU Customs in XML format via its business partner (carrier) using SOFT Applications.

By using SOFTTRANS® - ENS / EXS EDI Integration, it is possible to send notifications about web services. SOFTTRANS® - NCTS/T1 Integration Application and notifications of secured shipments by companies that have given their own guarantees can be used for EU import and export exit and arrival transactions.

SOFTTRANS® - BILGE EDI SUMMARY DECLARATION INTEGRATION

This application provides transfer of summary declaration data to BILGE software used in Turkish Customs, and the integration of received replies from BILGE software with SOFTTRANS®. The application operates together with SOFT Electronic Signature Integration Application for electronically signed transfers.

- Standard codes used in BILGE software
- Data control by grouping shipments in the position on customs basis and creating Pre-Declaration, Arrival Notification, Depart Notification messages
- Sending Summary Declaration via BİLGE Web Services
- Automatic sending and receiving of messages without user intervention
- Receiving and interpretation of reply messages coming from BILGE software
- Warning the user by e-mail with MS Exchange Server System Integration module
- Displaying error messages, if any
- Recording of registration number coming from BILGE software to shipments
- Prevention of sending messages repeatedly
- Integration with International Road, Air, Sea and Railway Transportation, Bonded Warehouse and Export Warehouse Management, Line Agency and Operation, and RO-RO Operation Management System applications
- Printing registered Summary Declaration on a special form
- Generating a record in Stamp Duty book for tax declaration to government and setting off stamp duty expenses, when Summary Declaration form is prepared.
- Summary Declaration status inquiry
- SOFT EDI robot operating in integration with EDI translator and Web Services
- Sending declaration with e-signature via SOFT Electronic Signature Integration Application

SOFTTRANS® - BILGE EDI DETAILED DECLARATION INTEGRATION *

This application provides the transfer of detailed declaration data to BILGE software used in Turkish Customs, and the integration of received replies from BILGE software with SOFTTRANS®. The application operates using Web Services and it operates together with SOFT Electronic Signature Integration Application for electronically signed transfers.

- Standard codes used in BILGE software
- Control of necessary data for declaration registration
- Generating declaration data and sending it via BILGE Web Services
- Automatic receiving and sending of messages without user intervention
- Displaying error messages, if any
- Prevention of sending messages repeatedly
- Receiving and interpretation of reply messages coming from BILGE software, and updating to SOFTTRANS® Database
- Warning senders by e-mail with MS Exchange Server System Integration module
- Integration with Customs Management Application
- Import and export declarations
- Printing registered declaration on a special form
- Declaration status inquiry
- SOFT EDI robot operating in integration with EDI translator

SOFTTRANS® - MAVI AUTHORIZED CUSTOMS BROKERAGE SYSTEM INTEGRATION

SOFTTRANS® Bonded Warehouse and Export Warehouse Management Application and this application transfers 4 types of data from Warehouse Management Module to MAVI Authorized Customs Brokerage System (MAVI YGMS), which was developed by Mavi Software Company. Transfer is performed automatically with Microsoft Web Service technology using SOFTTRANS® EDI Robot. 4 Web Services operating on robot are as following:

- Transfer of Warehouse Entries (shipments entering Temporary Storage area) to MAVI YGM System
- Transfer of Bonded Warehouse Entries to MAVI YGM System
- Transfer of Warehouse Exits to MAVI YGM System
- Transfer of Bonded Warehouse Exits to MAVI YGM System

Whether the data is transferred with minutes or without minutes can parametrically be adjusted. When integration is started to be used, it is required only once that all of the present Bonded Warehouse stock should be transferred to MAVI YGM System.

SOFTTRANS® - NCTS/T1 INTEGRATION

SOFTTRANS® - NCTS/T1 Integration Application is an interface application which provides efficiency, minimization of errors and cost saving by customs planning utilizing SOFTTRANS® position and shipment data, and sending T1 declarations electronically without entering data again from Web pages to Turkish and European NCTS Systems.

SOFTTRANS® - NCTS/T1 Integration Application consists of a basic module, and 3 different integration interfaces which provide integration with Turkish NCTS System, TOBB-UND and SGS Companies' Systems which operate with this module. Any interface can be selected and all interfaces can operate together.

SOFTTRANS® - NCTS/T1 Integration Application basic module, independent of the service provider, provides the preparation of T1 declarations, completion of missing data and makes it ready to be sent via selected interface, in integration with SOFTTRANS® International Road, Sea and Air Cargo Transportation, and Line Agency applications. Processing MRN number received after sending T1 declaration via interface modules, T1 closing and status data onto related position and shipments, batch tracing and tracking are also done with this module.

The interface to be used during data entry is selected while preparing the declaration. Special interface module is activated and it performs required transformations and message interchange for the system selected for sending the declaration and receiving register and closing data.

Turkish Customs T.C. NTCS Interface

With this interface, sending notification and status tracking are performed using web services provided by T.C. NTCS Application. With this interface, sending notifications between domestic customs which do not require collaterals, notifications related to guaranteed transports by companies which have submitted their collaterals to Turkisk Customs Authority, and transit transactions starting or ending in Europe can be performed also..

SGS Service Provider Interface

With this interface, notifications can be sent to European NTCS System and T.C. NTCS System using SGS collateral via SGS TransitNet System. In these notifications, SGS is displayed as the main party in charge. The company to use this interface has to sign a separate contract with SGS on this matter. Notification or notifications prepared for a truck are loaded in batch onto SGS System by web services via SGS Interface.

After loading, the notification is fully displayed on SGS web page and after confirming T1 fees on web page, it is sent to European customs for registration.

MRN number received for registration and different status of the notification opened afterwards are integrated into SOFTTRANS® and they can be seen historically in SOFTTRANS® - NCTS/T1 Integration Application.

T1 fee to be paid to SGS shall be transferred and generated as an expense item under related position in SOFTTRANS®. When SGS invoices are received, expense invoice can be saved on batch expense invoice screen without additional data entry.

Besides T1, notifications of the type TIR EPD and IMP can also be prepared for using especially in transports made by U.N. Ro-Ro can be prepared with SGS Interface. This data is sent to U.N. Ro-Ro and its agents via SGS to be used for ISC registration.

TOBB-UND Service Provider Interface

This is an interface prepared for companies to open T1 notifications using TOBB-UND guarantee, and these notifications are sent to TOBB-UNS System with web services prepared by TOBB-UND.

MRN number received for registration and different status of the notification opened afterwards are integrated into SOFTTRANS® and they can be seen historically in SOFTTRANS® - NCTS/T1 Integration Application.

OREGON Service Provider Interface

This is an interface prepared for companies to open T1 notifications using OREGON guarantee, and these notifications are sent to OREGON System with web services prepared by OREGON.

MRN number received for registration and different status of the notification opened afterwards are integrated into SOFTTRANS® and they can be seen historically in SOFTTRANS® - NCTS/T1 Integration Application.

STAND-ALONE SUMMARY DECLARATION BILGE EDI INTEGRATION APPLICATION

This application is a stand-alone software providing the transfer of summary declaration data to BİLGE software used in Turkish Customs, and receiving of replies from BILGE software. The application operates with Web Services and it operates together with SOFT Electronic Signature Integration Application for electronically signed transfers.

- Standard codes used in BILGE software
- Definition of required customer company data
- Entry and control of data for Summary Declaration
- Sending Summary Declaration with BILGE Web Services
- Receiving and interpretation of reply messages from BILGE software, and displaying error messages, if any
- Prevention of sending messages repeatedly
- Import and Export Summary Declarations and Bonded Warehouse Transfer Declaration
- Printing registered declaration on a special form
- Summary Declaration status inquiry, summary declaration inquiry using registration number
- Summary Declaration Reporting

PRODUCER DATA BARCODE INTEGRATION

This application which operates on hand terminal with barcode reader includes such functions as: reading barcode labels on packages coming from different producers; saving them in "Goods Order Details" defined under related shipment in SOFTTRANS®; and, sending them as EDI messages to agents or representative companies.

- Project selection (Customer Selection)
- Defining producers
- Defining coded data
- Loading transactions
- Data transfer
- SOFTTRANS® Goods Order Detail Integration

VEHICLE RECOGNITION AND FUEL SYSTEM INTEGRATION (BP/SHELL/OPET/MOIL/PO/OMV/AS24/ESSO/TOTAL/DKV/ASIS/TURPAK)

For companies using BP, SHELL, MOIL, OPET, PO, OMV, AS24, ESSO, TOTAL, DKV, ASIS and TURPAK Vehicle Recognition and Fuel Sales Systems, this application provides integration of fuel sales data to Truck Tracking and Fleet Management Applications and General Accounting Application. Every integration is a different module.

- Data transfer; tracking and recording fuel transactions daily into the system
- Data transfer to fuel tracking system in Truck Tracking and Fleet Management applications
- General Accounting expense accounts and cost center integration
- Controlling expense invoices with fuel transactions generated

SOFT WEIGHBRIDGE INTEGRATION

This application provides transfer of weighing results to SOFT Warehouse, Export Warehouse and Bonded Warehouse Management and Domestic Logistics, Purchasing and Sales applications, by performing integration between SOFT applications and weighbridge producers like Esit, Tunaylar and Baykon.

- Measuring the tare by empty and full weighing
- Printing weighbridge receipt
- Receiving special data for application to be integrated with
- Automatic triggerring of workflows

SOFTCONNECT APPLICATION

This application has been developed for running limited application functions on a personal computer at critical offices or locations which have a high loading capacity, in case there is a discontinuity in the operation of SOFTTRANS® Applications. In an environment consisting of a personal computer and a printer, it provides basic functions like transport waybill data entry and printing. The programmes have been developed so that the application can operate on a personal computer (MS Windows) in Microsoft MSDE (limited MS SQL release, free of charge) and Microsoft.Net environment.

Before entering any data, coded data (such as company and user definitions, truck, driver data) related to only the location where the programme is to be run are transferred to SOFTCONNECT Application over the Internet connection from SOFTTRANS® system. After loading this data, data can be entered quickly and in a controlled manner as in SOFTTRANS®. Domestic transport waybills can be issued for Domestic Logistics and General Cargo Transportation Application and they can be sent to SOFTTRANS®. Car transport and container transport waybills can not be issued with the present release.

There are steps in SOFTTRANS® for automatic creation of position and shipment records in the required module by retrieving data from SOFTCONNECT. After completing these steps, transactions such as rate calculation and invoicing can be performed from within SOFTTRANS®.

SOFTTRANS® - SAP ACCOUNTING INVOICE INTEGRATION

This application provides integration of issued income and return invoices, entered expense and return invoices, and internal/external statements in SOFTTRANS® operational applications, to SAP System. Ameta invoices, income and expense statements and cancelled invoices created in SOFTTRANS® are also integrated. End-of-month and end-of-year accruals integration are not covered.

For each invoice and statement created using standard invoice and statement operation processes in SOFTTRANS®, a real-time integration file in XML format is created and is placed in a common folder on CUSTOMER server.

SUPPLY CHAIN MANAGEMENT EXECUTION WEB PORTAL

This Web Portal, which is developed in English, includes such functions as: tracking of transport orders entered or loaded in Excel forms by logistics service receiving companies, by the Logistics Company; updating loading data and status changes; and, reporting of the whole process. It operates in integration with SOFTTRANS®. It can be integrated with different systems with a special project. Web Portal operates with Microsoft.Net Technology on Microsoft SQL Server Data Base.

Administrator Pages

- Company and Project definitions
- Defining project companies (Joint or Project-specific loading and delivery locations, supplier, etc.)
- Defining project fields (Project fields, titles, index fields, titles by language, lengths, etc.)
- Definig portal users (logistics, project engineer) and user authorizations

Basic User Pages

- User system entry and password update screens. User entry can select company and project automatically
- Project goods order detail entry and update; transit durations entry; problem entry related with shipment
- Project goods order detail entry transactions
- Data loading onto portal in Excel
- Parametric filtered reporting (in Excel format)
- Reporting those shipments which exceed transit durations and which are problematic

System Functions

- Logging and reporting changes; direct Access to portal from report by link
- Project goods order entry, update, transaction Web services
- Preparing daily information mails by using logs (Project customer, logistics company)
- Data receiving/sending via EDI
- Master data update (materials and companies)

Coded data which can be added by user authorization

- Company, address, contact person communication data
- Material, country, currency definitions
- Transport types, sea and air ports
- Exit locations
- Carrier companies, sea lines, airline companies
- Truck, driver and vessel definitions
- Package and container types

NEW GENERATION SOFT EXTRANET APPLICATION

The purpose of SOFT Extranet Application is to open the data in SOFTTRANS® and SOFTFINANCE Applications, over the Internet in a controlled manner, to customers, agents, suppliers, business partners, and similar institutions and organizations. SOFT Extranet Application consists of: a main module which includes administrative functions such as portal structure, parameters, user definitions, authorizations, Main Page, Password Entry, Password Change, Password Request Form, Forgot My Password, and the standard functions listed below; and Web pages specially developed on this main page. New Generation SOFT Extranet Application has been developed with Microsoft Asp.Net Technology. It accesses SOFTTRANS® and SOFTFINANCE data bases and work procedures using SOFT Web Services through Progress Application Server or PASOE.

Microsoft Asp.Net applications run on all Web browsers. On the Web, the application provides desktop easiness on Web, and is compatible with drag and drop and all supported touch Technologies.

The application provides the whole infrastructure including certified statutory book required for documents and announcements which must be published on the Web pages of companies, according to the new Turkish Commercial Code.

Functions supported by New Generation SOFT Extranet Application are listed below:

- International Road, Air and Sea Transportations shipment inquiry
- International Road, Air and Sea Transportations order entry
- Domestic Logistics and General Cargo Transportation shipment inquiry
- Domestic Logistics transport order entry
- Bonded Warehouse shipment inquiry and Warehouse account inquiry
- Shipment status and filter by date
- Adjusting inquiry fields and sequence by user
- If position data for shipment exists, displaying it on map (political and satellite display on Bing Maps)
- Displaying and downloading of permitted documents related with shipment
- Document issuing related with shipment
- Inquiry of trucks and shipment coming to agent
- Agent shipment delivery data entry
- Displaying maps and documents related with shipment presented to customers
- New dealer-department store definition
- New material definition
- Sales order entry
- Purchase order entry
- Order shipping confirmation
- Inquiry of warehouse entry, exit and other transactions

- Material stock inquiry
- Current account statement and current account balance
- User password transactions

Besides basic functions and screens listed above as a standard, other additional function and screen requests (original requests) are priced according to the content and number of pages.

SOFT WEB SERVICES APPLICATION

The purpose of SOFT Web Services Application is to open the functions in SOFT Applications to CUSTOMER, CUSTOMER's customer, and agents, to be used by calling these functions in programmes they are going to write. By using the interfaces in this application, data reading or writing is possible without any need to have any other information about SOFT software and data base.

These interfaces have been prepared by using Microsoft.Net Web Services. They access SOFTTRANS® and SOFTFINANCE data bases and work procedures through Progress Application Server. Original requests other than basic functions listed below will be considered as a project and will be priced accordingly.

- International Road, Air and Sea Transportations shipment inquiry
- International Road, Air and Sea Transportations order entry
- Domestic Logistics and General Cargo Transportation shipment inquiry and transport order entry
- Bonded Warehouse shipment inquiry and Warehouse account inquiry
- Inquiry of trucks and shipment coming to agent
- Agent shipment delivery data entry
- New dealer-department store definition
- New material definition
- Sales order entry
- Purchase order entry
- Order inquiry
- Order shipping confirmation
- Inquiry of warehouse entry, exit and other transactions
- Material stock inquiry
- Current account statement

SOFT – SOFT EDI INTEGRATION

This application provides sending and receiving of company card, position, shipment, invoice and other documents as XML Electronic Data Interchange (EDI) messages, between 2 different SOFTTRANS® Applications. The application must be installed on both sides. Electronic data Interchange is done with FTP.

SOFT U-ETDS LOAD AND TRANSPORT DATA INTEGRATION

Government Transportation Electronic Tracking and Control System (U-ETDS) is a system that aims to electronically monitor, evaluate and control the movement of goods, cargo and passengers carried by companies engaged in road transport. The companies within the scope are required to send the requested information about the load and transportation process to the U-ETDS system within 6 hours from the departure time of the vehicle in every goods transport activity.

SOFT U-ETDS Load and Transport Data Integration Application works in integration with SOFTTRANS® International Road Transport, Domestic Logistics and General Cargo Transport, Domestic Auto Transport and Domestic Container Transport Applications and realizes the controlled and automatic transmission, cancellation, monitoring and reporting of data.

In order for the application to work in integration with the U-ETDS system, the obliged company must apply to the Regional Directorate of Transportation, obtain the username / password information required for the test and live environment, and the external IP address of the company to which the data will be sent must be recorded.

SOFT U-ETDS Load and Transport Data Integration Application includes the following functions and features:

- Managing shipment records sent to U-ETDS system from a single screen
- Monitoring of shipped or unsuccessful loads with status codes
- The ability to update or cancel the shipment information sent to the U-ETDS system before 6 hours.
- Listing the information sent to the U-ETDS system on the relevant module screen

- Tracking of loads with Transport Type Code ("Dangerous Goods", "Other")
- Viewing of load detail information sent to U-ETDS system
- The report listing the shipments according to the plate, date and time criteria can be viewed on the U-ETDS system
- For self-owned vehicles, the ability to display company, authorization certificate and vehicle inspection information on the plate basis and prevent sending in case of non-compliance
- Viewing the professional qualification certificate information of the drivers and blocking the transmission in case of non-compliance

APPLICATION OPERATING ENVIRONMENTS AND TECHNICAL FEATURES

SOFTINTERFACE Application is developed with PROGRESS Relational Database and 4.GL (Version 11) and it can run with PROGRESS Version 10 Runtime. The application has a graphic user interface complying with Microsoft Windows standards and rich graphic features assure ease of use and productivity.

The application which runs in Client/Server architecture can be used on Windows installed PC's at the Client site and on UNIX and Windows Servers at the Server side.

Some SOFTINTERFACE Applications have been written with Microsoft.NET and Asp.Net technologies, and they have a Web-based structure. Some Applications are running with Microsoft SQL Server Data Base management System. iOS and Android applications are developed specifically for these operating systems.

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