

# TradeXpress



## SOLUTIONS

### Integration and e-invoicing



TradeXpress Enterprise offers a flexible and robust integration framework to communicate all types of applications and align support with corporate growth within its B2B collaboration approach. Using an all-in-one platform, TradeXpress Enterprise offers wide functional coverage: modeling business and integration processes, format conversion, exchange and process monitoring, interchange security...

## Advantages

TradeXpress deals with EDI, B2B, EAI or ETL integration challenges:

- Electronic data interchange (EDI): trading between the company and outside partners
- B2B integration (or eEAI): information system integration with Web-type applications
- Enterprise application integration (EAI): between company management applications, enterprise repository sharing...
- Data collection/ distribution: secure data interchange between the information system and remote site applications
- Data extraction, transformation and loading (ETL): synchronization of data between several DMS sources, form feed for datawarehouse or decision-taking software
- Business and technical process management: corporate processes modeling and execution
- The software offers a multi-environment management
- Fast return on investment
- Very extensive functional coverage



## Functionalities

**TradeXpress Modeler**, a business process and integration modeling, ensuring process orchestration, business rules and reaction to events

**TradeXpress Monitoring**, unified exchange control and supervision system, associated with **TradeXpress BAM** (Business Activity Monitoring solution)

**TradeXpress Administration**, a system and process administration platform

**TradeXpress Backbone/TradeXpress connect** urbanisation solutions (MOM, WS file transfer)

**TradeXpress Designer**, a shop for interface development and repository management (DMS, EDI, XML files)

A library with a hundred connectors in various fields

## References

### TRANSPORTATION AND LOGISTICS CUSTOMERS

Cat, Chronopost, Daher, DHL, Easydis, Gefco, Port of Le Havre, Port of Marseille, Premium Logistic, Schenker...

### LARGE SUPERMARKET AND SPECIALIST CHAINS

Autodistribution, Bricorama, Camif, Carrefour, Casino, Decathlon, Etam, Fnac, Intermarché, Leclerc, Metro, Rexel...

### FOOD INDUSTRY AND CONVENIENCE GOODS CUSTOMERS

Adidas, BMG-Sony, Bonduelle, Bongrain, Grand Marnier, Fromageries Bel, Hachette Livre, Lactalis, LDC, L'Oréal, Mc Bride, Norac, Royal Canin, Saupiquet...

### MANUFACTURER CUSTOMERS

Acome, Airbus, Armor, Dassault Aviation, Filtrauto, Legrand, Liebherr Aerospace, Safran, Sanofi, Schneider Electric, Sanden, Somfy International, Thomson, Toyota, Zodiac...

### DISTRIBUTION CUSTOMERS

Carglass, CDiscount, Conforama, Manutan, Relay...

### The Hosted Solution: HubXpress

Generix Group publishes the software TradeXpress and proposes an on-demand user service or SaaS by the name of HubXpress. The Generix Professional Services offering covers integration, development, deployment and training services provided by Generix Group integration teams.

# TradeXpress



## Characteristics

### Operating systems

Unix (IBM Aix, HP-UX, HP Itanium, Linux, Redhat Enterprise, Debian, SUN Solaris,) and Windows (2000, 2003, Vista)

### Writing languages

Java, C

### Architecture: thin client and Java

Java TradeXpress customer and access via an HTTP browser

### Data, repository storage

SQLite or DMS integrated database on market

### Multi-environment architecture

Unix User or Windows Service

### Characteristics of RTE language

C or C++ compiled L4G, possible insertion of external codes (C, C++, shell, script, executable, Java class ...), addition of customized objects.

### RTE language objects/instructions

(Reliable Transaction Engine)  
Roughly 100 instructions  
Access to DMS/R and FTP functions library, loops, calculations, CGI, inter-process communication, table management, variable management, inputs/outputs, Sap idoc, pdf, LDAP, character chain manipulation, testing/conditions, sockets, XML, Unicode management\*, etc.

### Task planning

Internal or external scheduler.

### Acknowledgement management

Protocol (Avis Allegro, DR/SR X.400, Exit CFT, EERP, MDN EDIINT, etc.)  
EDI (CONTROL, APERAK, ANSI 997 messages, etc.), applicative (ERP) and functional with wait and alert timer

### Security functions

Services (encryption and electronic signatures ), EDIFACT messages (AUTACK and CIPHER) algorithms (RSA, triple-DES, AES, IDEA, SQUARE, MD5, SHA-1, PGP, etc.), Is (HTTP-S, S-MIME, X.509 and LDAP)  
Certificate management database  
MIME and S/MIME envelope management  
XMLDSIG\* signature  
Connection to SSO\* infrastructures

### Exchange modes with applications

Directory polling, file depositing, file collection, inter-applicative  
Messaging, NFS, program to program, DMS requests, trigger, await messages files, RFC, ALE SAP, API of ERPs Web Services, etc.

### Supported media

#### Supported EDI norms and standards:

ANSI X12, B2, CFONB, EANCOM, EDIFACT, GENCOD, FIBEN, GTDI-TRADACOM, HL7, HPRIM, INOVERT, LIDIC, NOÉMIE, ODETTE-GALIA, SPEC2000C, SPEC2000M, TDFC, VDA, etc.

#### Supported XML versions (DTD or schemas):

cXML, ebXML, UCCnet, EANnet.fr, Rosettanet, XCBL, Xbrl, SWIFT, etc.

#### Supported formatings:

Fixed positions/lengths, tag separators (HTML), DMS request result, etc.

#### Type of files:

Office automation (pdf, RTF, XLS, TIFF, etc.), plans, programs, binary codes, images, text files, HTML, etc.

### Software and database interfaces

#### Interfaced ERPs:

Generix Collaborative Entreprise, Sage X3 (Adonix), Microsoft Dynamics AX et NAV, INFOR ERP LN (Baan), INFOR ERP LX (BPCS), JD Edwards, MFG PRO, Lawson M3 (Movex), Oracle Applications, Peoplesoft, SAP (EDI, trfc, XI) ...

#### Interfaced SCMs:

Agrostar, Aldata, I2, Hardis, Infolog, Manugistics, etc.

#### Interfaced e-trade applications:

Ariba, Commerce One, Content Europe, etc.

#### Other interfaced management software:

Agresso, Cegid, Coda, Conex, EWR+, EDIRIS, ELIT, e-med, Genacod, Generix, Gesica, JFC, Logdis, Logali, Logistar, Mapics, MBS, OCS, Phare, Pop Corn, Sage, Selligent, Siebel, Tolas, VIF, ...

#### Interfaced DMSs:

DB2 400, MS SQL Server, Oracle, Sybase, Informix, Progress, etc.

All databases supporting ODBC or JDBC

#### Handling software:

Operation center, Open view, Patrol, Tivoli, etc.  
Security software: Open PGP, Open SSL, Safex

### Transport mechanisms

#### Supported communication Is:

Allegro V11, ebXML Messaging Service V2, EDIINT AS/1, EDIINT AS/2, EDIINT AS/3, E-FTPS, Etebac 3/5, FTP, FTP Etendu, FTP-S, , G-COPE BDF, HL7 Messaging, HTTP, HTTP-S, Odette FTP, Pedi, PeSIT HS, Pop3, Presto, SMTP+MIME, RosettaNet RNIF 1 et 2, Sesam Vital/CPAM, Secure FTP, Soap (RPC, Messaging, ...), X.400 P1 (X.APIA), X.400 P7, X.435, etc.

### EDI VANs:

Allegro, D'Arva, Atlas400, ATT, BT, Dillicom, GXS, IBM/GN, MCI, Sterling, Telebox 400, Telepost, Telefonica, etc.

### Fax forwarding operators:

Atlas fax, Graphnet, Première Global Services, etc.

### Interfaced EDI communication softwares:

EDIGO for AIX by SERES, Isoplex by SOCOR, Route 400 by CLEARSWIFT, UA Allegro by SERES, UA DILLICOM, UA TEDECO by X and Mail, UAFI by Add on Mail, .

### Messaging software, HTTP servers

SMTP and/or POP3 compatible messaging: MS Exchange, IBM Notes

### HTTP servers:

Apache, IBM, Microsoft 2IS, Netscape

### File transfer softwares:

MOM, CFT by Axway, Connect (Direct, Express, Tom) by Sterling, Edith by RCS, Interpel by Axway, WebSphereMQ native by IBM All JMS compatible MOM

### Java

JDBC, JMS, EJB, JCA\*

### B2B portal

Customer portal  
Supplier portal  
WEB EDI portal certified by Galia  
Electronic catalogue management

### Web Services

Publication of services: process, transport, translation, etc.  
SOAP Messaging and SOAP RPC I management  
UDDI directory\*  
WSDL\* requests  
Compliance with main standards: WS Addressing, WS ReliableMessaging, WS Security

### Remote returns, remote transmissions

Certification by EDIFICAS in 2001  
tax bundle, VAT, DUCS, and MSA remote returns, CPAM remote transmission (email/LDAP), SESAM VITALE certification in 2006

### Tax dematerialization of invoices

Certification by the General Tax Division in 2006  
connector with Invoice Manager software

\* available soon



SAP Certified Integration

Drummond group

Microsoft CERTIFIED Partner

IBM Business Partner