



→ **electronic**  
→ *Data Interchange*

OUR SUCCESS BEGINS WITH YOU

 **edicom**  
*connecting business*

service provider | supply chain management...

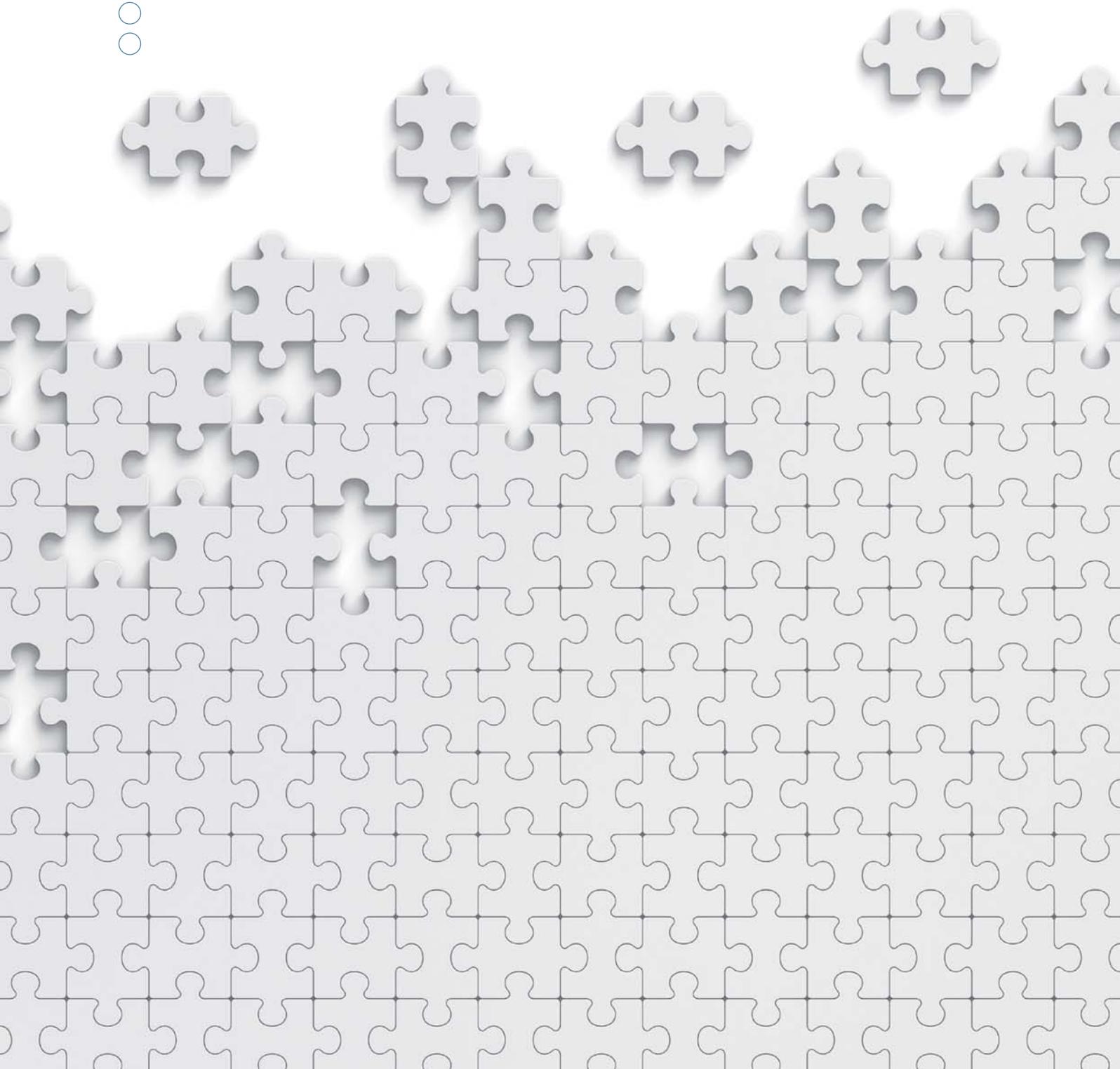


SOA | application  
outsourcing | ...



... xml/edi | efficient customer response | value added network | edifact | business

ediwin | xbrl | ebi mapping tool | edicom business integrator | odette | X



## OUR SUCCESS BEGINS WITH YOU

For us there is only one way to understand our work, and that is by putting ourselves in the shoes of our clients and users.

Specialists in data transmission and integration software consulting and development, at EDICOM we design high performance transactional systems designed to cover the needs of B2B e-commerce projects. After over a decade, our own development solutions are now positioned as a reference that has increased the value of the transactions of thousands of clients worldwide.

To achieve this, we have specialized in you, your needs, your expectations and your business... so that you don't have to worry about the installation, management and updating of advanced systems. At EDICOM we develop, implement and maintain our systems under strict service policies with a total focus on the client.

The success of each of our projects begins with you. With your suggestions, your ideas, but mainly with your decisions. Decisions driving your business towards advanced models, which constitute a full commitment to achieve the highest levels of excellence in your management.

### OFFICES EDICOM

- VALENCIA
- MILANO
- PARIS
- LA CIOTAT
- NEW YORK
- SÃO PAULO
- MEXICO D.F.
- BUENOS AIRES

## some of our customers...

### Retailers

El Corte Inglés, Carrefour, Harrods, Leroy Merlin, Toys 'R' Us, Delhaize, Dia, Douglas, Alcampo, Aki, Intersport, Sephora, Consum, Eroski, Makro, Cortefiel, Mercadona, Fnac, Media Markt, Conforama, The Singular Kitchen, Gruppo Pam, Esselunga, Cisalfa, Grupo Expert...

### Manufacturers

Unilever, Bonduelle, Energizer, Red Bull, Heinz, Saint Gobain, Schweppes, Bic, Bandai, L'Oreal, Kellogg's, Kimberly Clark, Reckitt Benckiser, Procter & Gamble, Tommy Hilfiger, Guess, Arpora & Ausonia, Valentino, Nintendo, MaxMara, Ferrero, Giochi Preziosi, BioCentury, Adolfo Dominguez, Vodafone, Tod's, Rip Curl, Aubade, Nutrexp, Loewe, Samsonite, Microsoft, Danone, Hans Grohe, Coronel Tappioca, Kraft, Bourjois, Sony, Billabong, Riso Gallo, Replay, Star...

### Logistic & transport

Kuehne & Nagel, Gefco, Transaher, Norbert Dentressangle Gerposa, DHL Exel, Movianto, Dispatching, Corriere Cecchi, Ochoa, Azkar, Cargo Depot, Carreras, Cat, Logista, FCC, Exel Logistics, Aldeasa, Sitrans Entrepotage, ID Logistics, Transcommerce Net, Hermes, Logicago, Rhenus Tetrans, Snatt Logistica, SDF Iberica, TNT Express, Transnatur...

### Automotive

Norauto, Feu Vert, Midas, Daimler Chrysler, Nissan, Arcelor Mittal, Pirelli, Gestamp, Ficos, Durex, Showa Europe, Rubi, Kayaba, Ruffini, Fujitsu Ten, Good Year, Michelin, Magna Electronics, Denso...

### Health

**Spanish Public Health Services:** Servicio Valenciano, IB-Salut, Osakidetza, SAS...

**Vendors:** Roche, GlaxoSmithKline, Pfizer, Novartis, Boehringer Ingelheim, Lilly, Bristol-Myers, Abbot, Becton Dickinson, Sanofi-Adventis, Novartis, Grifols, Alter, Bayer, Pierre Fabre, Cofares, Alliance Healthcare, Cecofar, Federación Farmacéutica, Novafar, Hefame...

### Tourism

El Corte Inglés, Marsans, Viajes Barceló, Carlson Wagonlit España, Halcón, Air Europa, Logitravel, Catai, Beds Online, Costa Crociere, Avis, Ibero Cruceros, Pullmantur Cruises, NH, Europcar, ABBA Hoteles, Atesa, Hertz, Marina D'Or...

### Mass media & Advertising

El País, Box News, Unión Radio( Cadena Ser, 40 Principales, M80,...), Santillana, Media Planning, Anaya, Edebe, Planeta de Agostini, Dom Quixote, SGEL (Relay), Random House Mondadori, Everest, Espasa Calpe, Europa Press...

### Finance

Cesce, Mapfre, Nacional Financiera, Caixa Laietana, Inverseguros Gestión, Banca Inbursa...

### Public Administration

Ministerio de Economía y Hacienda, Generalitat Valenciana, INVASSAT, I.V.E...



# → *electronic* → Data Interchange

*“Optimise your management processes by electronic data interchange (EDI) connectivity with your trading partners”*

## What is EDI

The acronym EDI stands for Electronic Data Interchange, a technology that has been used in the business world since the 1960s, and which essentially permits the **interchange of electronic documents between different computer systems.**

EDI is not a technology which is dependent on the internet, although the development of the network of networks has boosted its implementation and is today an agile, fast and safe system which facilitates the interchange of electronic data between all types of companies.

EDI speeds up and streamlines relations between trading partners regardless of size, nationality or sector of activity.

## What is required for EDI?



### Standard Language:

The Interchange of Electronic Data requires a common language shared by sender and receiver.

The use of standards allows structuring of the messages in terms of standards known by the parties, standards such as EDIFACT, X12, XM...



### EDI Software:

Sender and receiver must be able to provide an EDI solution with which to construct and manage the messages. These applications are capable of processing different EDI standards with those which generate, receive and interpret the interchanged documents.



### Communications network:

EDI requires safe communications systems which are adapted to the peculiarities of this type of transaction. There are different options, although the most widespread are VAN, or Value Added Networks.

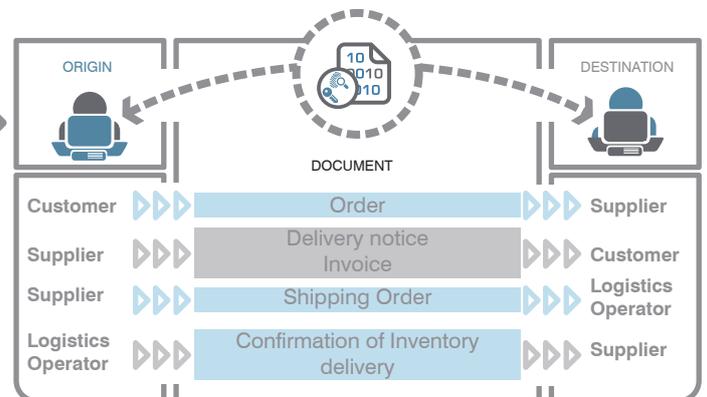
Valued Added Networks (VAN) are private communications networks with high levels of permanent security and control which guarantee the correct sending and receiving of the different documents.

## Which EDI documents may be interchanged

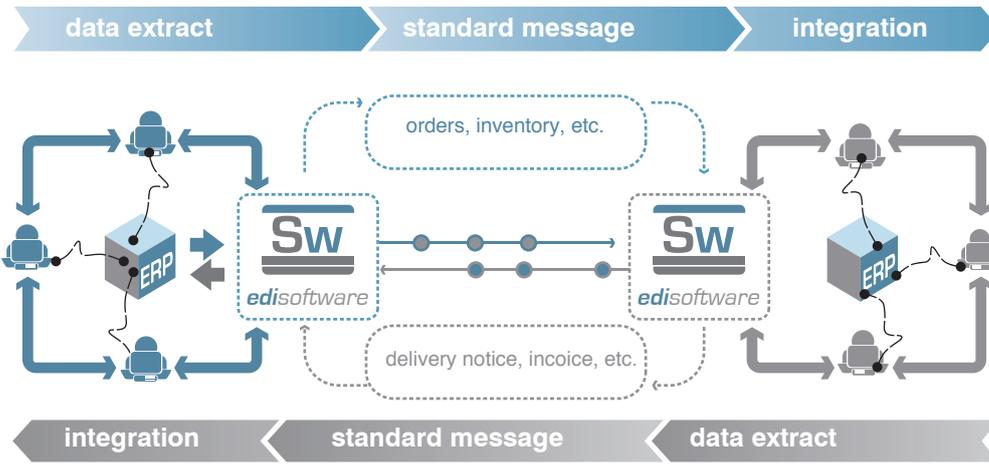
The standardised nature of the documents is what essentially differentiates EDI from other information interchange systems.

Orders, delivery notes, invoices, inventories, price lists, etc., can be electronically interchanged between different interlocutors thanks to the use of a common language which enables its integration into any computer system.

Nearly all transactions normally carried out by conventional means (fax, email, post...) can be managed via EDI.



*“EDI automates the generation, sending, receiving and registration processes of all transactions. In real time and totally eliminates paper management”*



Commercial documents are generated in the enterprise resource planning (ERP). The internal IT system communicates with the EDI software, transferring to it the data of the documents generated.

The EDI software recognises the transaction type and receiver. It transforms the data to the standard which the receiver expects to receive, and it is carried out through the agreed communication system: (ftp, VAN, AS2, WebServices...).

The document is received by the receiver's EDI software. It identifies the EDI standard recognising the sender and transaction type. It transforms the message to the ERP's own data structure, with which it communicates to integrate the transaction in the management system.

## Benefits of Electronic Data Interchange

EDI applied to the different operational systems in companies permits the obtaining of important benefits resulting in more agile and efficient operations. Benefits which translate into important cost reductions, which according to the level of implementation, can be as high as 90% with respect to the same process carried out in hardcopy documents.

### Automation of operations:

The printing of commercial documents, their handling, classification, inserting into envelopes, franking, sending, registry in ERP, etc. All of these tasks are dramatically reduced or even disappear.

### Integration of procedures between all interlocutors and trading partners:

The interchange of electronic documents is agreed between sender and receiver: This establishes a communication flow with common procedures and working models, clarifying the commercial relation and permits acting on the basis of known and shared management models.

### Reduction in response times:

EDI documents are sent and received in seconds. Total or partial automation of the processes associated to these also permits their registration in the ERP, the validation of quantities or prices, or the annulment of the adequate amounts, can be carried out almost instantly.

### Process status visibility:

The substitution of paper for electronic documents facilitates monitoring. It is possible to integrate transactions such as acknowledgement of receipt of orders, invoices, modifications on purchase orders, status of payments pending, etc.

Furthermore, the sending of documents through private networks such as EDICOMNet (EDICOM Value Added Network), provides permanent control on the status of messages with respect to their receipt, processing, reading, etc.

### Information exactness:

The information interchanged is made on the basis of standards known by the sender or receiver, which guarantee their correct interpretation regardless of nationalities or sectors of activity. In addition typical errors are eliminated when entering data, interpreting illegible faxes, loss of documents, errors when taking telephone orders, etc.

### Improvement of service to end user:

The implementation of EDI involves the application of optimum work flows and response times. The possibility of receiving advance receipt notification prior to the delivery of merchandise allows for example the planning of resources and needs for its unloading or redirection. It also permits adjusting production and delivery plans, thus improving the service finally received by the customer.

### Reduction of costs:

The automation of operations, the reduction of response times, the reduction of errors, the elimination of the use of paper... All these issues result in a much more efficient management system and a drastic reduction in costs.

### Improves financial ratios:

EDI allows the immediate sending and receiving of electronic invoices. The automation of processes for validation and annulment, also facilitates its rapid transmission at the destination thus permitting advance notification of treasury needs.

This anticipation enables making advance payments which can represent significant savings for the buyer thanks to the prompt payment discounts. Early settlement also represents significant improvements to the supplier's or invoice sender's Cash Flow.

### Optimisation of teams:

With EDI technology it is possible to handle a much higher number of commercial operations with less manpower. The phasing out of tasks associated with the management of paper documents permits the dedication of these teams to carry out tasks of greater added value.

## EDI Standards

The use of EDI standards guarantees the comprehension of documents regardless of the nationality or sector of activity of the receiving company. Some of the most common standards used are:

EDIFACT	ROSETANET
ANSI ASC X12	VDA
EANCOM	TRADACOM
ODETT	...etc...
UBL	

## highlights

*Different research carried out by consultants such as Gartner or Aberdeen Group, prove that EDI...*

- ▶ Reduces costs for processing commercial documents by at least 35%.
- ▶ In the specific case of invoices, this saving can even be as high as 90%.
- ▶ Improves the quality of information, reducing document processing errors by between 30 and 40%.
- ▶ Speeds up administrative and operational processes, reducing response times by around 61%.





## How to set up your EDI Project

Electronic Data Interchange (EDI), is today a reality present in a whole spectrum of business sectors. A reality which simplifies commercial relations thus boosting the improvement and growth of companies worldwide.

At first sight it could appear that EDI is more suited to large-sized companies with contrasted technological capacities. The reality is that to implement an EDI project is nowadays within the reach of any company, thanks to the economic solutions of fast set-up and ease of use which exempts users from any technical complexities.

EDICOM offers a wide range of possibilities with which to approach your EDI project, whatever your needs. From small implementations for the interchange of a few simple documents to large-scale corporate solutions for the management of millions of transactions in any part of the world.



 Access to EdiwinViewer is carried out with a internet browser. Users are logged into a private online environment from which they may administer their EDI solutions.

### VIEWER | EDI Internet Solution

*Construction of EDI documents through data entry screens*

EDIWIN VIEWER is an Edi-internet application for electronic document interchange (invoices, orders, delivery notes, etc.) for sending and receiving all types of EDI documents.

To send messages, users access simple data entry screens which comprise their documents. Later the receiver is identified in their address book, and Ediwin Viewer takes charge of its transformation to the standard agreed with the receiver, and is sent automatically through established communications protocol.



 Solution available in "SaaS" model (Software as a Service). No type of installation or investments in hardware or licences are required.

### XML-EDI SERVER | "Integrated" Solution

*Solution for the integration of all EDI transactions in your Internal Computer System*

With EDIWIN XML-EDI Server there is a tool available with the capacity for automatically generating your commercial transactions from the data in your ERP.

The commercial transactions are generated in the ERP or internal computer system on a regular basis. Ediwin takes the data from the management system, recognises the receiver and automatically generates the document in the agreed EDI standard.

When the Ediwin documents are received, the EDI standard in which they are generated identifies the sender and transaction type. Next the documents are transformed into a data structure which is recognisable by the ERP for their integration into the Management System.



### Total Outsourcing for your EDI platform

*Servicios para externalizar la administración de su solución EDI.*

The EDICOM outsourcing service externalises all the resources required for its implementation into your EDI project. These resources include the technological infrastructure for its start up in your project, and the integrated administration of your technological platform.

Specialised Edicom technicians will take over the actual tasks of an EDI user, undertaking the permanent monitoring, management, maintenance or incident resolution.



**edicom**  
connecting business



**ediwin**  
xml/edi server

Administration Help Exit

- PRESASP\_ES
  - Received Documents
  - Processing Pending (0)
  - Processed (28)

- Sent Documents
  - Pending Sending (1)
  - Marked for Sending (0)
  - Sent (54)
  - Rejects (2)
  - Recovered (48)

Deleted Documents (0)

- Temporal Selection
  - ORDERS D96 ECI 2010 (18)
  - ORDERS D96 ECI 2009 (54)

- Archive
  - INVOICES SIGNED

Processed

Signature	Source	Destination	Doc. Number	Date	Situation Change Date	Doc
	MR - COMPANY A	MS - COMPANY	12345680	02/12/2009	02/12/2009	EDI_DELFO
	MR - COMPANY A	MS - COMPANY	12345677	02/12/2009	02/12/2009	EDI_DELFO
	MR - COMPANY A	MS - COMPANY	RI/09006463	06/12/2009	06/12/2009	EDI_DELFO
	MR - COMPANY A	MS - COMPANY	12345680	02/12/2009	02/12/2009	EDI_DELFO
	MR - COMPANY A	MS - COMPANY	12345677	02/12/2009	02/12/2009	EDI_DELFO
	MR - COMPANY A	MS - COMPANY	RI/09006463	06/12/2009	06/12/2009	EDI_DELFO
	MR - COMPANY A	MS - COMPANY	12345677	02/12/2009	02/12/2009	EDI_DELFO
	MR - COMPANY A	MS - COMPANY	RI/09006463	06/12/2009	06/12/2009	EDI_DELFO

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