

# Communications Infrastructure



OUR SUCCESS BEGINS WITH YOU



service provider | supply chain management...

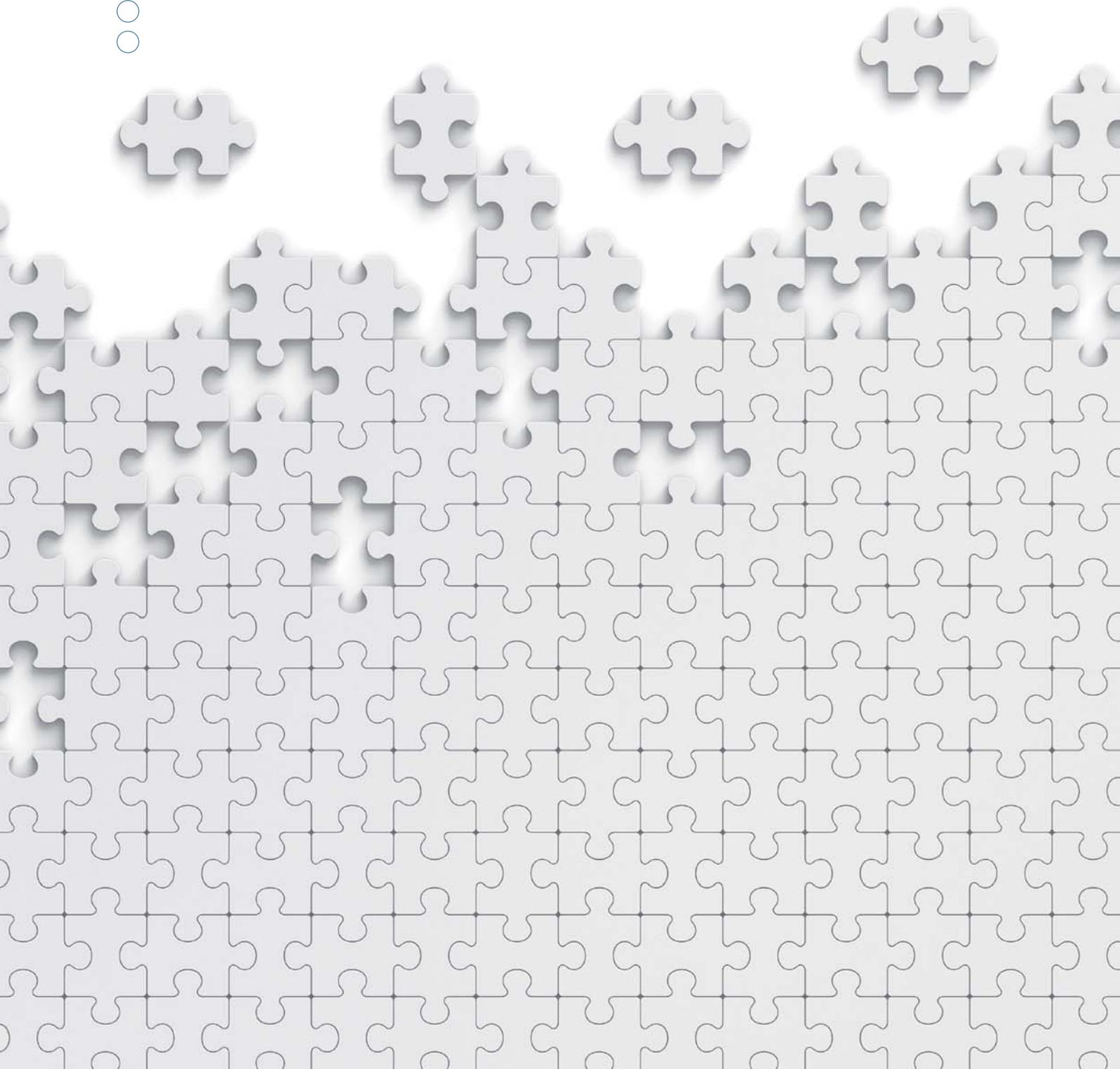


application | SOA | outsourcing | ...



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

... edifact | business intellig | ebi mapping tool | edicom business integrator | odette | X12 ..  
... edivin | xbrl |



## 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, Gruppo Pam, Esselunga, Cisolfa, Grupo Expert, Printemps, Galeries Lafayette, C1000 BV...

### 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, Nutrexpia, Loewe, Samsonite, Microsoft, Danone, Hans Grohe, Coronel Tappioca, Kraft, Bourjois, Sony, Billabong, Riso Gallo, Replay, Star, General Mills, Antonio Puig, Candy Hoover, Estee Lauder...

### 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, Logisargo, Rhenus Tetrans, Snatt Logistica, SDF Iberica, TNT Express, Transnatur...

### Automotive

Norauto, Feu Vert, Midas, Daimler Chrysler, Nissan, Arcelor Mittal, Pirelli, Gestamp, Ficoso, 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,

Sports Hotels, Insignia Hotel, Cruisses, NH, Europcar, 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...



## FEATURES

- In-house software development
- Secure private communication network.
- On-line access to platform resources.
- Integration with client's ERP.
- ASP Service EDICOM Hardware and Software hosting.
- Integral software management delegation in OUTSOURCING mode.
- Optimization of digital signature processes through integration with the EDICOM Certification Authority services.

## EDICOM TECHNOLOGICAL PLATFORM

At EDICOM we provide our services through a broad platform to give efficient responses to multiple clients, with very different characteristics and needs. To this end, we design solutions every day in line with market needs, continuously adapting our technology and resources with the aim of providing the best coverage to more than 8,000 current clients.

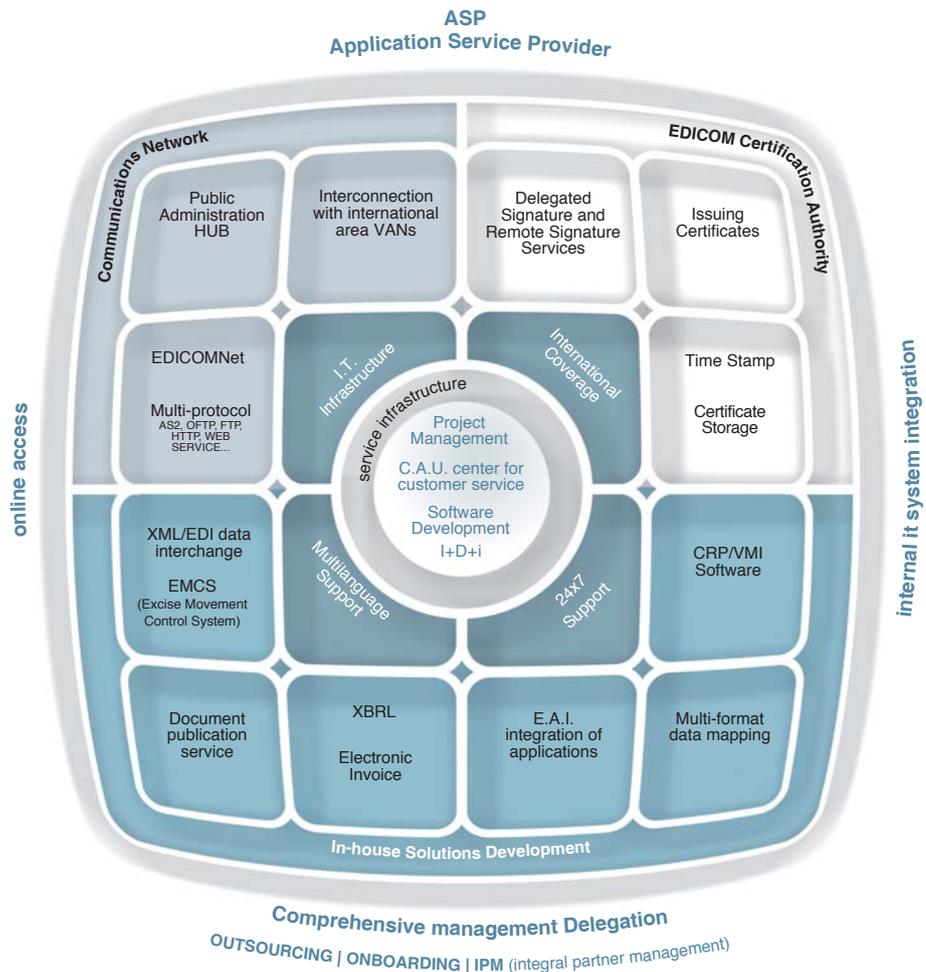
Our platform operates in ASP mode, so that the solutions reside in our servers, guaranteeing their uninterrupted operation through an ample service infrastructure.

Our platform's technological architecture is governed by scalability and load balance principles, increasing the hardware resources as needed and distributing the different services proportionately among them.

The permanent monitoring of the system 24 hours a day 7 days a week, the availability of all resources in duplicate, and our disaster recovery center located outside our main facilities, all guarantee the availability of the technological platform and service 365 days a year.



EDICOM has an Information Security Management System in compliance with standard UNE-ISO/IEC 27001:2007, as stipulated in the certification issued by AENOR, reference SI-0033/2009



## EDICOM, THE SAFEST AND MOST PROFITABLE MAILMAN

EDICOM, as supplier of technological data interchange solutions, provides a powerful solutions infrastructure including cutting-edge software along with advanced management and consultancy services.

The IT applications developed by EDICOM guarantee the generation, translation and integration of all the messages interchanged between companies according to the multiple standards in place (EDIFACT, XML, X12, ODETTE, VDA, etc.)

These messages require a vehicle, a transmission medium that acts as a mailman, allowing the source or sender to make all these transactions reach their destination. Sending must take place securely, efficiently and seamlessly to ensure that the thousand of messages handled on a daily basis between the different partners taking part in a commercial relation are received by the destination in time and in a suitable format.

To achieve this aim, the EDICOM technological platform integrates the best communications infrastructure. A powerful range of specific services for transmission of messages, with which the sending and reception of all the transactions to/from any trading partner are guaranteed.



### SPECIFIC MESSAGE SENDING AND RECEPTION SERVICES:



EDICOM VAN (Value Added Network)



Direct Connectivity with all European Public Administrations



Communications via AS2



EDICOM OFTP SERVER  
OFTP communications (Odette File Transfer Protocol)

# edicomNet

communications infrastructure

## EDICOM VALUE ADDED NETWORK

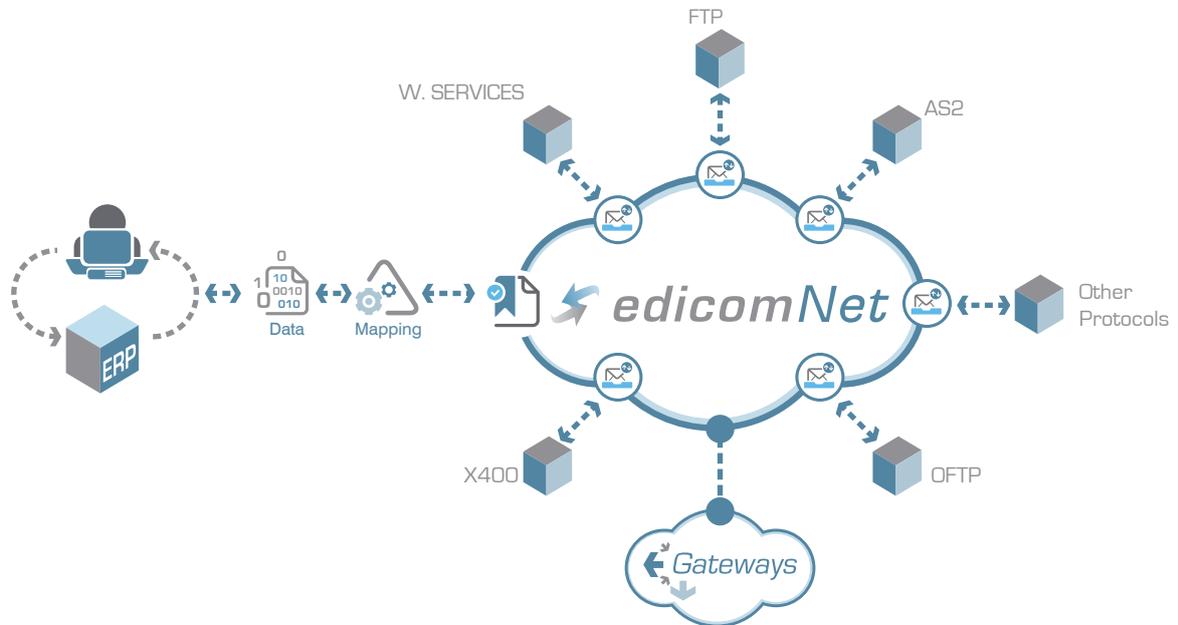


EDICOMNet is the EDICOM VAN (Value Added Network). A private and secure network that enables fluid and safe interchange of all types of transactions.

EDICOMNet processes more than 80 million transactions a year, from the more than 6,500 trading partners worldwide connected to the network as well as from others present in other VANs, thanks to multiple interoperability agreements.

EDICOMNet operates as a centralized synchronous communication management infrastructure, available 24 hours a day and permanently monitored. An infrastructure that guarantees the delivery of your messages of safely, establishing traceability records giving the senders total control of the state of their transactions.

- EDICOMNet is EDICOM's own private Value Added Network.
- Integrated in the Edicom Technological Service Platform, it guarantees connection with any trading partner.
- It is a multi-protocol and multi-standard network, able to connect with any partner and route all types of messages.
- High availability service, with traceability record of messages and confirmation of delivery and processing.



### EDICOMNet advantages:

- A multi-protocol network, allowing access via web services, Https, FTP, x400, OFTP and AS2, etc.
- Significant reduction in transaction costs thanks to the flat rate model among all the partners connected to EDICOMNET.
- Swift and immediate transmission thanks to grouping and data compression processes.
- Messages can be prioritized, letting you set up delivery or sending preferences according to transaction type.



EDICOMNet interconnections  
"Gateway" service

- EDICOMNet has more than 30 interconnections with some of the main VANs worldwide, ensuring global interoperability with practically any partner.
- EDICOMNet establishes firm and solid agreements with those networks that guarantee secure data interchange in the terms and conditions described in their Information Security Management System, in line with the ISO27001 standard.
- Some of the networks with which we have interoperability are: GXS, Sterling Commerce, Nubridges, Intesa, Easy Link, etc.

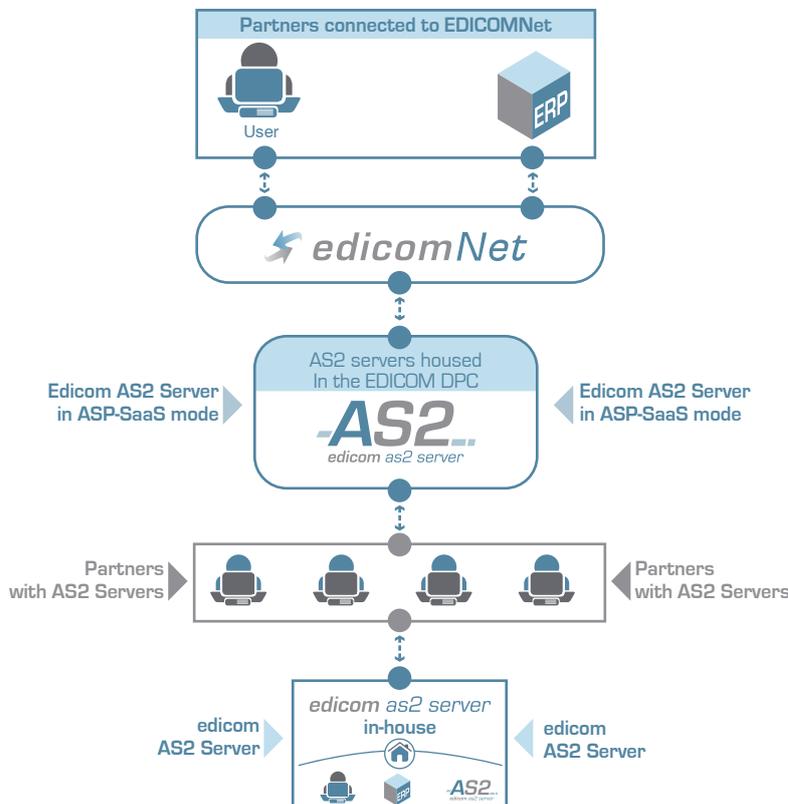
# -AS2..

edicom as2 server

## COMMUNICATIONS WITH AS2 SERVERS

EDICOM AS2 SERVER is the solution for interchanging business documents securely via Internet, using the HTTP protocol for transmission in different formats such as XML/ Binary, EDI and other codifiable data in MIME and used for interchanging data Business to Business.

Communications by means of this technology allow safe and seamless interchanges through the use of powerful data encryption techniques and digital certificates. Communications that implement delivery control processes by the management of receipt acknowledgments which act as a response to messages from the source server, requesting reception confirmation.



### AS2 Server Advantages

- Providing almost instant data transfer from source to destination, minimizing the error points in transmissions.
- Greater reliability and speed, increasing supply chain efficiency.
- It is designed to send and receive data securely via Internet, by means of encryption techniques ensuring that only the addressee can read the message information.
- Implementing electronic signature processes, it also lets you check the source authentication.
- Lets you detect if the document has undergone any alterations during transmission.
- Generating signed receipt acknowledgements, ensuring message reception.

#### In-house AS2 Server

For those users handling a high volume of transactions via AS2, the EDICOM AS2 Server can be installed "in house".

This way, the client can quickly set up secure point to point communications directly with their customers and suppliers.

#### Access to AS2 Server via EDICOMNet

Partners with an EDICOMNet mailbox will have access to the AS2 server infrastructure, installed in the EDICOM DPC (Data Processing Centre).

Access to this AS2 Server is directly through the EDICOMNet interconnection services.



## DIRECT CONNECTIVITY WITH ALL PUBLIC ADMINISTRATIONS



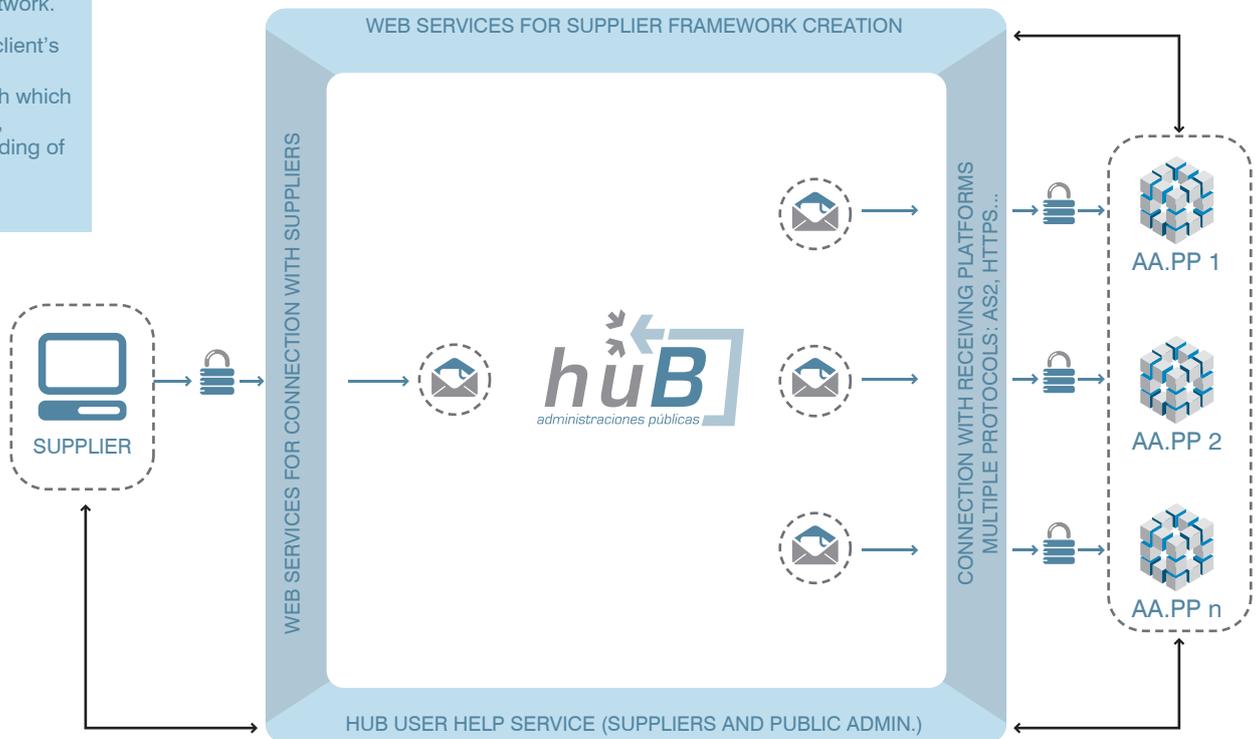
Setting up connections with the Public Administrations poses a challenge to their suppliers and creditors, since they have to adapt their communications to as many protocols as there are administrations that need to be interconnected (generally by means of Web Services).

With EDICOM solutions, the senders do not have to worry about the particularities of these connections, since we implement a specific service with which we “open the door” to the set of public administrations, whether local, regional, state or even European.

Through the EDICOM HUB with the Administrations, the complexity of point to point connections of each administration with their partners is completely eliminated. Senders only have to indicate the receiving administration and our HUB will make sure the messages reach them with the syntax and structure required and via the connection protocols specified by each destination.

The Public Administrations hub has built-in control mechanisms for automatic generation of delivery and receipt acknowledgments when invoices, notifications and other messages are received and processed at their destination.

- Our HUB will let you connect to the European Public Administrations quickly, securely and transparently.
- Edicom interacts with each addressee, opening communication channels from the platform.
- This translates as the configuration of as many protocols as there are administrations to connect with (usually Web Services).
- Connection to the service assigns the client a unique mailbox in our communication network.
- Edicom loads the client's solution with the administrations with which they are to interact, simplifying the sending of any message.





## OFTP COMMUNICATIONS (Odette File Transfer Protocol)

OFTP (Odette File Transfer Protocol) was originally designed for the interchange of data between partners in the European automobile sector.

Nowadays, it is still the most widely used communication protocol in the sector, and most European automobile manufacturers use it to interchange transactions with all their suppliers.

The latest version of the protocol is identified as OFTP2 and provides a greater number of security functionalities for the secure interchanging of data on IP networks.

The OFTP2 protocol is being taken up by the majority of the automobile sector companies, and 2010 is the year that signals the definitive transition to this new protocol.

## edicom - Oftp2

### Features

#### Total availability

Using internet as communication channel, ensuring total service availability in any part of the world.

#### EDI & CAD interchanges

**Edicom-Oftp2**, through EOS (Edicom OFTP Server) enables the interchange of structured EDI transactions and technical documents (CAD/CAM/CAE) quickly and securely.

#### Saving

Quicker transfer time and use of internet allow a drastic reduction in costs compared with OFTP1 and other protocols.

#### Reliability:

**Edicom-Oftp2** can re-establish halted data transmission processes. Transmissions can take place in push and pull mode.

#### Security

**Edicom-Oftp2** adds the security features needed for intensive data interchange via internet.

To this end, it implements:

- Data encryption by asymmetric cryptography.
- Verification of source processes and information integrity by means of electronic signature.



- EDICOM provides clients and users with a specific service for OFTP connections.
- This is through the EOS service (Edicom OFTP server), enabling message interchanges by OFTP versions 1 and 2.
- EOS can be installed "in-house", letting you set up point to point communications among trading partners.
- Access to EOS can be in service mode, through the EDICOMnet VAN interconnection service.



With Edicom-Oftp2 you connect  
**swiftly, cost-effectively and securely**  
with all your automotive partners

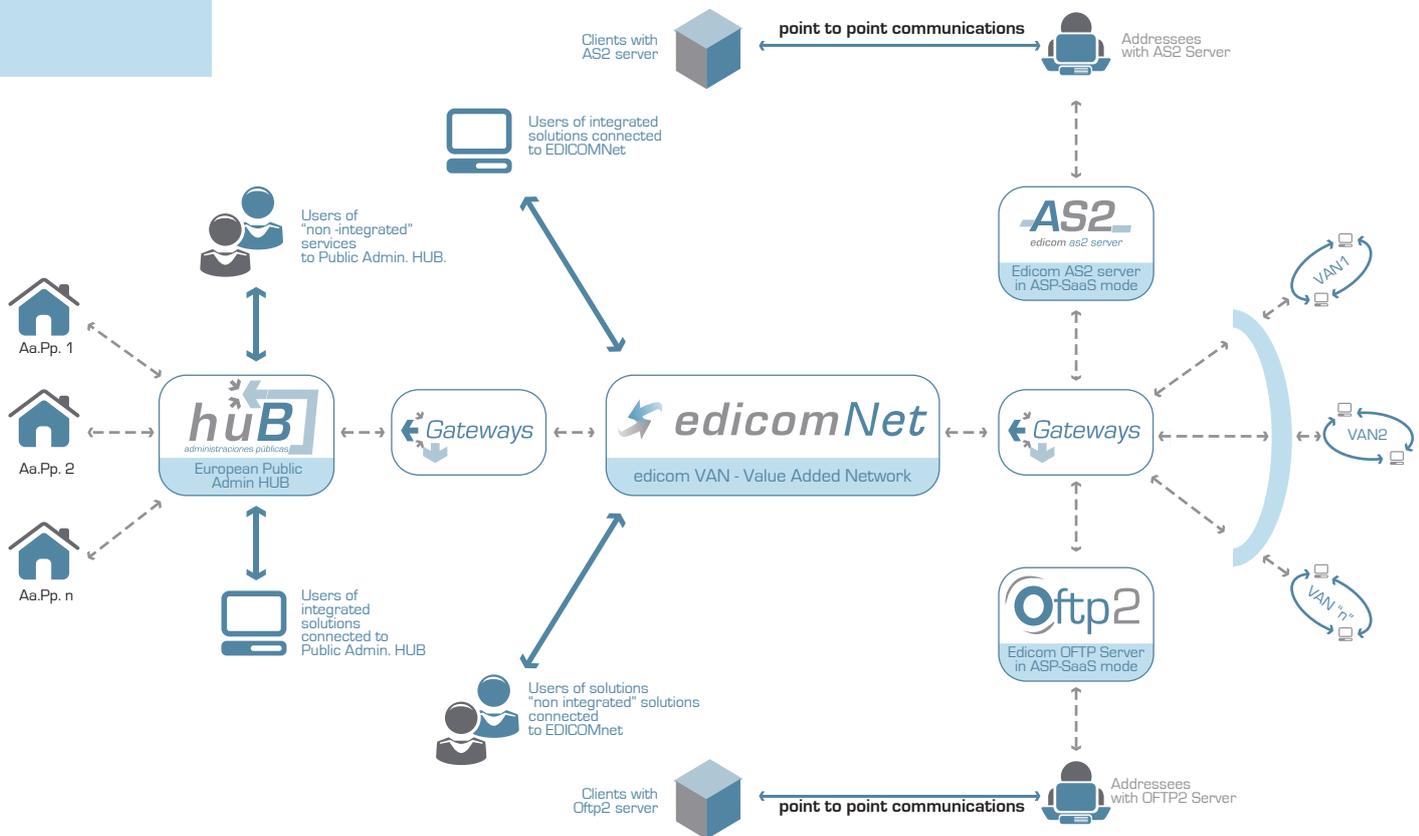
TELL US WHO YOU NEED TO CONNECT WITH.  
WE'LL TAKE CARE OF EVERYTHING.

EDICOM places the most complete communications infrastructure at your disposal to expedite sending and reception of electronic documents and transactions, independently of protocols, addressees, countries and sectors, etc.

And we do so, faithful to our philosophy of total transparency, with criterion of maximum utility for our clients and users. To this end, we deploy the best combination of technological solutions, hardware and services infrastructure, relieving the user of all the technical complexity associated with the configuration and rollout of business to business communications.

You simply tell us which partner you want to connect with.

We take charge of making it possible.



**edicom Net**  
communications infrastructure

**hüB**  
public administrations

**-AS2..**  
edicom as2 server

**Oftp2**



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