

plug-in

INCREASE, INTEGRATE, INNOVATE BUSINESS

23 YEARS OF CONTINUOUS INNOVATION

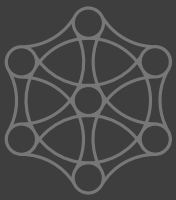
PLUG-IN is a company that carries out consultancy, design and production of software and hardware solutions, technological platforms and systems for the analysis, management, and distribution of business information.

We create applicative solutions and technological infrastructures able to support companies in developing new opportunities, implementing more and more effective processes, optimizing the employment of resources, and reducing the operative risk.

Our DNA includes the passion for research and the aptitude for continuous experimentation, two natural features that have always differentiated us, allowing us to convert - before other ones - the most advanced technologies in a real value for companies.

Together with our customers, we have developed and keep on designing innovative solutions to preserve our leadership and concretize the future. We believe in speed and effectiveness: all our efforts are aimed at reaching the design goals with dedication and responsibility, always favouring elasticity and substance.

Our solutions are inspired by our original “design-oriented” approach, where design means cognitive efficiency, operative ergonomics, maximum integration, reliability, and compliance with the industrial standards as essential ingredients of all our products.



I N C R E A S E , I N T E G R A T E , I N N O V A T E B U S I N E S S





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PLUG-IN IN SHORT



CUSTOM PROJECTS



```
#include "generated.h"
#include "BuggyPawn.generated.h"

UCLASS()
class ABuggyPawn : public AHeeledVehicle
{
    GENERATED_UCLASS_BODY()

    // Begin Actor overrides
    virtual void PostInitializeComponents() override;
    virtual void Tick(float DeltaSeconds) override;
    virtual void ReceiveHit(class AActor* HitActor, class FHitResult* HitResult) override;
    virtual void FellOutOfWorld() override;
    // End Actor overrides

    // Begin Pawn overrides
    virtual void SetupPlayerInputComponent(UInputComponent* InputComp) override;
    virtual void TakeDamage(float Damage, class AActor* Instigator, class FHitResult* HitResult, class AController* Controller) override;
    virtual void TakeDamage_Implementation(float Damage, class AActor* Instigator, class FHitResult* HitResult, class AController* Controller) override;
    // End Pawn overrides
}
```

SOFTWARE DEVELOPMENT



HARDWARE DESIGN



CUSTOM PROJECTS

We realize custom solutions modelled on the customer's needs. Solutions allowing to obtain a real competitive advantage, since they convert your company's knowledge into an exclusive value for the business.

We make available to companies our analysis expertise, our skills and imagination, in order to create together with you software applications and hardware devices able to make the difference and concretize new opportunities.

We dedicate several resources to research and experimentation, investing in projects with a high innovative content, in order to invent solutions suitable to the emerging needs.



CUSTOM SOFTWARE DEVELOPMENT

Tailor-made applicative solutions and information systems



CUSTOM SOFTWARE DEVELOPMENT

Software Development

Easy employment, quick building, simple integration: these are the principles guiding our way to make software.

We make use of industrial methods to produce safe, high-performance, and exceptionally reliable applications: software that run quickly and that can evolve without complications.

The development cycle is conducted according to consolidated methods and best practices:

- Lean Software Development
- Agile Techniques: pair programming, TDD/BDD, retro factoring
- Continuous Integration & Delivery
- Secure Software Development Life Cycle (CSSLP certification)

For more than 20 years, we have been ensuring evolutive continuity to hundreds of customers using our Windows, Linux, Android, and iOS applications to manage their business processes.

Apps & Web Mobile Applications

Our applications are focused on users and on their working methods inside and outside the company, without continuity solution between the desktop and mobile world. We develop web and hybrid applications optimized for mobile devices, enjoyable through a standard browser. We realize applications for Android and Apple iOS platforms.

Blockchain Applications

We believe that the blockchain technology has the capacity of generating a deep positive change in several business fields. Through the blockchain, documents can be notarized, digital information and transactions can be exchanged with customers, partners, and suppliers in a certain and safe way without the intervention of an intermediary certifying their authenticity.

Based on a distributed database, the Blockchain technology allows every company and organization to ensure reliability, immutability, and irrevocability of data with a low cost, certifying the history of all operations connected with the relevant transaction.

The practical applications are countless: protection of digital assets; traceability, compliance, smart contract, ticketing, voting, only to quote some of them. PLUG-IN has developed blockchain solutions for the bank environment, for the compliance with the GDPR and for the origin certification of agricultural and food products. Nowadays, we are working on new projects to integrate this technology in our customers' business processes.

Business Intelligence

With our tailored solutions, the business intelligence exits the “nerve centre”, becoming an analysis device easy to be used and accessible everywhere, at all organizational levels.

The data are automatically acquired from any source, locally or in cloud, and “projected” in real time on dashboards that can be created freely with more than 30 display devices. Seemingly unconnected data convert into precious information to understand the current phenomena and to make reliable forecasts. Our applications incorporate the Microsoft Power BI technology, a solid enterprise engine able to carry out complex analysis in real time on a big quantity of data.

Data & Process Integration

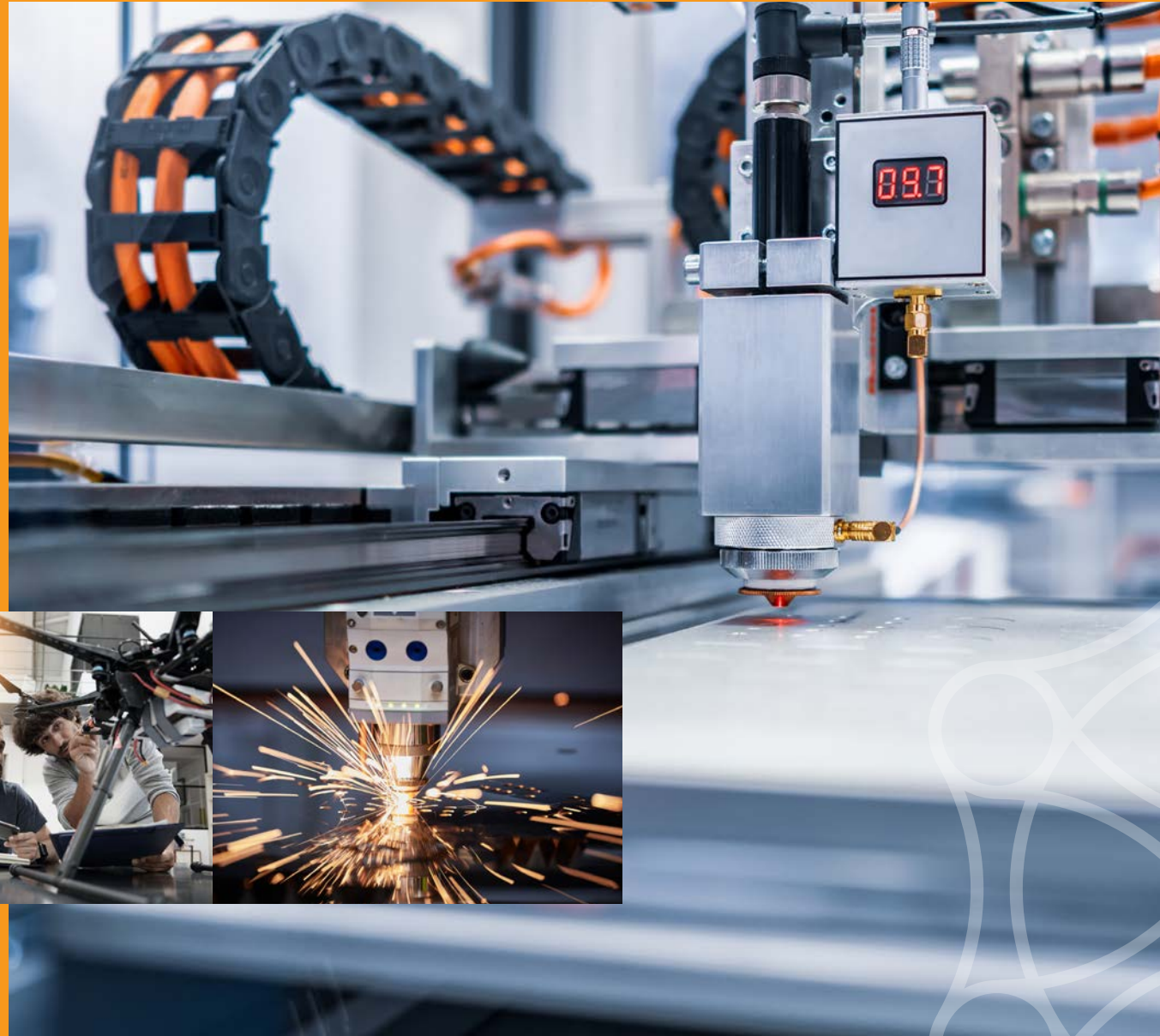
We realize the underlying structure of your digital systems. We connect any application and data source – both inner and external to the company.

We develop ready-to-use connectors to easily integrate your applicative environment with the cloud platforms. We use well-known and independent integration technologies to offer quick and effective solutions based on open standards.



CUSTOM HARDWARE DESIGN

Design, prototyping and production of IoT integrated devices
and equipment





CUSTOM HARDWARE DESIGN

PLUG-IN DESIGN CENTER

We design smart terminals for industrial and civilian applications: devices based on last generation micro-sensors able to detect and transmit remotely environmental, biometric, and operative information. In the retail field, we have developed a new class of smart deposit terminals (SmartSafe) for the points of sale, connected in real time with the bank and the cash-carrying and safekeeping companies.

We have produced and installed more than 3,000 informative terminals to centrally manage the compulsory communication on bank transparency and advertising in high-transit public places.

For GDO, we develop POS and checkout systems equipped with the most advanced technologies for the automatic identification of products.

IoT

Common denominator of our solutions is the employment of innovative technologies to realize devices and interconnected systems employing the Internet to exchange information, receive and provide controls.

It's the Internet of Things, a development area promising to improve our way of living, working, and regulating the objects that surround us. An extraordinary opportunity for companies, that now can control processes and devices in a way that was unthinkable before.

Concepting and design

In our laboratory, technicians and designers convert your ideas and needs into objects simple to be used, beautiful to be seen, and industrially replicable for a bearable cost.

Prototyping and pre-series

We realize prototypes of any material (wood, metal, glass, plastic, etc.) to verify the relevant usability and compliance with the imagined purpose. We make use of the most advanced technologies of quick prototyping (3D print, CNC processing) to accurately reproduce the components and offer to the customer a live simulation similar to the real one.

We provide a limited number of pre-series units to verify all functionalities on site, to analyse performances and evaluate corrections and improvements.

Production, installation, and maintenance

We provide devices and take care of the service on the whole national territory and in the main European countries.

Quantity is not a problem; we are structured with a network model allowing us to face turnkey orders, both of little series and of thousands of pieces.



CUSTOM HARDWARE DESIGN

Interactive kiosks

We realize informative kiosks for any application, that can be equipped with an endless variety of devices.

Banks, public bodies, points of sale, hotels and companies use our terminals to preside the key points and improve the customer experience.

In collaboration with HP, we realized the first interactive kiosk equipped with Sprout: an innovative working station allowing to interact with virtual objects, acquire images, recognize people, and writing.

Arko is our new series of ergonomic informative kiosks with a curved design, customizable with an infinite number of colours and materials. The construction system is based on interchangeable components produced with robotized technologies.

Self-ordering & Self-checkout

On order, we produce self-ordering systems to eliminate the queues at the cash and make self-service orders and payments. Our terminals, that can be fitted with several configurations, can host big touchscreen monitors, fidelity card readers, printers, POS, puck dispensers, webcams, proximity sensors, and biometric recognition sensors.

We cooperate with famous brands of the GDO to realize innovative self-checkout able to carry out a simultaneous reading, "one shot", of all products in the basket.



Queue Management System

CINDY is our queue-elimination system based on open standards and open-source technologies. Working stations, displays and ticket dispensers communicate in wireless mode through a web-based application. If compared with similar dedicated systems, CINDY distinguishes itself for ergonomics, employment simplicity, and installation speed.

Cashless ATM

We realized a Cashless ATM system integrating all typical functions of a cash dispenser, except for the availability of cash. In case of withdrawal, the terminal provides a ticket that allows the automatic withdrawal of money from a central cash placed in the neighbourhood. This solution allows to multiply the availability of ATM in a commercial structure or hotel without increasing the costs for the protection, safekeeping, and transport of money.

Smart safe

MoneyDep is our line of smart safes designed to make the management of cash safer and more effective. With MoneyDep, shopkeepers and cashiers can count on the functions of a bank counter inside their shop.

Each safe is connected with the bank and security guards. The notes and coins introduced are validated, counted, and virtually deposited in a bank with immediate crediting on the current account. Theft or forcing attempts are thwarted by an integrated spotting system.



**DIGITAL
TRANSFORMATION**



**CONTENT SERVICES
PLATFORM & APPLICATIONS**



**COMPLIANCE
MANAGEMENT**



**VISITOR
MANAGEMENT**



**PROPERTY
MANAGEMENT**

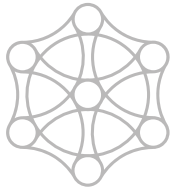


DIGITAL TRANSFORMATION

The term “digital transformation” identifies a wave of changes of technological, cultural, and organizational nature, that will turn upside down the way of making business. A lot of people think we are facing a breaking phenomenon imposing a deep reconsideration of businesses, of their way of operating and taking value to the market.

In our opinion - and in the one of our customers - it's not a devastating event but a transformation started some time ago, to be quickly extended to any internal and external aspect of businesses. In our acceptance, Digital Transformation means simplicity, efficiency, and end-to-end integration of the business processes in order to offer customers a totally gratifying experience in any point of contact, without distinguishing place or time. Our role is providing companies with the qualifying services and technologies to innovate and fully recognize the advantages of digitalization, controlling consciously the relevant risks, that exist and cannot be undervalued.

Our experience in cybersecurity and compliance management offer you a safe umbrella to minimize the risks and protect the economic and reputational value of your company.



rapido•**ecs**

Enterprise Content Services Platform:
create freely your working flow, connecting contents, people, and
processes





Rapido•ecs

Content Services: the new generation of ECM systems

According to the most authoritative analysts, in the next 10 years the digital contents will be 50 times more than the current ones and 90% of them will be constituted by non-structured information. To face this explosion of more and more varied information, coming from different devices and sources, companies should have at their disposal an ECM platform able to federate information silos and different applications with an innovative approach that places at the centre of the system not only the content, but also its connections with people and processes. RAPIDO-ECS is the modular platform by PLUG-IN that facilitates the work and collaboration of users, joining processes to contextualized contents. In this perspective, the contents become active components that self-assemble around a specific process and accelerate its completion.

Workflow Design & Performance Monitoring

With RAPIDO-ECS, inner processes of communication and collaboration can be designed and implemented very easily. Each department can structure and quickly modify the activity flows, specifying the users that should carry them out and the managers that should approve them. Virtual tools easy to be used allow to quickly construct and test the working flow model. Once the most suitable solution has been defined, the system generates autonomously all connections and operative sequences that will allow the automatic progress of the contents/documents inside the company. The control console allows to monitor the status of the active processes and the efficiency of every operational flow, revealing the possible presence of obstacles and bottlenecks.

Content & Document Management

RAPIDO-ECS allows to acquire and manage all business contents, including the ones residing in e-mails, Intranet pages, web sites and in the documents produced by the users, inclusive of drawings, images, audio and video files.

The system incorporates the most advanced technologies for the acquisition, recognition, and automatic indexation of paper and electronic documents. The archives can be freely structured, according to the wished logic and hierarchy. Powerful versioning and research functions facilitate the immediate availability of updated information. The contents can be shared and distributed in massive, multichannel, and multiformat mode.

Content Lifecycle Management

RAPIDO-ECS ensures the complete control of the life cycle of business contents, in compliance with the company instructions and regulations in force. A set of functions allows to automatically manage the long term storing and the controlled destruction of data.

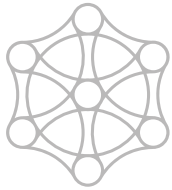
RAPIDO Content Services Applications

The Content Services Applications by PLUG-IN can be connected to the platform. These applications are an always widening library of specialized applications that extend their functionalities:

- RAPIDO-SIGN, Advanced Electronic Signature
- RAPIDO-INVOICE, Electronic Invoicing
- RAPIDO-GDPR, Compliance with the GDPR
- RAPIDO-AML, Compliance with the Anti-Money Laundering provisions
- RAPIDO-BLOCKCHAIN, Notarisation of documents and processes
- RAPIDO-XPENSE, Management of expense account

In cloud or on premises

RAPIDO-ECS is a native cloud platform designed with SaaS logic in order to offer to companies enterprise-class performances and a high scalability without requiring initial investments and local implementations. With this supply mode, the company has an always updated platform, managed directly by PLUG-IN, that doesn't affect the inner systems. Otherwise, the platform can be acquired on-premises and easily integrated in the existing IT environment.



RAPIDO ECS APPLICATIONS

The Content Services Applications by PLUG-IN are web-based applications extending the functions of RAPIDO-ECS, our ECM platform for the digital management of business contents.

These modules perfectly integrate with the powerful native functions of the platform but can be employed even as independent solutions to answer specific company needs.



rapido·invoice

Electronic invoicing

RAPIDO-INVOICE is the service for electronic invoicing by PLUG-IN. The functions can be enjoyed as an integral part of RAPIDO-ECS platform or as stand-alone, as dedicated service to meet the compulsory electronic invoicing requirements.



rapido·sign

Electronic signature

RAPIDO-SIGN is the application for the management of electronic signatures of digital documents. These technologies ensure the signer's identity and the integrity of the signed document, eliminating the need of paper as the only exceptionable medium before the court.

With RAPIDO-SIGN, orders, contracts, and paper works of any type can be processed in a completely digital format, with great advantages in terms of efficiency and errors reduction.

The application supports all types of signature: Digital Signature, Remote Digital Signature, Graphometric Signature.

The authentication can happen through the employment of a dedicated device (smartcard reader, USB flash drive) or without it, by entering a PIN or the OTP received by SMS, e-mail or generated automatically by an application to be installed on the smartphone.

In case of graphometric signature, the system validates the signature made manually on the screen of a tablet, comparing the biometric data collected (movement, speed, pressure) with the ones previously registered on the database.

Once the signature workflow is over, RAPIDO-SIGN allows to correctly store, preserve, and distribute the documents to the authorized users.



rapido·blockchain

Blockchain Authentication

Blockchain is a technology to create unique digital assets, accepted and recognized as authentic by the parties. One of the first applications is cryptocurrency, digital currencies generated and exchanged without the intermediation of a control body.

Blockchain is based on a distributed database, constituted by blocks of linked data subject to the validation of the nodes constituting the network. This architecture ensures the historicization and immutability of the registered information. RAPIDO-BLOCKCHAIN uses the same technology to manage exchanges of information, contracts, and digital transactions of any kind among the different business players, ensuring their authenticity, univocity, integrity, and immutability. With RAPIDO-BLOCKCHAIN there are new and endless opportunities to quicken the processes, reduce the costs and improve the security.



rapido·aml

Anti Money Laundering Compliance Management

RAPIDO-AML allows to manage in a guided and assisted mode the Customer Due Diligence dossier, essential tool to meet the obligations provided by the anti-money laundering regulation. The system joins, tracks and stores all information and documents acquired with time on the customer (ID documents, certificates, balance sheets, chamber of commerce certificates, information obtained from the web, etc.), notifies automatically the expiration dates and allows to connect the registered data and information in order to let emerge schemes and behaviours with features that entail the obligation of notifying suspicious operations.



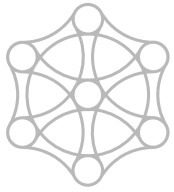
rapido·gdpr

Data Protection Governance

The provisions introduced by the GDPR significantly affect the company organization, from the legal to the administrative department, to the technical office to marketing, from Human Resources to Sales department.

The control of personal data has to entail the correct management of documents mapping the processing operations, describing it to the Data Subjects and obtaining their consent. RAPIDO-GDPR allows to manage in a structured way all documents of the data protection management system: it organizes the documents, facilitates their classification, historicization and regulates the access according to roles, with the due confidentiality.

The application significantly facilitates the formal fulfilments required by the regulation, lightening the engagement for all players involved in the process.



intactor

Business compliance solutions for the protection of assets,
image and management of the company





intactor

INTACTOR simplifies all procedures and controls needed to comply with the regulations in force. With INTACTOR, the operative duties are managed through a web application easy to be used, allowing to carry out the compliance actions with precision and efficiency.

The company Management can keep under control in real time the validity and status of all fulfilments simply by having a look at the summary dashboard.

Operational field

INTACTOR reduces the legal risk and solves the problem of the compliance with the provisions, but it is useful also to know deeply the company assets and protect them in the right way depending on their importance. INTACTOR helps to manage the compliance actions concerning:

- Data protection - GDPR
- Administrative/Criminal liability of bodies – Legislative Decree 231/2001
- Economic Property Impact – Basel 2
- Information Risk - ISO 27001
- Corporate Secretariat – Legislative Decree 81/2008

Risk Analysis Engine

INTACTOR ensures the functions provided by the most advanced analysis methods based on the systematic evaluation of the following phenomena:

- The real probability that a threat takes shape
- The company vulnerability level as to the threat
- The possible damage deriving from a potential security accident

The system collects all useful information to analyse and manage the risks. These data allow to detect and evaluate the main sources of risk - people, systems, processes, external factors - to prepare the suitable controls and prevention measures.

Crime Risk Analysis Engine

It allows to define the company policies and effective protocols on crimes prevention. The impacts are evaluated based on the possible sanctions provided by the regulation and the consequences on the company business. The system allows to let emerge: the map of company areas at risk, the map of the activities at risk of crime (implementation methods of the crime), the level of risk of the different crimes, the action plan (activity to be carried out to reduce the risks to the level considered acceptable). Everything is carried out according to the suggestions of the category associations and in compliance with the reference standards.



The digital management of visitors and meeting rooms





A more effective and welcoming reception

KOKOUS is the solution for the digital management of reception and registration of visitors in the company's seat or in external locations such as exhibitions and events.

KOKOUS definitively solves the operational problems connected with the management of reception, with the control of the guests' stay and the shared employment of the spaces available for meetings.

The visitor can make everything alone, completely autonomously. KOKOUS eliminates the waiting time at the reception desk. The visitor registers and generates the relevant badge in a simple, quick and autonomous way. KOKOUS stores the visitors' access and stay, allowing to comply with the legal obligations on security.

KOKOUS:

- Improves the management of limited resources, such as meeting rooms, halls, and parking spaces
- Reduces the management costs and doesn't employ staff
- Eliminates the keeping of paper registers

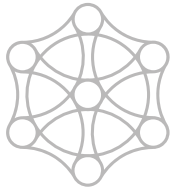
In companies, exhibitions, schools, and accommodation facilities

KOKOUS is the ideal solution to manage quickly and efficiently the reception, registration and stay of visitors. In exhibitions, it allows to obtain precious contacts that otherwise would be lost due to the overcrowding that usually is generated at the reception desk.

In schools and accommodation facilities it can be used to trace the accesses and stays.

A customized welcome point

The KOKOUS terminal is available both in the bench and in the ground version. The structure is customizable as to colours and design in order to integrate with any environment and adapt to the image of the company. When it's not used, the screen can display the company logo, marketing messages, and institutional contents.



ads·point

Digital Signage solution for the automatic distribution and updating of information and advertisement contents





ads·point

A powerful platform for the management of the publishing flow, the planning of programme schedules, and the distribution of contents

ADS-POINT is an advanced solution to spread information, services, and advertising messages on the territory in selective mode.

The system is based on a software platform allowing to centrally pilot and monitor a series of devices in commercial centres, public areas, means of transport and environments characterized by a large attendance or by the presence of a clearly identified target.

Management of the publishing flow and automatic distribution of contents

ADS-POINT integrates powerful applicative functions for the management of the publishing flow (creation, review, approval, publication of contents) and the planning of differentiated programme schedules depending on the distribution network. Kiosks, displays and maxi-screens are connected to the Internet through VPN (Virtual Private Network) to receive the updating. The content refresh can happen in real time or according to fixed times and dates, based on the defined programme schedule. The contents can be differentiated for groups of terminals or single devices.

Interactive terminals

The status of each terminal is monitored centrally in real time: control, self-diagnosis, and alert functions signal possible anomalies or malfunctioning. In case of failure, the system sends an e-mail for the automatic request of intervention. In case the anomaly is determined by a temporary drop of the network, the terminal keeps on operating using the information replicated in the local memory. The choices carried out by the user are transmitted to the seat in the shape of statistic data of the consulted pages.

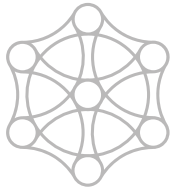
The information collected allow to analyse the customers' behaviour and to better understand their needs.

Customized Design

The system can be adapted to any need. The network is freely configurable: interface, programme schedule, and publishing flow are completely customizable as to graphics and contents.

The kiosk can be painted in the company's colour, decorated with the relevant logo and with distinguishing graphic elements.

Shape and technological equipment can be produced depending on specific requests by the customer, even for limited series.



gest·imm

Information system for banks, bodies, and companies that need to monitor and manage with efficiency their building stock, constituted by property buildings or rented structures





GEST-IMM allows to collect, organize, and consult precious information for the management of building assets, keeping under control interventions, fulfilments, and expiration dates.

GEST-IMM is a web-based solution customizable depending on the customer's specific needs; it integrates natively with RAPIDO-ECS and offers several connectors towards other applications (ERP, documental solutions, etc.)

MAIN FUNCTIONS:

Map

It displays the geographic position and address of all registered buildings.

Building card

For each building, the structure features can be defined:

- Type of building (floors, lifts/elevators)
- Main installations (air conditioning, heating, connectivity)
- Alarm systems and anti-theft protection systems
- Video-surveillance and access control systems
- Fire prevention systems
- Safekeeping means

Cadastral reports

It allows to examine and update the cadastral data.

Contracts and suppliers

For each building, the list of suppliers and the details of the contracts in force can be displayed and modified.

Maintenance

It manages the calendar of ordinary maintenance operations and registers the extraordinary interventions.

Administration

It offers the accountable elements (costs, charges, rents, etc.) to evaluate the profitability of each building.

ABI-Prefecture memorandum of understanding

It allows to verify the compliance with the security and protection parameters required to the buildings destined to host credit institutes, bank branches, etc.

ADVANTAGES:

- Simple and effective continuous monitoring
- Automation of repetitive activities
- Reduction of non-compliance risks
- Certainty that information and documents are available
- Better sharing of information
- Reduction of the management costs



VERTICAL MARKETS



FASHION



RETAIL



BANKING



**MULTIMODAL
TRANSPORT OPERATIONS**

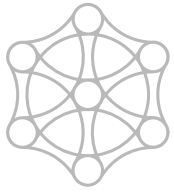


MONEY HANDLING



VERTICAL MARKETS

For more than 20 years we have been developing applications and software connectors to support the most varied business processes. In some market sectors we have accumulated a big asset of knowledge that today we make available through a series of customizable application suites. With these solutions, companies can extend the functional covering of their information systems to vertical processes, specific of their business, typically not very integrated.



Fashion·RP

Suite of professional applications used by the world of fashion to manage the activities of creation, development, and sale of the product



Fashion·Rp



FASHION-PDM

Product Development Management

It manages all stages needed to create and develop a new product, from the design brief, to the realization of the collection of samples and the issuing of the price list.

The system facilitates the activity of designers and stylists who can collaborate even from remote seats to the definition of all elements characterizing the product.

The solution allows also to manage the standard costs and derive the price lists with the prices to be applied to products. The suppliers involved in the realization of a product, moreover, can provide a detail of the production costs.

FASHION-PLG

Price list generation

Tool supporting the Finance Area in the delicate task of generating price lists. The main function is establishing the price ranges for the macro-categories of products, starting from the initial cost, adding the customs duties and the provided mark-ups.

It also allows to manage users, import data for the creation of price lists, generate the reports, historicize the past seasons, and manage the publication of price lists.

FASHION-IN-STORE

In-store management of goods, customers, and sale

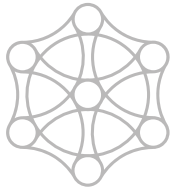
Using an iPad and the dedicated App, the shop assistant can search the products required, verify their availability in the warehouses or other shops, identify the variants and the matchable products to be suggested to the customer. During the sale stage, the system allows to identify the customers, to know their preferences, and assist them in the purchase, sending to the cash the list of chosen items for the conclusion of the transaction.

Mapping of the store and of the displayed goods

Web-based application for the administration and control of sale surfaces. It allows to map the structure of the shop (floors/areas/shelves) and to take a census - through a bar-code reader or a RFID connected with an iPad - of the position and nature of the displayed goods. The detected data are transmitted to the server for the processing of merchandising statistics.

Management of dressmaker's and garments alteration flows

Web-based application for the management of the customers' requests, the monitoring of processing times and costs and the performance control. It allows to plan the activity of each dressmaker and verify his/her productivity to highlight possible organizational problems.



mto·web

Solution for the management of integrated
multimodal logistic





mto·web

The multimodal transport of goods is a particular type of transport, carried out with the aid of a combination of different means of transport, such as ships, trains, vehicles. It's a method of transport useful to let goods cover large and very large distances, such as in the commercial exchanges among different countries or continents.

An integrated application accessible from all around the world

MTO-WEB is a web-based informative system designed for companies that carry out multimodal logistic at national and international level, who need to rationalize the daily flows of goods and vehicles optimizing loads and transports. The system allows to manage with a single application all typical stages connected with the transport: the transport by road from the place of loading to the terminal, the long-distance transport (by road, railways, ship or plane) and the road transport from the terminal to the unloading place. With MTO-WEB, the company makes available to its customers and correspondents seated all around the world an operative device accessible always and everywhere.

Journeys planning

MTO-WEB allows to optimize the route of any vehicle, displaying on a map the activities of loading and uploading planned in that period. The application allows to plan the deliveries and pickups carried out every day, matching the nearest ones, in order to minimize the journeys.

Loading management

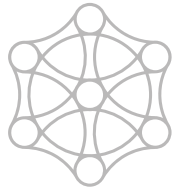
The transport orders received by the customer can be introduced and managed (divided into Import and Export), marked as loaded or arrived to the terminal, assigned to a train or distinguished as charter.

Train management

It allows to create a train based on the sections available, composing the vans, cases, and needed equipment. When a train is created, the remote correspondent can start planning the deliveries of the goods destined to it. A report can be created for the terminal crane operator, as well as the CIM (waybill) for the Railways.

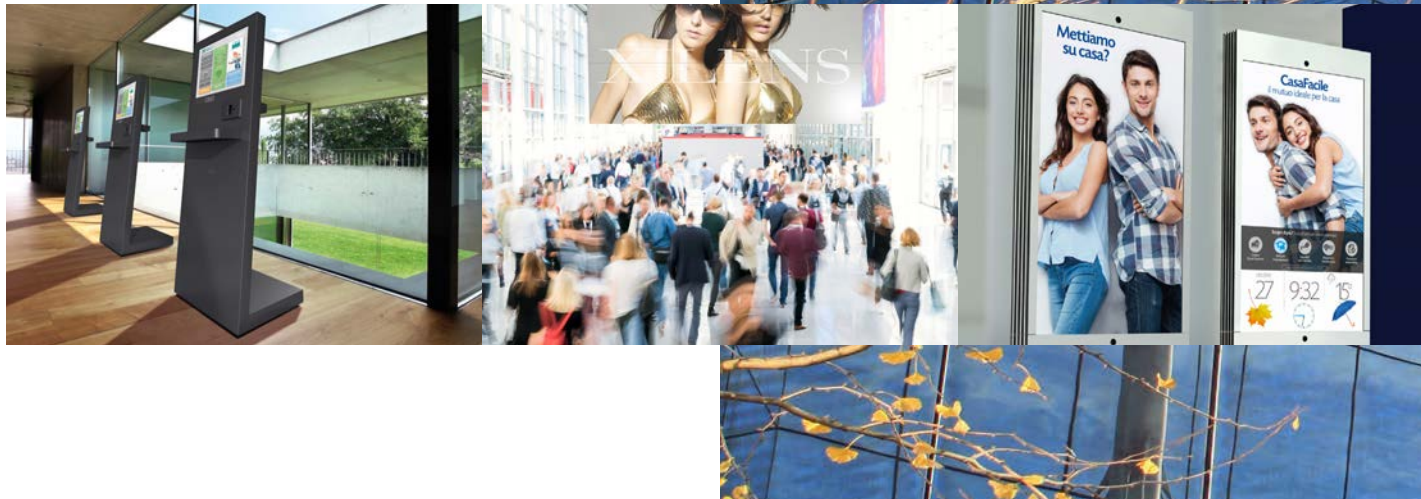
Document management

The application allows to print the dockets, such as CMR and the assignments to tractor's drivers and sub-carriers. It displays the orders that can be invoiced based on the commercial agreements made with customers. The application can be integrated with the workflow engine for the management of customs flows.



traspoint

Digital solution for the management of compulsory communication on bank transparency



traspoint

TRASPOINT allows to manage with simplicity and efficiency the communication of compulsory information on bank transparency. The solution is based on a series of local terminals (kiosks) made available to the public in agencies and connected to the network with a central server for the upload and distribution of informative contents.

Information, compulsory communications, and marketing messages are uploaded only once in the main server that distributes them simultaneously to all the information kiosks connected. Interacting with the touchscreen of the kiosk placed in the branch customers can easily search and examine the information they are interested in.

With TRASPOINT, the bank improves the customer's experience in the branch, reduces the management costs and is sure to always comply with the regulations.

Traspoint for Marketing

TRASPOINT is also a powerful tool to transmit marketing information: the system can play film clips, RSS, images, animation, textual banners, web pages, etc. according to a programme schedule manageable dynamically and differentiated according to the terminal or groups of terminals.

Proactive monitoring of terminals

Control, self-diagnosis, and alert functions notify possible anomalies or malfunctioning on each terminal.

Feedback

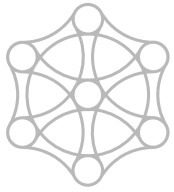
The choices made by the user are transmitted to the seat in the form of statistical data of the consulted pages. The information collected allow to analyse the customers' behaviour to better understand their needs and preferences.

Complete customization

TRASPOINT is designed to integrate with elegance and discretion in any environment. The wide customization possibilities allow to align aspect and design of the information kiosk to the image of the bank. The surfing interface is completely customizable.

Optional functions

Kiosks can be equipped with several optional devices, inclusive of strong authentication devices to provide a safe access to the home banking.



MoneyFlow

Innovative solution for the rational and safe management of cash
in the points of sale



MoneyFlow

Best efficiency of money

MONEYFLOW is the ideal solution for all realities that have to manage a significant flow of cash: supermarkets, chemist's, tobacconist's, service stations, amusement arcades, outlets, services and shops in general. The system is based on a new generation of smart deposit terminals (MONEYDEP), connected in real time with the bank and supervisory institute.

Placed directly in the commercial activities, the MONEYDEP terminals allow to virtually deposit cash in the bank without leaving the business. The terminal is constituted by a smart safe that automatically counts the money and communicates in real time to the monitoring station and to the bank the amount of the deposits.

In this way, the tradespeople can count on a bank "in house" open 24/7.

Simplification and automation

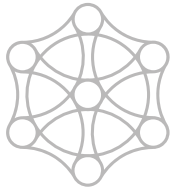
The terminal identifies the cashier, automatically counts and verifies the money and deposits it virtually in the bank without the need of a deposit slip. The deposited cash generates the automatic credit on the current account. The customer gains value, with the consequent financial advantages, while the bank accelerates the collection cycle and obtains an updated and real control of the cash available.

Reduction of operative risks

Once the cash has been deposited in the terminal, it's virtually in the bank and the risk is managed by the credit institute.

Deterrent against thefts and robberies

The status of the terminal is always monitored by the operative centre. In case of displacement or forcing of the unit, a special high-pressure inner device colours all notes in an indelible way, so that they cannot be spent and can be replaced only with bank procedures ascertaining their legal provenance. The safe can be opened only by security guards. The withdrawal by the security guards is planned based on the targets reached and automatically communicated by each terminal.



MONEY HANDLING

Innovative systems and solutions for the optimization of money handling processes



MONEY HANDLING

In Italy, cash is still the preferred method of payment in the retail sector. The reasons are various, among them the wrong perception that the cost of the transaction is null if compared to the one carried out with electronic payment tools.

In reality, the costs for the management of cash are significant (loss of interests, counting, reconciliation and deposit costs; risk of theft and loss) and most of them are borne by families and companies. In PLUG-IN, we are convinced that the efficiency of money can be improved by joining the retailer's interests with the ones of the credit institutes and consumers.

That's why we have decided to integrate our applicative experiences with the best technologies available on the market, making agreements with International partners such as Giesecke & Devrient, Procoin, Banking Automation, founding a division dedicated exclusively to the money handling:

PLUG-IN MONEY HANDLING DIVISION



CASH MANAGEMENT

MoneyFlow

Integrated platform for the management of cash and the remote monitoring of deposit, withdrawal and counting operations.

CASH DEPOSIT

MoneyDep

Smart deposit terminals with anti-theft spotting system.

CASH COUNTING

G&D Giesecke & Devrient

Notes-counting selecting machines.

Procoin

Coins-counting selecting machines.

AUTOMATED SELF-SERVICE CASH SOLUTION

Banking Automation

Cash dispensers for the deposit and exchange of money.

Consult online the complete catalogue of products:

<http://trattamentodenaro.plugin.it>




PROCESS OUTSOURCING



**DOCUMENT PROCESSING
SERVICES**



**FATTURAZIONE
ELETTRONICA**



DIGITAL SIGNAGE



**PRINTER
FLEET MANAGEMENT**



PROCESS OUTSOURCING

In many cases, it can be expedient to outsource a part of the business processes, entrusting them to a specialized partner, able to ensure an high-level operative, applicative, and infrastructure support at a lower cost than the inner management.

Thanks to the employment of industrial methods, the partner can exploit the technological and organizational resources needed, achieving the economies of scale that are difficult to be obtained by a single company.

In PLUG-IN, we defined a transparent collaboration model based on tracked processes and performance indicators which are measurable and shared. Through special customized dashboards, the customer keeps the control of each event occurred during the whole outsourced process.



ELECTRONIC INVOICING

Service for the management of the compulsory electronic
invoicing process



ELECTRONIC INVOICING

RAPIDO-INVOICE is a service that automatizes the generation, transmission, monitoring, and management of the electronic invoicing process between private persons, ensuring the compliance with the regulations, a high control of the whole process and a high customization degree.

With RAPIDO-INVOICE, companies and professionals can keep on operating substantially as they did before, obtaining the advantages of the paperless invoicing and delegating to PLUG-IN, as credited mediator, the formal and technological aspect to comply with the new regulatory provisions.

How it works

1. Conversion of the invoice generated by the company management software

RAPIDO-INVOICE accepts any layout generated by the ERP systems and converts it into the XML PA format required by the Interchange System.

2. Issue and upload on the Interchange System

The electronic invoices issued are electronically signed and automatically uploaded on the Interchange System of the Revenue Agency and possible enclosures can be attached to the invoice.

3. Receipt and approval of the suppliers' invoices

The suppliers' invoices received by the Interchange System undergo the approval process for their accounting registration by the company's management software.

4. Monitoring and management of results

RAPIDO-INVOICE monitors the whole process, automatically managing the results sent and received by the Interchange System. As provided by the law, the system allows also to accept or refuse the received invoices.

5. Required preservation

RAPIDO-INVOICE includes a service of preservation and exhibition as required by the law both of electronic invoices and of the relevant enclosures.

6. Research and consultation

The electronic invoices issued and received can be displayed easily in PDF format or in other customized formats required by the customer. RAPIDO-INVOICE allows to introduce additional information (date of receipt, registration number, etc.) to favour the correlation of the document in documental or management systems.

Advantages

- Quick and problem-less start-up of the service
- Total integration with the existing procedures and formats
- Electronic signature and automatic uploading on the Interchange System
- Total monitoring of the invoicing process
- Reduction of tax preservation costs
- Immediate research and consultation
- Full compliance with the regulations in force



DOCUMENT PROCESSING SERVICES

Operative, applicative, and infrastructural services for the management of the life cycle of the document





DOCUMENT PROCESSING SERVICES

Imaging & Data Capture

We acquire digital flows and paper documents by any source (post, e-mail, fax, printing spools, files, applications, etc.) and we convert them into digital documents and business information.

Data and contents are indexed using the most advanced automatic recognition technologies and made usable from any working station.

- Normalization of paper documents
- Scan and quality control, acquisition of data flows/spools
- OCR-ICR-HCR-OMR and barcode automatic indexing
- Classification and storing

Backoffice & Validation

We accelerate the documental processes, ensuring compliance, quality, and confidentiality. Contracts, policies, requests, and claims require precision and precedence. Reducing the time for the approval of a dossier means cashing in advance; satisfying a request quickly means offering a better experience to the customer; promptly answering to a claim protects the image and interests of the company. PLUG-IN takes charge of all documental processes of the customer, implementing all necessary resources and technologies.

- Cross-check of data
- Validation and management of anomalies
- Tracking & Performance Monitoring

Hosting & Storage

We make available one of the most advanced documental platforms of the market, ready to be used and customizable. With RAPIDO-ECS, our platform scalable on demand, working stations can be added and removed when and where they are needed, with a variable fee proportionate to the employment.

There's no need of installation, hardware investments and software licences, a web browser is enough to use immediately and customize our cloud platform.

The documents are stored on our safe and highly performant datacentres,

equipped with all requirements to ensure the highest standards as to availability and exercise continuity.

- Hosting of the documental platform
- Storage & Backup
- Security, Availability, & Continuity Management

Digital Mailroom

We manage the documental flows coming in and out, so that your information starts and arrives before. We collect, process and sort out the arriving documents -regardless of the channel they come from - we convert and upload them on your documental system, then we route them so that they immediately reach the right addressees. We manage your shipments with multichannel massive tools, allowing you to send great quantities of documents, automatically composed and customized, together with messages to each customer.

- Receipt, registration, digitalization, and sorting
- Document composition
- Multichannel massive distribution

Document Warehouse

We preserve our paper documents in protected and automated warehouses. Sometimes, paper cannot be avoided: in case of document that have to be stored in original and for a long time.

Keep them inside the company is onerous in terms of space and risky in terms of security. In our warehouses, any document has a certain identity and allocation. In case of need, the document is withdrawn, scanned, or delivered in original to the user who required it. The withdrawal is managed only by authorized staff and the route of the document is completely tracked up to its return.

- Control and classification
- Dynamic or deposit storing
- Extraction and scanning on demand / management of withdrawals and deliveries
- Ordinary and certified distribution



PRINTER FLEET MANAGEMENT

Global outsourcing of the print service





PRINTER FLEET MANAGEMENT

Plug-in Printer Fleet Management is an outsourcing service ensuring a rational and optimized management of the company's printing services. For a fixed fee or a cost for each copy, customers can count on a printing environment, which is designed, implemented, and managed based on their specific needs.

The fee includes everything: hardware rent, management, service, repair, replacement, and consumable are completely covered by the service.

This solution is particularly advantageous in complex environments, because, more than free the company from the heavy burden bound with the management and maintenance of a great number of different devices, it allows to standardize the machine stock and optimize their employment.

The centralized control of all printers connected to the network eliminates the vulnerabilities and inefficiencies connected with the employment inside the company of very heterogeneous devices, that are not updated and sometimes not even registered. Monitoring and reporting tools allow to keep the consumptions under control and to debit the costs to the relevant company departments.

Advantages

- Costs and consumptions reduction
- Compliance and security
- No management burdens
- No yielders or amortization to be managed
- Technological renewal



DIGITAL SIGNAGE

Implementation and management of proximity promotional and information points networks





DIGITAL SIGNAGE

We realize multinetwork systems of information and promotional points distributed on the territory and centrally controlled through the web.

Network planning and implementation

We ensure the skills, services, and applications to implement and manage the whole technological infrastructure distributed. We provide interactive terminals designed on purpose according to functional and aesthetical requirements required by the customer to create points of attraction easily distinguishable and strongly characterized.

Installation, management, and maintenance

We install kiosks and displays that can be managed centrally and simultaneously from a single console. We ensure the efficiency of all terminals monitoring in real time the status of the devices and their effective updating, crucial aspect in the field and occasions where the

information messages or advertisements are particularly important. In case of failure, we intervene promptly onsite on the whole Italian territory.

Targeted and planned contents distribution

We manage video communication solutions for all realities that need to reach the public in selected areas and contexts with targeted messages and always updated contents. We manage centrally the distribution of contents based on the programme schedules planned with the customer. Interface, programme schedule, and publishing flow are wholly customizable.

**DIGITAL
INFRASTRUCTURE**

**IT SYSTEMS
ENGINEERING**

**IT SYSTEMS
MANAGEMENT**

CYBERSECURITY

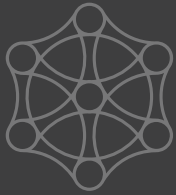


DIGITAL INFRASTRUCTURE

Digital infrastructures are changing the way in which we live, consume and work. Calculation power, filing capacity, reliability, and interconnection speed made available the creation of new services and the establishment of innovative business models. New consolidation and virtualisation technologies allowed to simplify and rationalize the companies' IT environment, making it more efficient, safer, and cheaper.

Today, the challenge for CIO is reconsidering the digital infrastructure, going beyond the traditional paradigms in favour of a more “fluid”, hybrid, scalable, and on demand platform, able to offer the maximum flexibility and even more reduced management costs, ensuring at the same time high levels of security and a total compliance with the GDPR.

Our business strategic unit - Digital Infrastructure - is ready to assist you with a wide and qualified offer of expertise and services.



IT SYSTEMS ENGINEERING

Last generation digital infrastructures to free resources, ensure the maximum efficiency and obtain the maximum value for the business





IT SYSTEMS ENGINEERING

Data Center

We plan advanced IT infrastructures able to adapt and reconfigure depending on continuous changes of the business and of the processes supporting it.

We implement scalable systems offering the possibility of quickly and safely testing and enabling innovative, non-conventional solutions even in mission critical fields.

We convert the IT infrastructure into a reactive body, easy to be expanded and manageable with a reduced cost, constituted by server, storage, and applications at exceptional levels of standardization, consolidation, virtualization, and automation.

Networking

We realize wired/wireless integrated networks to ensure a safe and controlled access to the company data at any moment and from everywhere. We are specialists in the development of high-performance wireless networks covering local delimited settlements or extended territories.

Municipalities, hotels, and villages use our hotspot solutions to provide services, ensure a connection to the Internet and keep a continuous communication with guests and customers. Banks and service companies use our interconnected and centrally controlled active terminals.

We ensure connectivity even in critical environmental conditions due to the nature of buildings or to the presence of special devices. We realize quick point-to-point interconnections, even provisional, to face emergencies or temporary needs.

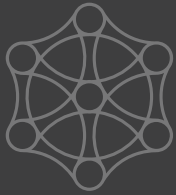
Cloud/IAAS

We provide on-demand infrastructural platforms able to ensure the highest levels of reliability, availability, scalability, and redundancy.

Our cloud solutions offer to companies the quick access to additional infrastructural resources to face sudden changes and the business evolution.

Integrating our cloud model in their IT architecture, companies can implement quickly, for a low cost and with an incremental approach, organizational and process transformations that before required demanding and expensive infrastructural integrations.

Levels of reliability, continuity, and security in line with the best practices and the strictest international standards ensure the protection of data and applications and the full compliance with the current regulations.



IT SERVICE MANAGEMENT

We manage the technological infrastructure and the support activities to ensure an always efficient IT service, aligned with the business strategies



IT SERVICE MANAGEMENT

A global approach

The growing importance of IT as support that enables the business strategies, took companies to invest significant resources in more and more performant new technologies.

This approach isn't enough anymore to ensure the expected benefits: today, the perspective has to be wider and more general, a vision focused on the user and all technological, organizational, and cultural elements that affect its way of operating.

Therefore, IT Service Management and ITIL represent the reference framework for companies that want to obtain from their IT investments high performance, continuous availability of technological resources, security, quick solution of the problems and scalability in time with an acceptable management cost.

Our service model, based on a composable set of management, assistance, and support activities, takes and reinterprets the international best practices moulding them on the peculiarities of Italian companies.

Services

The company environments are characterized by a great peculiarity of systems, applications, and processes that have to operate among them. PLUG-IN offers to the IT Manager a varied range of specialistic services to manage and monitor complex infrastructures without having to internally develop the necessary skills and bear their continuous updating.

Capacity Management

It ensures an answer which is always suitable to satisfy the IT needs.

Service Level Management

It ensures the quality level of the service provided.

Service Continuity Management

It prepares the measures needed for a quick recovery of the IT services in case of serious infrastructural damages.

Availability Management

It optimizes the availability of the systems to provide suitable levels of service for bearable costs.

Security Management

It implements, monitors, and preserves in time the defences to protect the confidentiality and integrity of data.

Incident & Problem Management

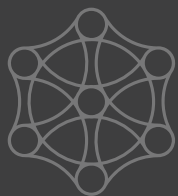
It reduces the consequences of IT problems, understanding and preventing the relevant causes.

Configuration & Change Management

It monitors the real status of the IT assets, implements the methods and procedures useful for the improvement and evolution of the IT service.

Service Desk

It manages the users' problems and requests.



CYBERSECURITY

Defence strategies and systems for the protection of data and business processes





CYBERSECURITY

The attacks to the IT systems are growing all around the world.

Facing more and more frequent and tricky threats taking refuge behind a firewall isn't enough anymore. Unknown vulnerabilities, applications and clouds can open the door to lethal infections.

The risks are too big to underestimate the problem: service interruption, data breach, non-compliance can entail serious economic and reputational damages.

Cyber Risk Analysis & Prevention is our service that helps you to implement a defence proactive strategy able to minimize the risk, balancing all factors: the importance of the asset to be protected, the vulnerability level, and the dangerousness of the threats.

Cyber Risk Analysis & Prevention allows to neutralize at the beginning external and internal threats, before they compromise the confidentiality and integrity of data, systems, and applications.

Cyber Risk Analysis & Prevention

Cyber Risk Impact Analysis

Evaluation of the exposition to the risk and of the impact on the business

Cyber Threat Intelligence

Preparation of defences able to detect and face from the beginning the IT security threats

Breach Detection

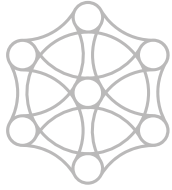
Prompt detection of breaches to the security system

Incident Response

Strategies and countermeasures for the containment and inhibition of cyber attacks

Security Training

Training and awareness of the staff



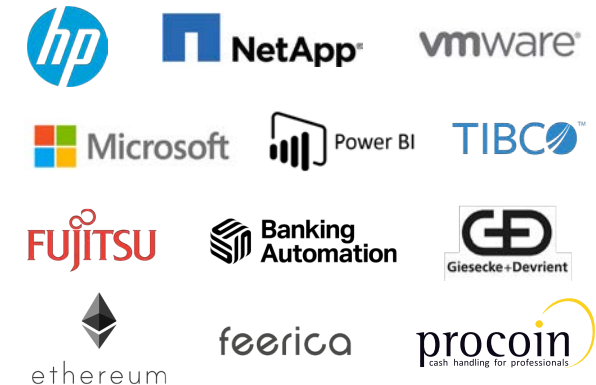
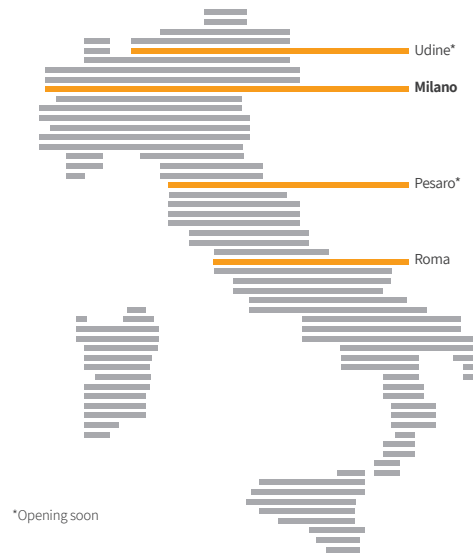
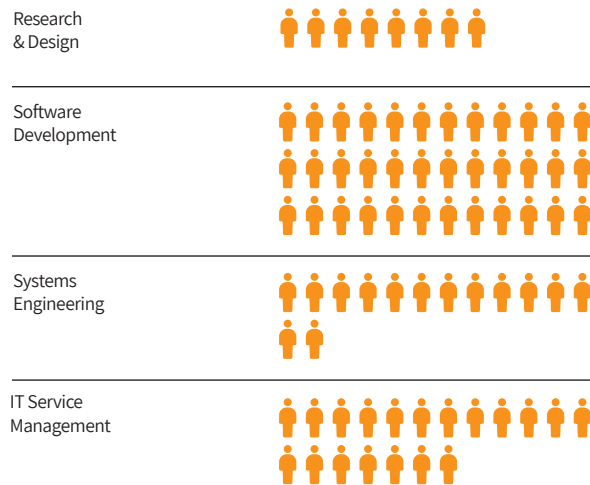
PLUG-IN IN SHORT

ACTIVITY

PLUG-IN was born in 1997 to realize an innovative idea: build a software factory able to offer to the market high-quality custom solutions developed with industrial methods. This approach - in the forefront in that period - allowed us to immediately distinguish on the market for the solidity, security, and competitiveness of our applications.

Since then, we undertook a growth route that took us to integrate and widen a lot our expertise. Today, the company is structured in business strategic units and commits itself on three principles: the development of custom hardware and software projects; the implementation of applicative solutions and digital platforms; the provision of services supporting the digital infrastructure and the business processes.





ORGANIZATION

Business Strategic Units

- Custom Projects
- Digital Transformation
- Vertical Solutions
- Business Process Outsourcing
- Digital Infrastructure

Dedicated Divisions

- Plug-in Money Handling
- Plug-in Design Center

Affiliates

- Avvera - Business Compliance

SEATS

Our headquarter is in Origgio, near the motorway Milano-Varese. Other seats dedicated to the sale and consultancy are seated in Milan, Rome, Udine, and Pesaro.

We provide assistance to our customers in Italy and abroad, directly or through local partners, ensuring on site interventions within a few hours.



TECHNOLOGIES & CERTIFICATIONS

We cooperate with the main hardware and software producers to provide our customers with reliable and safe solutions supported in time. The quality of our processes complies with the International reference standards.





PLUG-IN SRL

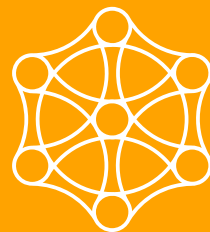
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plug-in

INCREASE, INTEGRATE, INNOVATE BUSINESS