LIGHTED SIGNS
INSICO, thanks to its planning and development department and thanks to the collaboration with important European societies, is able to develop different types of backlit signs capable of surpassing the light technology evidence indicated in the UNI EN 12899.1 and requests from the Ministry of Infrastructure to obtain approval.

Thanks to advanced light technology studies and the implementation of innovative products, different types of backlit devices have been developed, employed together with an active system (internal illumination) and a passive one (light reflected by vehicles).

ACTIVE SYSTEM
INSICO has certified two main types of active back lighting systems:

The first is based on light diffusion technology, a system that combines low consumption, long lasting fluorescent lights with particular internal optical diffusers, allowing for a greater diffusion of light while fully respecting the required chromatic values for all colors according to the UNI EN 12899.1; the second is based instead on LED technology, both direct and tangential, fully respecting the required chromatic values for all colors according to the UNI EN 12899.1.

PASSIVE SYSTEM
With the goal of creating a perfectly visible sign, even in the case of unplanned and sudden loss of electricity, the luminous device adopts a passive reflection system of the light emitted. Such a system is realized with the use of particular Class 2a Special retro-reflective semi-transparent films, using the digital printer DURST 162, thanks to which, visual and lasting results are obtained from materials that are otherwise impossible to obtain using traditional methods.

TUNNEL SAFETY
The ANAS memo n°7735 from 08/09/1999 called for a series of interventions with the aim of increasing tunnel circulation safety; among these interventions were those regarding the use of backlit road signs inside the tunnels.

For this special type of sign INSICO invested and continues to invest a great deal, taking an active role in the planning and production of all types of requests by the memo itself and its successive national and international modifications.

INSICO is able to satisfy the requests of the commission by way of the construction of signs which, using many backlighting systems calibrated according to type and dimension, surpass positively all the trials necessary to obtain the CE label, as required by the UNI EN 12899.1.

SOS BOOTHs
The ANAS memo from 1999 and later versions, introduced the use of steel security booths for SOS. INSICO plans and produces various solutions for SOS booths complete with telephones and the necessary safety equipment.
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LED AND PMV DEVICES
The continued search for new products and innovative solutions that respect the provisions of the New Road Code and can contribute to increased road safety has brought INSICO to collaborate with international expert partners in the study and development of LED signs.

These devices are becoming more and more applicable in both urban and suburban roads in as much as they are equipped with a high angle, adjustable luminosity according to necessity, are long lasting (>1,000,000 hours) and have low energy consumption; LED devices allow for the elimination or reduction of various dangerous situations, improving visibility and understanding of travel information.

CONSULTATION AND PREVENTION
INSICO, thanks to its technical experience, is completely open to studying new products and solutions that allow for the resolution of critical situations in circulation and road viability, most importantly, the prevention of accidents.
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The INSICO staff has worked for many years in the railway sector in regards to the planning and production of fixed, standard and lighted signage systems for Railway Stations.

**SURVEY AND PLANNING SUPPORT**

The signage produced respects the guidelines set forth by RFI. Planning and survey support are supplied with the objective of reaching the correct emission of the specifics of production and delivering the relative project to the interested party, who, thanks to this tool, can easily coordinate the operations of placement and maintenance.

**CRITICAL ISSUE RESOLUTION**

INSICO’s planning and development department collaborates with RFI to resolve any type of critical issue present in the planning of a new station or in the modernization of existing stations, modifying or creating new signage solutions that respect the guidelines set forth by RFI. INSICO, thanks to its production department, is also able to satisfy the biggest requests for lighted and reflective railway signs.
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ROADWAY MARKINGS

QUALITY, CERTIFICATION, SPECIALIZATION

INISCO’s expert specialization is able to guarantee the highest standard of quality in the planning and implementation of roadway markings thanks to continued research, constant training of its staff and the collaboration with its clients and partners.

INISCO is able to plan detailed roadway markings in both roadways and airports, respecting the regulations indicated by the owning entity, guaranteeing the correct synergy of quality and quantity conforming to the current norms, avoiding excessive esthetic interventions that could cause legal problems for the owning entity.

PAINTS

TRAFFIC ISLAND REFLECTIVE ACRYLIC
Paint for road markings based on non yellowing acrylic resin, with premixed glass microspheres. Comes in white, yellow and blue. Transit resistance 13 m at 20 C. Applied with a manual striping gun, brush or roller on small surfaces and with a striping truck for larger surfaces. Field of use: asphalt surfaces for pedestrian crossing, 12/15/25 cm stripes, parking spaces, optical bands etc.

WATER EPOXY FOR PAVEMENT
Bi-component water based epoxy paint. Suitable as a finish for cement pavements. The treated surface is dust resistant and impermeable to fats and oils. Petrol resistant, both acid and basic. Suitable for warehouse flooring, garages, kitchens, food industry etc. The product, if exposed to outdoors tends to become chalky and change color without compromising the integrity of its characteristics.

BI-COMPONENT EPOXY FOR PAVEMENT
Fast drying paint with a modified epoxy resin base, highly resistant. Suitable for asphalt, stone, cobblestone and untreated cement. This product has an advantage over normal epoxy paints with its exclusive fast drying time. “Product not destined for uses listed in the Directive 2004/42/CE – Dlgs 161/06”

TRAFFIC ISLAND PAINT IN BI-COMPONENT THICKNESS.
Road marking paint in a non yellowing acrylic resin base. Has exceptional adhesion to bituminous surfaces, optimal resistance to abrasion and antifreeze oils and gels. Signs in long lasting thickness on asphalt.
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Innovation, technique, and most of all style, have always been characterized in the world by Italian products. The INSICO staff, who has worked in the signage sector for almost thirty years, aims to transfer these Italian qualities to a product like road signs, transforming a simple means of roadway communication into an esthetically pleasing element which harmoniously fits into the urban context.

REGULATIONS AND ESTHETICS
The planning and study of urban decor signage requires not only the respect of the New Road Code and the directives contained in the UNI EN 12899.1, but also that of esthetic factors: in fact, it is important that urban decor fits in a harmonious way into a defined context like a city, town, or urban, commercial and industrial areas. Furthermore, attention to detail permits us to develop the single elements in order to obtain a higher esthetic and architectural quotient coupled with an easier installation or substitution.

TECHNIQUE
The construction technique of the components allows us to keep production and any necessary maintenance costs at a minimum. The use of highly reflective films (Class 2a Special) gives the signs a high security grade in visual perception, as well as a strong esthetic impact. Thanks to great attention to detail, different color combinations available and the flexibility of the composition, our products can be integrated harmoniously into any kind of urban area (streets, roads, squares, etc.)
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ROAD SIGNS
A recent study conducted on the state of road signs in Italy revealed that too often sign interventions in national territory are done haphazardly, contextually demonstrating the main national shortcoming: lack of correct and preventive planning and maintenance of road signs.

**ROAD SIGNALING PLAN**

The Insico staff can plan and develop, together with the client, a correct signaling plan based on the existing and efficient signs, guaranteeing complete and efficient signage plans in which every visual element is evaluated as a component of a vast and complex whole and not as an individual element.

**SIGNAGE INVESTIGATION**

Having access to the instruments that facilitate the investigation of signage means facilitating the identification of certain factors that influence the correct installation and placement of road signs. Among these are the management of interventions over time, complementary road signs and markings, compliance with the law as well as the correct planning of said signage.
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