

Brochure 2026



About Us?

We are a Uruguayan company specialized in high-level geoinformatics solutions tailored for various organizations and industries in both the public and private sectors.

ICA has over 30 years of experience in Geographic Information Systems and optimization, having developed more than a hundred projects using this technology.

Currently, we have a multidisciplinary team composed of professionals who are continually training, allowing us to approach our solutions from both a technological and functional perspective, with an emphasis on our clients' business needs.

What We Do?

We develop and implement geospatial solutions to optimize operational processes and promote management and innovation within organizations. We focus on the digital transformation of companies and government institutions from a geographic perspective, providing a comprehensive view for mapping, analysis, planning, control, and monitoring of various processes. This enables informed and strategic decision-making, which is essential for driving continuous improvement processes.

Our Partners



Certifications





Agricultural



Livestock



Forestry



Energy & Gas



Urban Management
& Cadastre



Banking



Logistics



Infrastructure and
Services



Local
Governments



National
Government



Retail

Countries we work in



Argentina



Ecuador



Guatemala



Paraguay



Spain



Uruguay



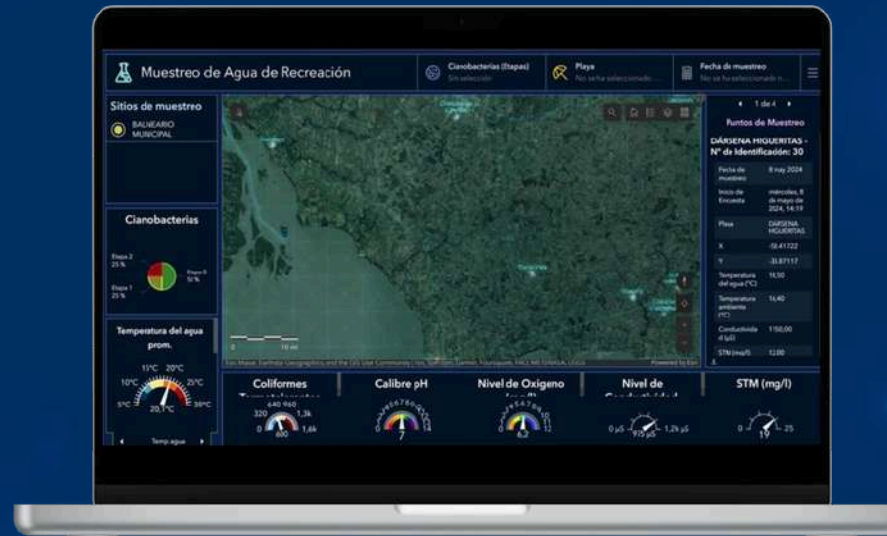
USA



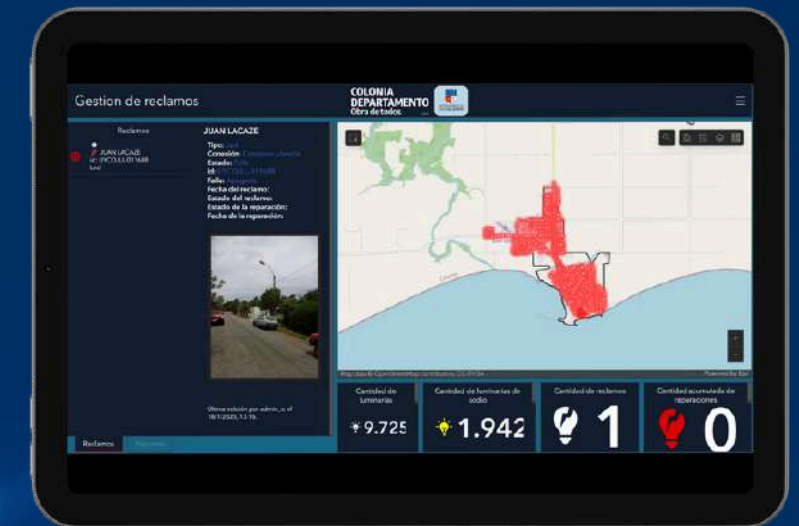
Solutions:



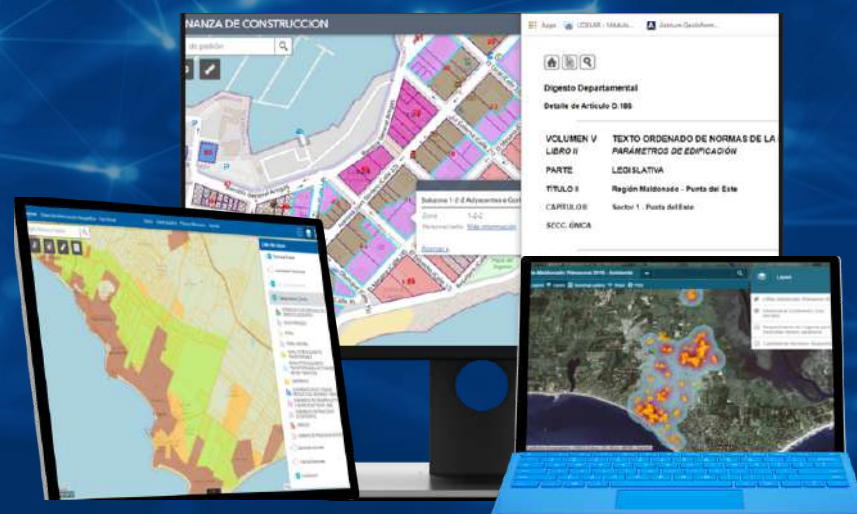
Environmental Sensitivity Mapping for Oil & Gas Operators



Recreational Water Quality Sampling



Street Lighting Management



Public consultations and environmental variable surveys regarding garden waste disposal and required neighborhood services



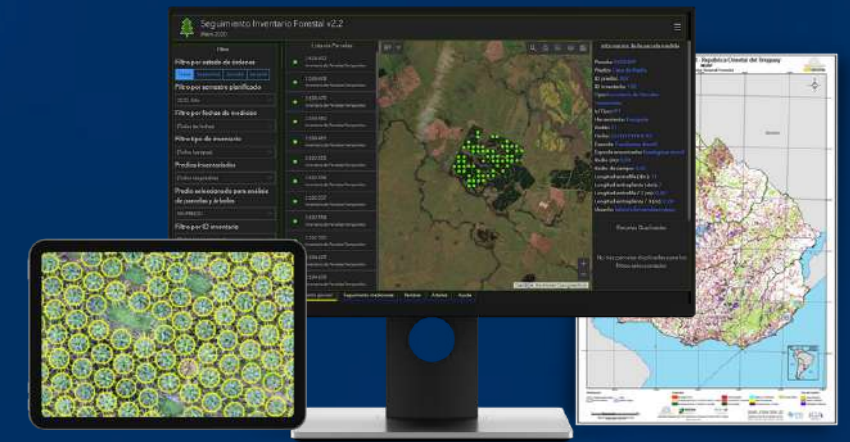
Integrated Risk and Impact Monitor (MIRA)



COVID-19 Monitor: hospital bed capacity and healthcare resources monitoring



Bovine Brucellosis Forecasting / Prediction



Forest Mapping and Inventory, Tree Crown Detection



Municipal Tax Management, commercial permitting, debt management, construction monitoring, and land-use planning



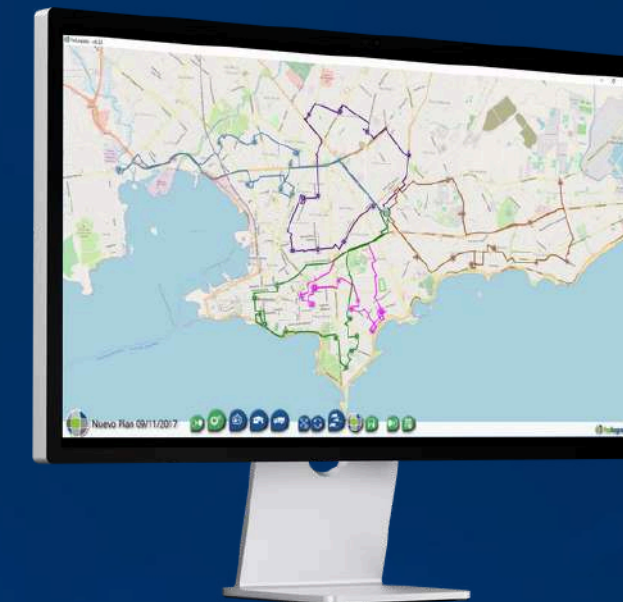
Integrated Forest Fire Management System



NDVI generation, biophysical parameters, and land cover classification



Bank Branch and ATM Mapping



VarianteCuándo usar
Route Optimization and Monitoring with
fwLogistic



AI-based Building and Swimming
Pool Detection



Daily Billing Analysis – Retail
Sector

Technological Areas We Work In

**Geographic
Information
Systems**

**Geographic
Artificial
Intelligence
(GeoAI)**

**Logistics,
Optimization,
and Routing**

**Satellite
Images**

**Image
Processing and
Remote Sensing**

Geographic Information Systems

GIS offers a new approach to organizational management from a territorial perspective, integrating various activities and processes that must be understood, analyzed, and evaluated collaboratively.

Maps and geographic science serve as powerful communication tools, conveying clear messages to all members of the organization while simplifying complexity.

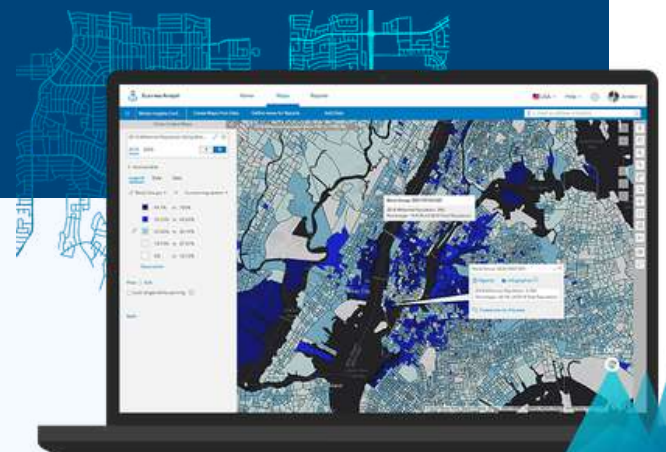
Furthermore, they enable the use of interactive maps that help visualize, analyze, understand, and communicate information, fostering organizational growth.



Geographic Artificial Intelligence (GeoAI)

GeoAI refers to the application of Artificial Intelligence (AI) techniques in creating solutions based on geographic systems. It offers a new, innovative, and effective approach to spatially analyzing geographic information.

At ICA, we employ the most advanced AI techniques, allowing us to predict phenomena that integrate descriptive and spatial elements. We also leverage pattern recognition techniques in images and spatial data. These capabilities enable significant improvements in the analysis of geographic and natural phenomena.

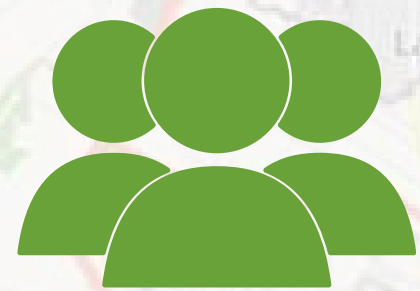


Logistics, Optimization, and Routing



40%

**Reducing
operating costs.**



30%

**Growth in capacity to
handle new customers
using the existing fleet.**



100%

**Improvement in customer
service: Orders fulfilled on
time and as required.**



90%

**Decreased planning
times.**

IICA has developed and continues to enhance [fwLogistic](#), a versatile logistics optimization system designed to meet the unique requirements of every business and operation. This system facilitates automatic route planning and enables real-time operational monitoring and control, equipped with intuitive applications that are easy to use for both logistics controller and transport operators.

Satellite Images

Satellite imagery offers precise and timely information that links Earth and space, allowing for various types of spatial analysis. It captures terrain features in remote areas and uncovers conditions that are invisible to the naked eye, such as ocean mapping and climate change visualization, among others.

At ICA, we focus on the marketing and distribution of high and ultra-high-resolution satellite imagery, offering exceptional quality with precision down to 15 centimeters per pixel.

Our expertise lies in providing top-quality geospatial data, employing advanced technologies to distribute and process images that meet the highest standards.

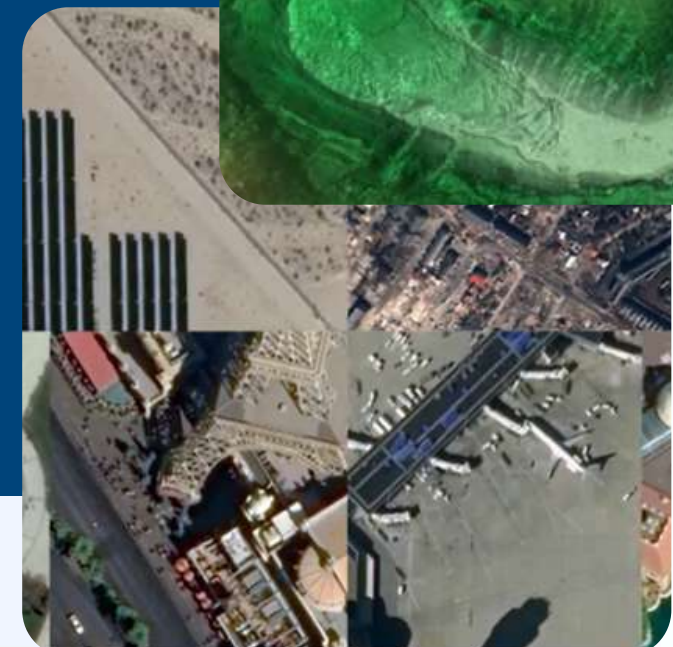
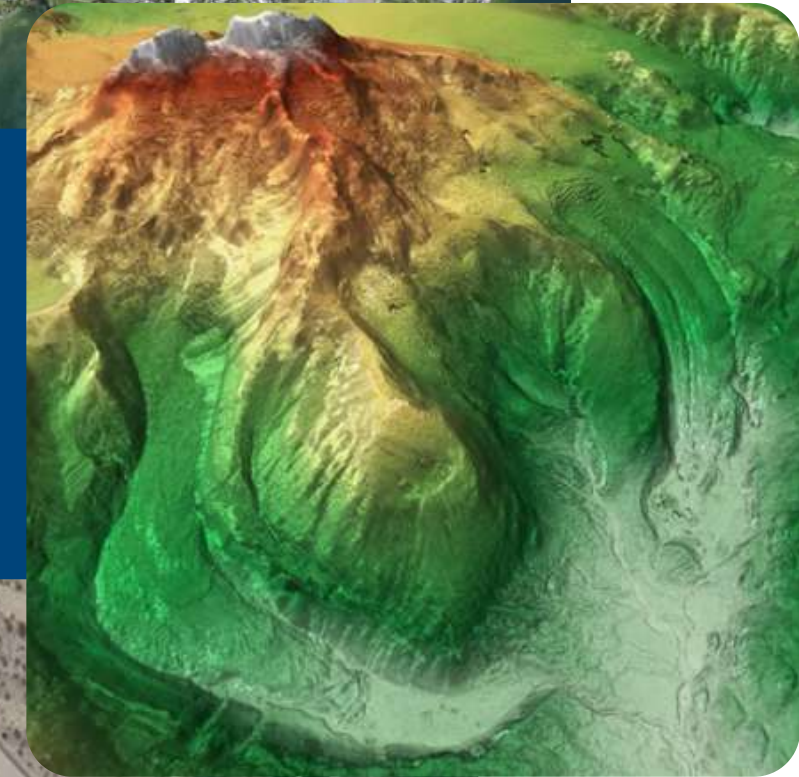
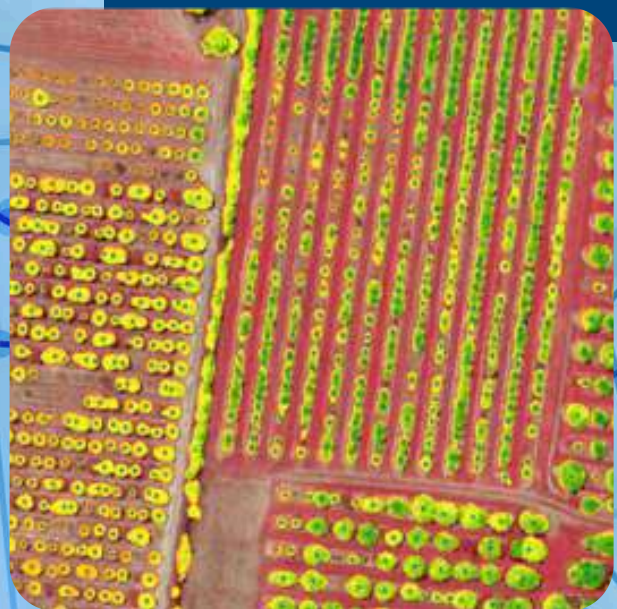


Image Processing and Remote Sensing

We specialize in the processing and analysis of images captured by unmanned aerial vehicles (UAVs or drones) and remote sensors (satellites, drones, LiDAR, radar, etc.), offering exceptional precision and detail with resolutions reaching up to 1 centimeter per pixel.

As a result, we can provide numerous solutions, including multitemporal change detection, object detection, vegetation index creation, 3D modeling, and any other specialized analyses requested by our clients.



Training

At ICA, we offer training in ArcGIS to empower users to get the most out of their investment and achieve independence in using various technologies, ultimately enhancing and optimizing their organization

We provide courses and workshops offered in various formats:

In-person

Courses offered on-site at our main location in Montevideo.

Remote

Virtual courses led by live instructors, accessible remotely from any location

E-Learning

Access courses anytime and anywhere, featuring engaging multimedia instructional methods



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