



KiotSCO SAS

We connect the IoT world wireless with IP500®

Projects

From Smart buildings, over Smart cities to Smart farming.

An overview of selected projects where we are in the planning and evaluation stage in Latin America.



Connecting all intelligence necessary with one wireless IoT protocol: IP500®

We transform physical and social environments, implementing IoT technology in commerce, cities and communities, generating savings, security and sustainability.

Together with the members of the IP500® Alliance we connect large scale projects, city planners and local institutions with system integrators and planning companies in Latin America and help to search intelligent sophisticated integrated solutions with IP500®

smart University campus 84 BUILDINGS



- Refurbishing the traditional lighting system with intelligent TRILUX IP500® lighting system, starting in 2 buildings to further change the illumination systems on all campus.
- Connection of IP500® with the fibre backbone to change all access control and student monitoring system.
- Further implementation of an intelligent room and auditorium management system based on IP500® connectivity.

Shrimp supply chain improvement and energy consumption IP500®

Control of production and measurement of energy on the same wireless network for smart shrimp farms.

CONFIDENCE WITH FOOD CHAIN CONTROL

TRACEABILITY FROM END TO END

If a food safety issue is reported, it is immediately clear who is affected and who should act.

FOOD PRODUCT SAFETY

With a blockchain based program, you have a trusted source to grow your supply chain. In addition, organizations can know what food has been grown or produced in a certified way, eliminating the risks of contamination and potential harmful food fraud throughout the supply chain.



MODERNISATION OF SHRIMP FARMS

1 Installation of a wireless mesh network, dual frequency, intelligent, open, secure, neutral, scalable, redundant **IP500®** over the corresponding area of the farms. Thus, shrimp production will be controlled, energy consumption will be measured and lighting can be controlled with the appropriate sensors and devices.

2 Integration of energy, water meters, water quality sensors, safety sensors and other systems necessary for shrimp production.

3 REPLACING existing lighting with TRILUX intelligent LED lighting in IP500® wireless connection to save up to 70% energy and up to 30% on maintenance and lighting management.

4 FOR THE IMPROVEMENT OF THE SHRIMP SUPPLY CHAIN
Implementing a digital food system, the network and participants have access to tools and data to improve the shrimp supply chain and contribute to improving the food system as a whole with the “IBM Food Trust Blockchain”.



Pilot Project TRANSMILENIO

Improvements Transmilenio & SITP Bogotá systems

- 1) Real-time passenger counting system for Transmilenio Portals & Stations for Transmilenio Buses & Feeders SITP Buses
- 2) IP500® IoT network wireless communication in Transmilenio Portals & stations Transmilenio Buses & Feeders SITP Buses The Transmilenio & Feeders routes SITP routes
- 3) Connection with ALICE software, for analytics, video analytics and maintenance of bus routes and the maximum occupancy of buses.
- 4) Further connection control system of bus and traffic routing.



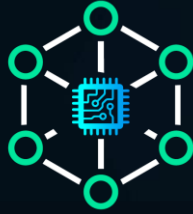
IP500® wireless network

**MAKES ALL THESE COMPLEX
PROJECTS POSSIBLE**



**The IP500®
protocol ensures
secure, redundant,
robust, dual-band,
and uninterrupted
wireless
communication
between
components
automation.**





INTELIGENTE
(red malla donde los dispositivos automáticamente buscan salida)



SEGURO
criptografía



INALÁMBRICO
doble banda



ABIERTO
(interoperable)



REDUNDANTE



KiotSCO SAS



IP500[®]



MODULAR



ESCALABLE



RÁPIDO



NEUTRAL



KiotSCO SAS is a consulting company with commercial representation rights for Latin America of the IP500® intelligent wireless protocol.

We created KiotSCO thinking about innovative projects that require scalable and installable wireless artificial intelligence in combination with low consuming LED illumination solutions.

We accompany our clients during the evaluation, design, implementation, management, after-sales service and audit of services.

Smart Cities
Smart Commercial
Buildings
Smart Mega Projects
Smart Industries



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