

OUR OWN PLATFORM

A platform built from real
integration, not from
paper.

OUR OWN PLATFORM

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A platform built from real integration, not from paper.

OUR OWN PLATFORM

At SATIC we integrate the layers that critical projects rarely deliver together. Twenty years deploying technology in sectors where availability and security leave no room to improvise. The platform is the natural result of that work: modules that activate according to the deployment, integration with open standards, and operation that sustains the system once it's up and running.

This catalog lays out what it solves, which modules it includes, where we've deployed it, and the design decisions behind it. It's a technical platform, not a commercial one: when there's a serious project, we show it.

Born from repeating the same architecture job after job.

WE DIDN'T BUY IT. WE NEEDED IT.

La plataforma SATIC no es un producto que compramos para vender. Nace del trabajo de campo, de repetir la misma arquitectura obra tras obra hasta entender qué piezas se necesitan siempre y cuáles cambian por proyecto. Esa experiencia condensada es lo que entregamos.

Behind it are modules that activate according to the deployment's needs, integration with the market's open standards, and an operation that sustains the system once it's up and running. No proprietary licenses trapping the data, no black boxes, and no unnecessary dependencies.

Six capabilities that sustain a critical operation.

Each one solves a specific problem that shows up, without fail, in every critical project we deliver.

01

Unified supervision

Video, access control, communications, identification, sensors, and alarms on a single screen. The operator runs one platform, not six.

02

Real high availability

Active-active with fault tolerance verified on site. If a node goes down, the operator doesn't notice. If a site goes down, the operation continues.

03

Field integration

Gateways to existing equipment, sensors, and subsystems. We don't require replacing everything; we connect what's already there.

04

Historical telemetry

Time series from the field and the operation, for querying and exporting. The question "what happened three months ago at 4:17?" has an answer.

05

Rules engine

Correlation between events from different subsystems. A technical alarm plus an identification plus a camera trigger a procedure for the operator, not an email.

06

Distributed operation

Local and remote control centers sharing the same view. Operators on site, central supervision, multi-site management without replicating infrastructure.

Features you activate based on the project.

We don't sell a closed platform with everything turned on by default. We sell a foundation on which you activate the capabilities your operation needs. And when what you ask for isn't there, we build it.

01

Voice

Digital radio, corporate telephony, paging, and shift communication integrated. Gateways to existing PBXs and systems.

02

Location

People, vehicles, and assets in real time. Active indoor identification, license-plate reading outdoors, geofences, and traceability.

03

Monitoring

Environmental, technical, and process variables. Industrial sensorization, integration with control systems and with the operation.

04

Video

IP cameras with onboard analytics, recording, evidence export, and unified operation with the rest of the subsystems.

05

Emergency management

Operator-guided procedures, automatic escalation, cross-notifications, and coordination with external services.

06

Automation

Triggering actions from rules: actuators, signaling, messaging, integrations with third-party systems. The platform reacts, it doesn't just alert.

Designed for the places where we deploy it.

01

Underground Mining

Personnel counting,
underground
communication, gas
monitoring, correlation of
security events.

02

Tunnels & Civil Works

Occupancy control,
perimeter monitoring,
regulatory compliance,
multi-tunnel management.

03

Process Industry

Integration with control
systems, plant
surveillance, shift
communication, 24/7
monitoring.

Design decisions we make, and why.

TECHNICAL PHILOSOPHY

01

Active-active, not active-passive.

Active-active, not active-passive. The redundancy that actually works when it's needed.

02

Edge + center.

Edge + center. Critical logic runs locally: it keeps working even if the network goes down. Aggregation and global view at the center.

03

Open standards.

Open standards. Open protocols from the industrial, IoT, and electronic-security domains. We don't reinvent what already exists.

04

Customer data sovereignty.

Customer data sovereignty. The history belongs to the customer, hosted wherever suits them.

07 · ACCESS

We show it when there's a project.

We don't publish screenshots or demo videos. When a project is far enough along, we schedule a presentation under a confidentiality agreement. We walk you through the architecture, specific features, and how it fits your case.

08 · CONTACT

Let's talk.

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Platform details online

Where the catalog falls short, we build it.