C-CONTROL

The visual solution for control rooms

From maps to smart control

1940

The rise of analog instruments made it possible to monitor critical infrastructures like dams, power lines, and nuclear plants. Only government or scientific organizations had access to these rooms.

1930

Early control centers were physical and tactical: maps, markers, and real-time strategy to coordinate armies and expeditions.

1970

Apollo 13

NASA combined video and telemetry in real time for the first time in an operational environment. "Houston, we've had a problem" became the universal symbol of crisis management from a control room.

Today

Accessible technology, advanced visualization, AI, sensors, and real-time data now bring that same logic to any operation.

From retail to heavy industry, control rooms are no longer exclusive— they're becoming democratized.

C-CONTROL® is the next step in this evolution— designed for today's challenges in visualization, efficiency, and decision-making.

C-CONTROL SOFTWARE

Keep your operations visual and secure

SIMPLIFY THE MANAGEMENT OF MISSION-CRITICAL SYSTEMS — REMOTELY AND SAFELY.

What you can do with C-CONTROL®

✓ **Visualize any data source**

✓ **Organize and sequence scenes in real time**

✓ **Manage everything quickly and clearly, right from your browser**

✓ **Collaborate with your team through roles and permissions**

C-CONTROL SOFTWARE

Your entire data ecosystem, in a single view

With C-CONTROL®, everything you need is right in one place. Visualize, control, and take action from a single, intuitive interface.

✓ **Dynamic dashboards: Power BI, Tableau, Grafana...**

✓ **Web & enterprise apps: CRMs, ERPs, internal systems**

✓ **Video surveillance: IP cameras, VMS, real-time monitoring**

✓ **Physical connectivity: HDMI inputs (NVR, video conferencing, computers)**

✓ **Workstation streams: Remote desktops, virtual sessions**

DRAG, ORGANIZE, AND CONTROL EVERY SOURCE WITH TOTAL FREEDOM.

FROM A SINGLE BROWSER, ANYWHERE.

IP CAMERAS

WEB APPS

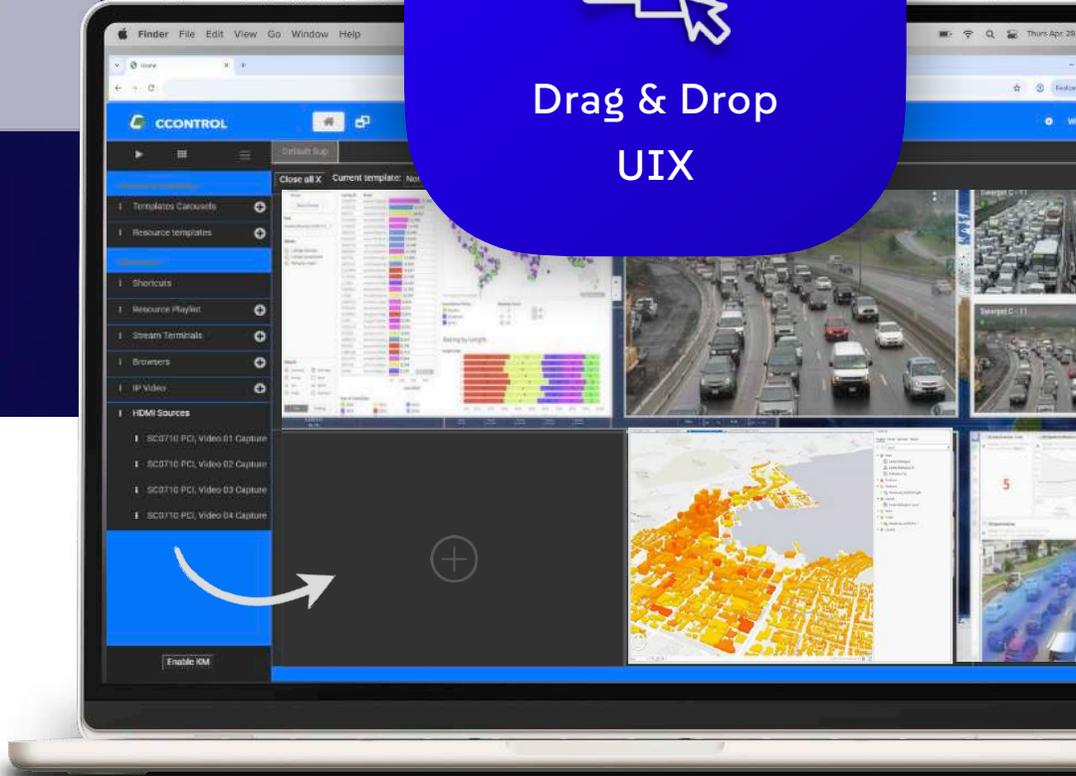ANALOG CONNECTIVITY

DYNAMIC DASHBOARDS

MAP 01

Drag & Drop UIX

Design your visual environment effortlessly

Create dynamic scenes right from your browser, with maximum flexibility. Your workspace, exactly the way you need it.
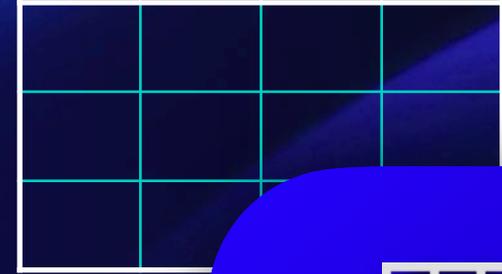
ROWS

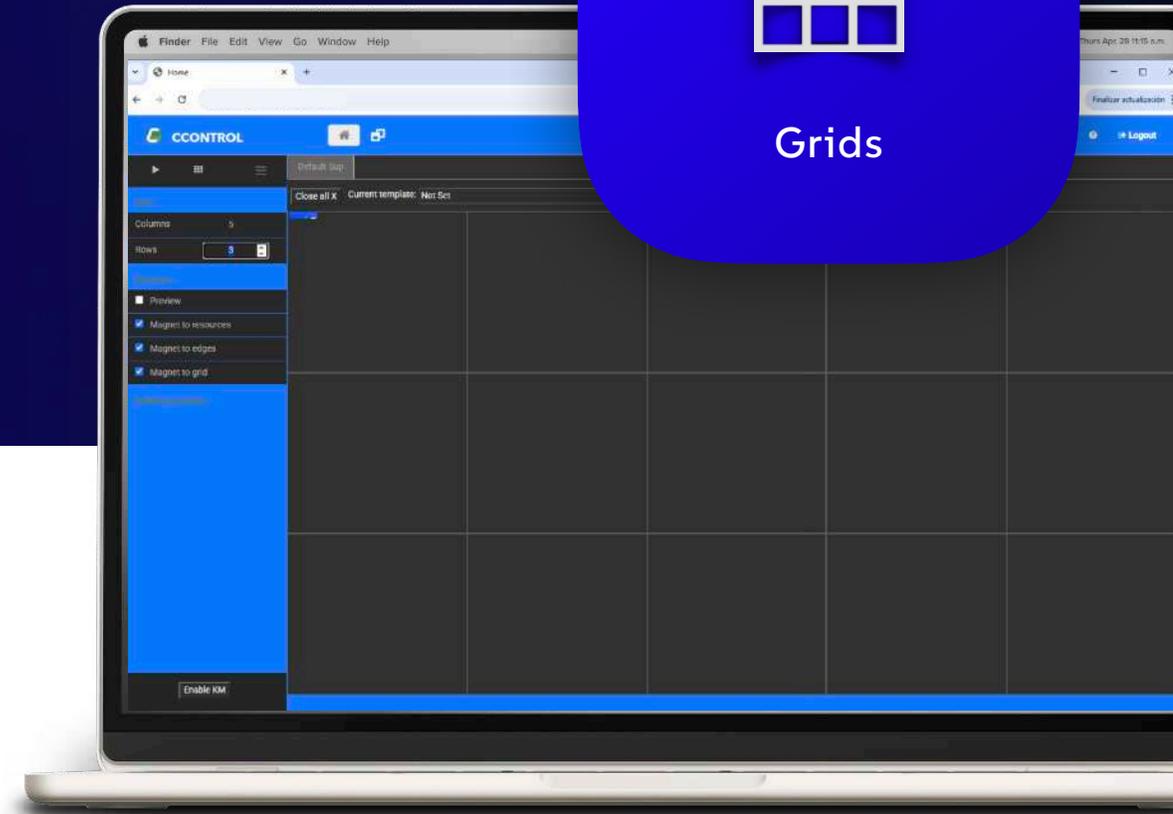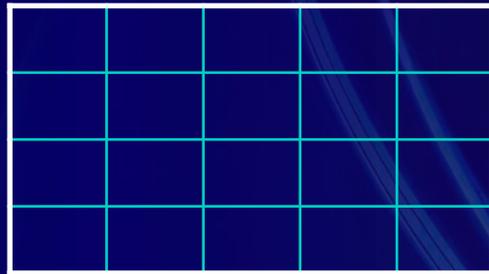⊖   3   ⊕

COLUMNS

⊖   4   ⊕

2X2

3X2

4X3

5X4

Grids

Design your ideal operating window

Create custom visual layouts for any context.
Every block of your video wall, tailored to fit.
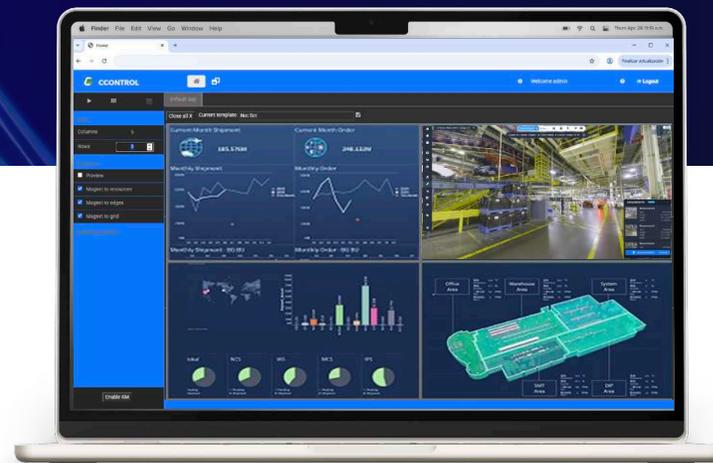
HEADQUARTERS
VIDEOWALL

FACTORY
VIDEOWALL

LIVE

Enconding/Decoding

Video Streams

Share your digital environment in real time

Stream desktops, virtual sessions, or apps directly to different remote locations. No cables, no installation.

Video capture (HDMI)

HDMI INPUTS

High-performance HDMI capture cards.

If it happens, it's on screen

Integrate computers, cameras, NVRs, or decoders. Real-time visualization with no latency and no loss of quality.
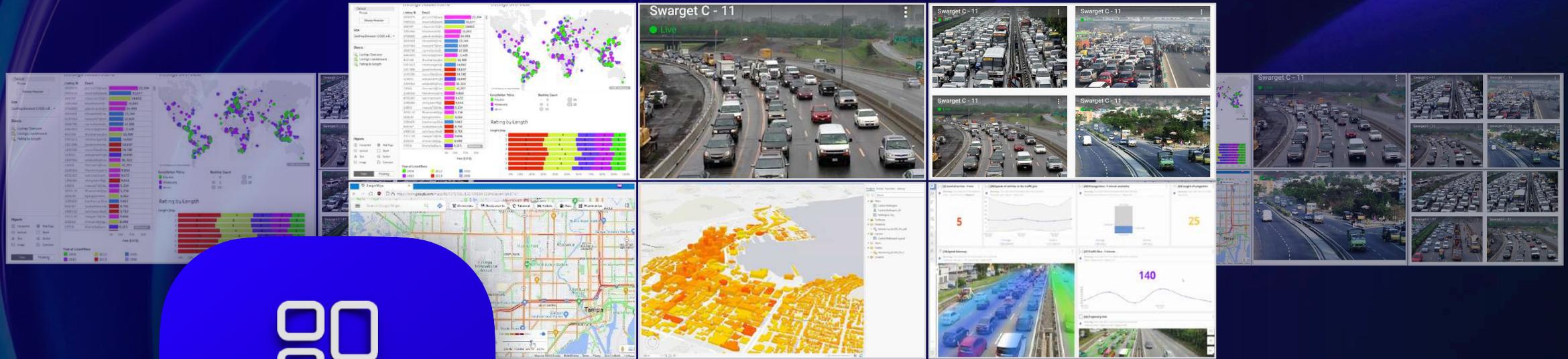
One space, multiple data sources in rotation

Automate the rotation of feeds in specific zones.
Perfect for keeping visibility high without overcrowding your display.

SCENE 2

Scenes

One click. Full control.

Save and reuse complex configurations.
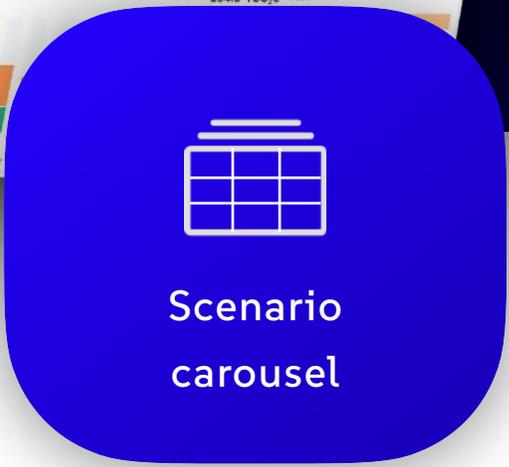Perfect for shift changes, drills, or critical situations.
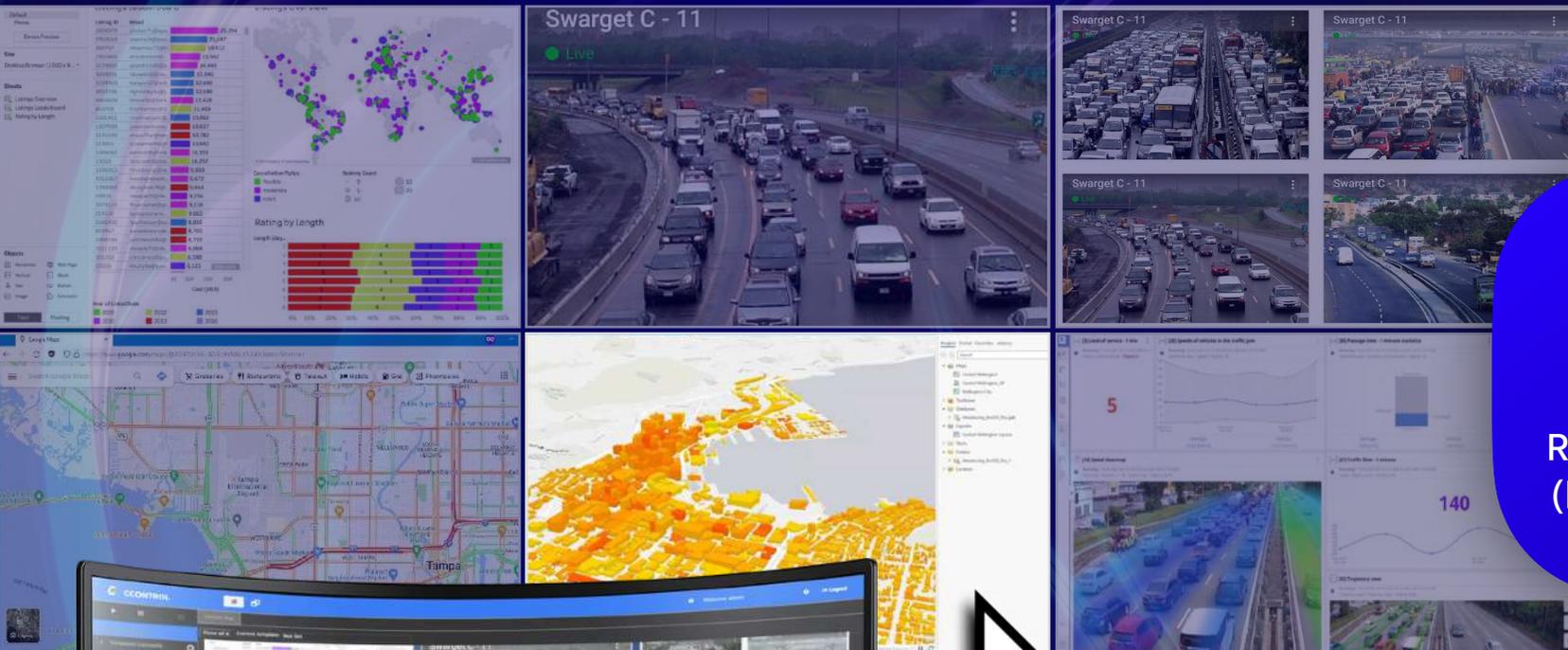
SCENE 1

SECENE 2

SCENE 3

Scenario carousel

Shift focus, without lifting a finger

Automatically sequence predefined scenarios.
View different contexts with no manual intervention.

Remote KVM control
(keyboard & mouse)

Your browser is your control room

Interact directly with content from anywhere.
No extra software. No complexity.

SURFACE 1

SURFACE 2
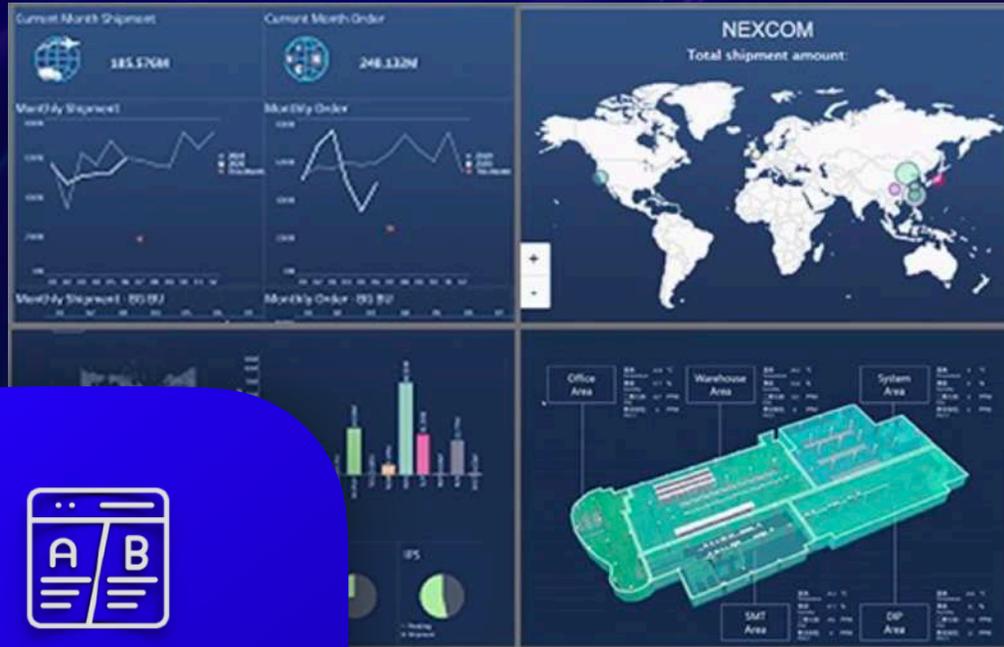
Surfaces

Segment. Organize. Optimize.

Divide your visualization environment by work areas.
Each team sees only what it needs—right when it needs it.

SURFACE 1

SURFACE 2

SURFACE 1

SURFACE 2

Surfaces

Segment. Organize. Optimize.

Divide your visualization environment by work areas.
Each team sees only what it needs—right when it needs it.

SURFACE 1

SURFACE 2

Collaborative
Software

C-CONTROL

Collaborate in real time, from anywhere
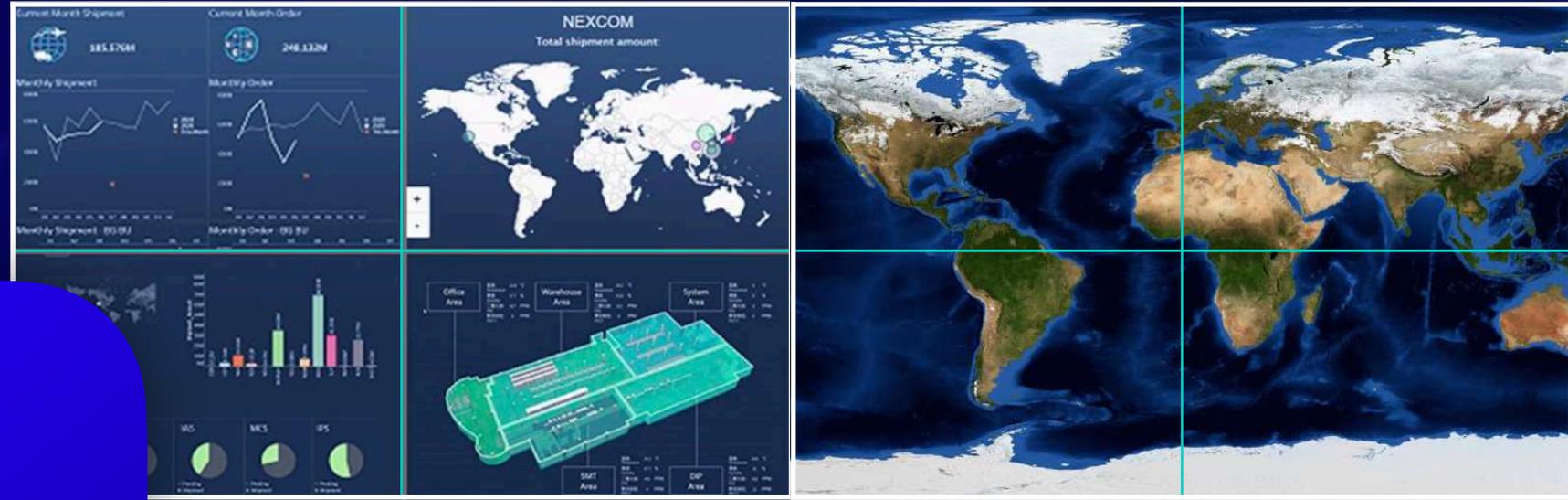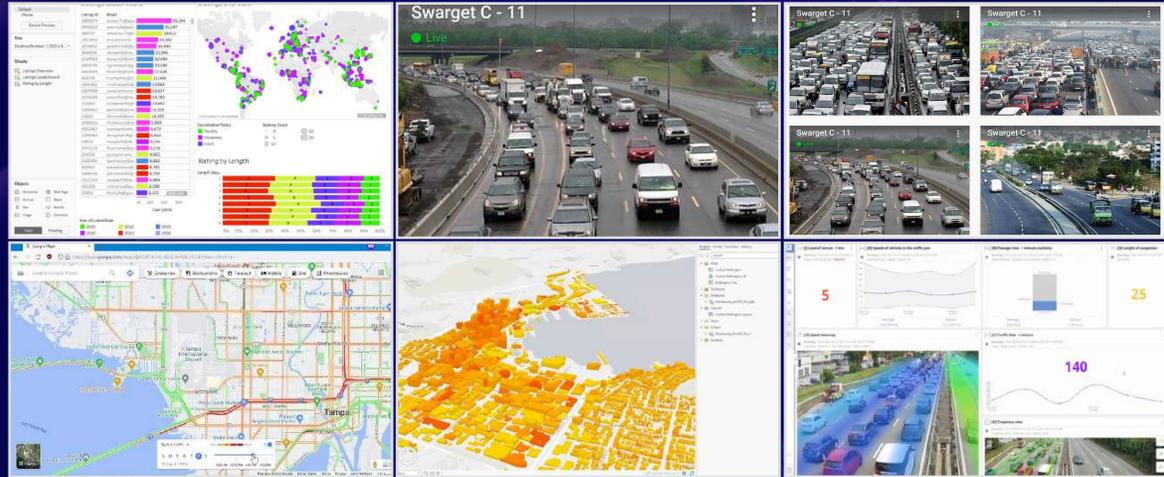
Simultaneous visualization and control right from your browser.
Distributed teams, centralized decisions.

Flexible architecture, seamless operations

ADMIN

OPERATORS

LOCAL NETWORK

ADMIN

REMOTE ACCESS

HDMI INPUTS

C-CONTROL
C400 GEN 4

C-CONTROL® VISUALIZATION

C-CONTROL CONTROLLER

C-CONTROL C400 Gen 4

- ▸ Intel i9 processor
- ▸ x4 4K Outputs
- ▸ x4 4K Inputs
- ▸ 64 GB high-performance RAM
- ▸ 1TB SSD storage
- ▸ 1 Hot Swap
- ▸ Redundant Hot Swap Power Supply
- ▸ 4U rackmount chassis with active cooling (3 fans)
- ▸ Windows 11 LTSC 2021
- ▸ Scalable system – expandable with additional drives, memory, input/output cards
- ▸ C-CONTROL license with 2 years of software maintenance (SMC)

The technical heart of your control room.

DESIGNED FOR **24/7 PERFORMANCE** IN MISSION-CRITICAL ENVIRONMENTS.

Compatible with any type of device

Plug & Play, no complex installations

Drag & Drop interface

Remote keyboard and mouse operation

Reusable layouts and scenarios

Automatic resource and scenario carousel

Seamless Visualization Without Limits

POWER, SECURITY AND CONTROL FOR MISSION-CRITICAL OPERATIONS

✓ Designed for demanding environments and 24/7 operations

✓ Software with active maintenance and redundant hardware

✓ Modular, scalable, and easy to integrate

All for:

14.649€

*Includes **software updates** and critical security patches (2 years).

**Ensures robust operation, continuous protection, and ongoing evolution.

C-CONTROL® C400 Gen 4

- Intel i9 processor
- x4 4K Outputs
- x4 4K Inputs
- 64 GB high-performance RAM
- 1TB SSD storage
- 1 Hot Swap
- Redundant Hot Swap Power Supply

- 4U rackmount chassis with active cooling (3 fans)
- Windows 11 LTSC 2021
- Scalable system – expandable with additional drives, memory, input/output cards
- C-CONTROL license with 2 years of software maintenance (SMC)

C-CONTROL® centralizes the visualization of IP cameras, VMS systems, and other strategic sources, providing a robust platform for continuous monitoring and real-time decision-making.

BENEFITS

✓ Simultaneous visualization of multiple critical sources

✓ Native integration with market-leading VMS

✓ Analytics & AI support for early alerts

✓ Scalable platform, designed for 24/7 operations

SECURITY

Critical Visual Operations for Sensitive Environments

IDEAL FOR:
URBAN CONTROL CENTERS, PRIVATE SECURITY, PORT AND AIRPORT SURVEILLANCE

C-CONTROL® unifies key indicators, operational data, and audiovisual sources to enable continuous supervision of plants, warehouses, and logistics flows. Early detection and visual traceability reduce failures and optimize resources.

BENEFITS

✓ **End-to-end visual monitoring of KPIs and processes**

✓ **Integration with production and stock control systems**

✓ **Reduction of operational and incident response costs**

✓ **Platform built for demanding industrial environments**

IDEAL FOR:
ADVANCED LOGISTICS, DISTRIBUTION CENTERS, MANUFACTURING, AND SMART WAREHOUSES

LOGISTICS & MANUFACTURING

Full Process Visibility for Efficient Operations
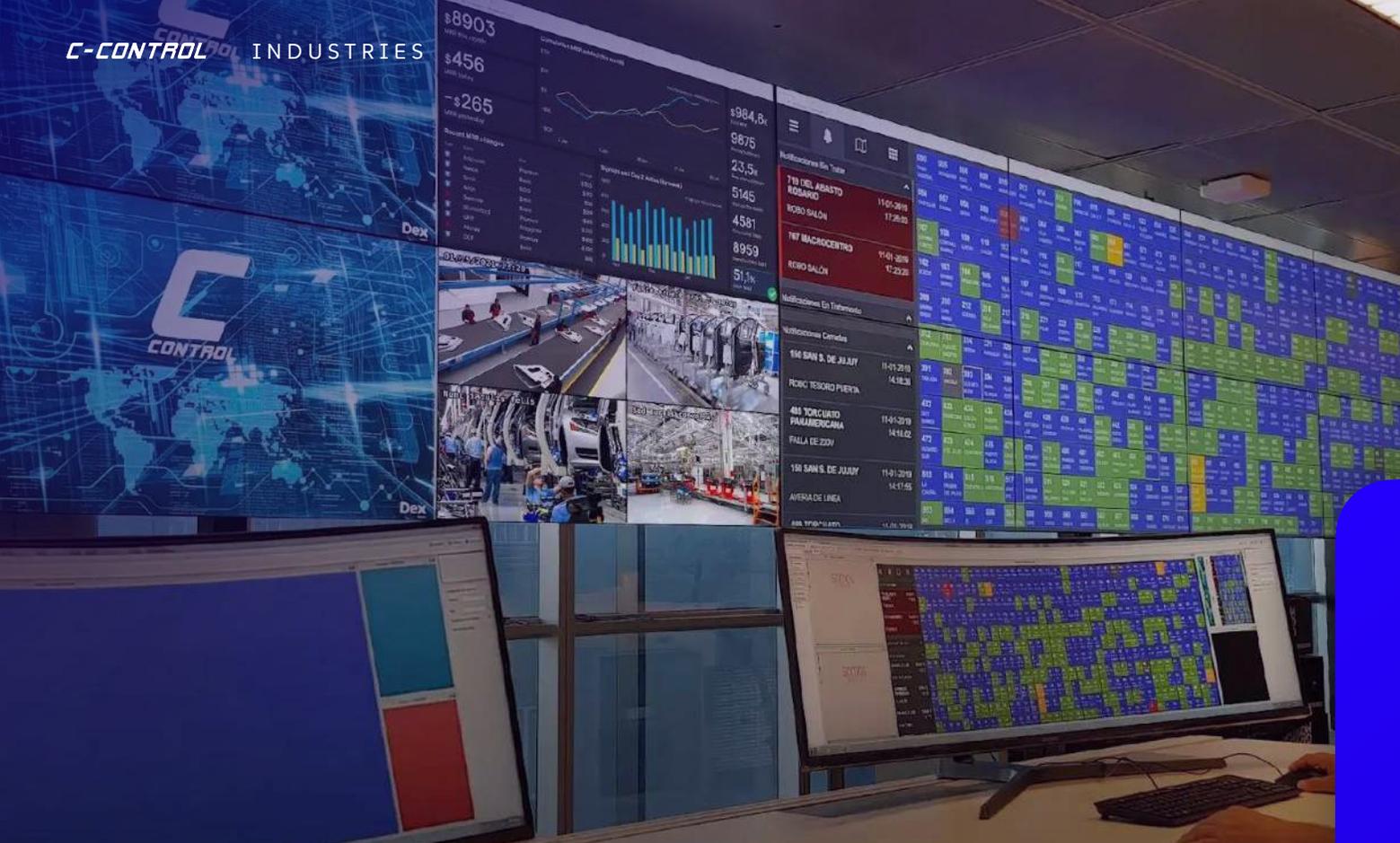
C-CONTROL® provides a consolidated view of key business indicators, security alerts, and service quality metrics. Its ability to visually detect incidents strengthens both decision-making and operational resilience.

BENEFITS

✓ **Consolidation of critical sources in a single interface**

✓ **Real-time visibility of cybersecurity alerts**

✓ **Improved operational efficiency through visual data**

✓ **Service quality monitoring from multiple perspectives**

FINANCE

Strategic Visualization for Critical Decision-Making

IDEAL FOR:
BANKING, FINTECHS, INSURANCE COMPANIES, AND FINANCIAL SERVICES

C-CONTROL® enables public administrations to manage critical operational indicators, coordinate services, and visualize multiple sources from a unified, secure, and always-available platform.

BENEFITS

✓ **Comprehensive visual management for public operations**

✓ **Support for remote or distributed operations**

✓ **Clear interface for multidisciplinary teams**

✓ **Redundant architecture designed for 24/7 service**

GOVERNMENT & PUBLIC SERVICES

High-Availability Visualization for Decisions with Social Impact

IDEAL FOR:
WATER AND ENERGY SERVICES, MOBILITY, EMERGENCY RESPONSE, AND MUNICIPAL OPERATIONS CENTERS

C-CONTROL

C-CONTROL® is the trusted control room solution for hundreds of leading organizations in Europe and LATAM.

YPF

Real-Time Operational Intelligence Center

Critical infrastructure equipped with **C-CONTROL®** to supervise, coordinate, and make strategic decisions at the La Plata Refinery.

✓ Unified monitoring of multiple real-time data sources
✓ Support for operational, environmental, and safety decision-making
✓ Intelligent visualization in a 24/7 industrial environment

Video

Santander
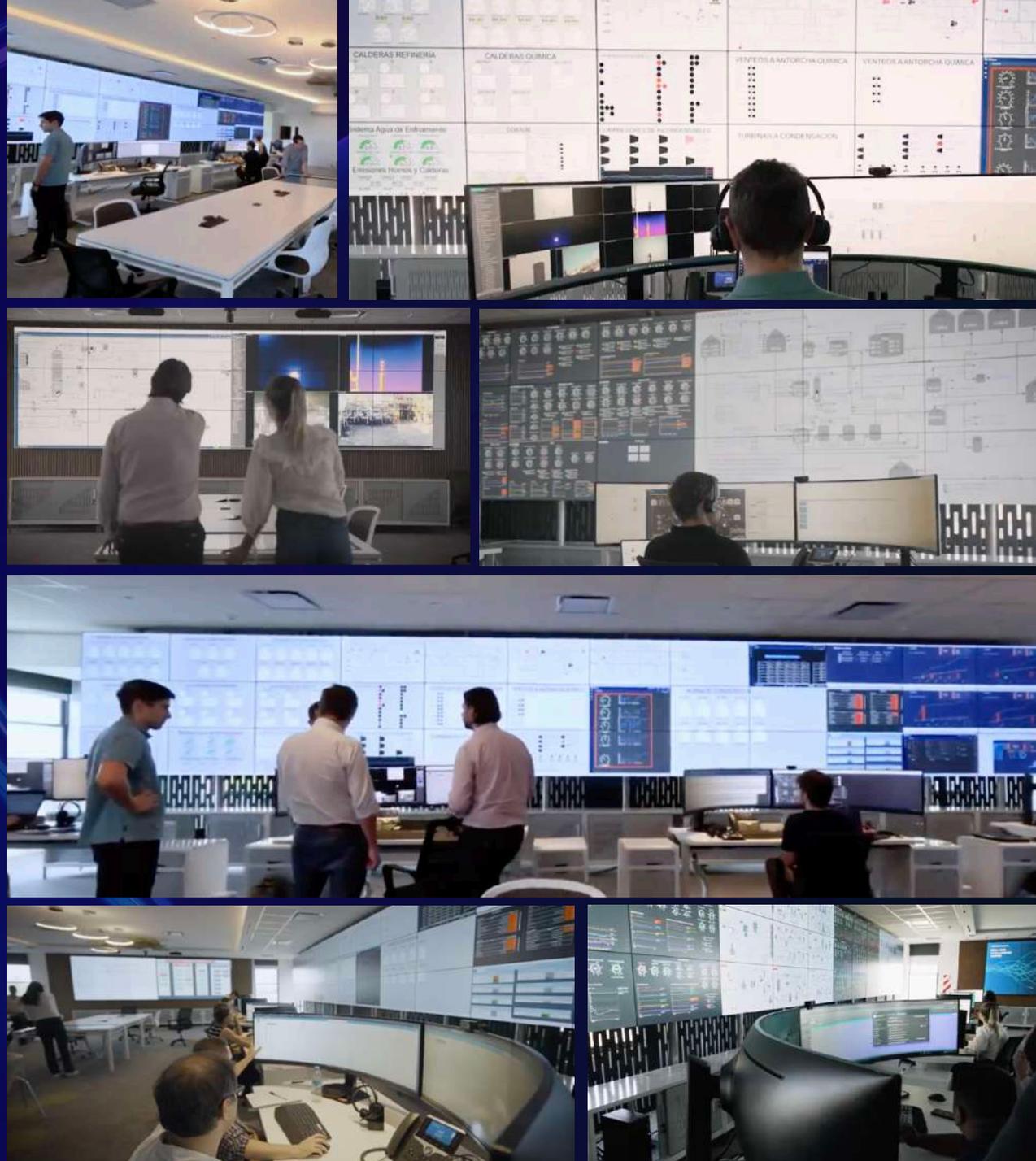
24/7 Strategic Control Center

Digitalization project of the operations center with **C-CONTROL®**, designed for the visual management of critical data and real-time decision-making.

✓ Centralized visualization of KPIs and operational alerts

✓ Integration with data platforms and internal systems

✓ High availability for continuous 24/7 operations

VEOLIA

Control Room for Essential Services Management

C-CONTROL® solution to supervise critical operations in real time across water, energy, and environmental services.

✓ Unified visualization of water, energy, and waste networks

✓ 24/7 monitoring with early alerts

✓ Improved operational efficiency and incident response capacity

VIDEO

Centralized Collaboration and Training

Multifunctional room equipped with **C-CONTROL®** to manage displays and training stations.

✓ Unified content management

✓ Optimization of meetings and training sessions

✓ Improved internal communication

GENDARMERIA NACIONAL ARGENTINA

Real-Time Security Coordination

Operations center equipped with **C-CONTROL®** to integrate video and operational data.

✓ Immediate analysis of critical situations
✓ Integration of multiple sources
✓ Enhanced response capacity

Strategic Control of Critical Processes

Operations center with a unified view of key data and internal systems.

✓ Real-time monitoring
✓ Greater agility and operational security
✓ Centralized decision-making

ENTIDAD BINACIONAL
YACYRETA

Large-Scale Energy Supervision

Control center with videowall for real-time management of operational data.

✓ Centralized visualization of technical systems
✓ Improved operational control
✓ Greater reliability in energy management

SAMSUNG

Centralized Collaboration and Training

Multifunctional room equipped with C-Control to manage screens and training stations.

✓ Unified content management
✓ Optimization of meetings and training sessions
✓ Improved internal communication

C-CONTROL PRO

IA EN TU SALA DE CONTROL

Designed to understand and act in real time

Combines **C-CONTROL® visualization with an AI** engine, enabling not only monitoring but also automatic interpretation of incoming information in real time.

AUTOMATIC ANOMALY DETECTION IN VISUAL ENVIRONMENTS

Identifies atypical patterns (people, vehicles, unusual activity) without human intervention.

PROACTIVE BEHAVIOR-BASED ALERTS

Generates automatic alarms when detecting risk situations, operational anomalies, or abnormal congestion.

INTELLIGENT PRIORITIZATION OF CRITICAL EVENTS

Sorts visualizations and notifications based on urgency level or expected impact.

OPERATIONAL EFFICIENCY ANALYSIS

Identifies bottlenecks, reaction times, and drives continuous improvement based on collected visual operation data.

PREDICTIVE SUPERVISION

Anticipates network behaviors, people flows, or operational states before they become incidents.

DYNAMIC CONTROL CENTER OPTIMIZATION

Automatically adjusts visualization scenes or focus areas based on the current level of criticality.

Thank you

C-CONTROL

WWW.C-CONTROL.COM

C-CONTROL® C400 Gen 4

Designed for **24/7 performance** in mission-critical environments.

HARDWARE & CONNECTIVITY

Video Input
4HDMI input, HDMI 1 & 2 Max supports 38402160@30FPS, HDMI 3 & 4 Max @1080P 60FPS

Audio Input
HDMI embed audio & 2* Analog audio Line-in

Ethernet
1000Mbps, RJ-45

Wifi
Optional 2.4G & 5.8G

PERFORMANCE & SYSTEM FEATURES

Video Encoding
Video Format: H.264/AVC High/Main/Baseline Profile, H.265/HEVC main profile, MJPEG/JPEG baseline
Video Resolution: support 2 channels 4k@30fps plus 2 channels 1080p@60fps or 4 channel 1920x1080P@60fps
Video Bitrate: 0.1~32Mbps
Video FPS: 5~60FPS
Bitrate Control: VBR/CBR
Streaming Protocols: SRT / HTTP / HLS / FLV / RTSP / RTMP(S) / UDP/RTP (Unicast/Multicast) ONVIF

Audio Encoding
Audio Format: AAC/AAC+/AAC++ (MP3/MP2/AC3 G711)
Sample Rates: 44.1kHz/48kHz
Bitrate: 12~640kbps

System
Control Method: Web based management - IP 192.168.1.168
Language: Spanish, Chinese, English control interface.
Firmware: Ethernet software upgrade

Working environment
Operating temperature: -10 to 70 deg C
Storage temperature: -20 to 80 deg C
Relative Humidity: 5% to 90% non-condensing

Miscellaneous
Dimension (L x W x H): 167*107*27mm
Approx weight: 350g
Power adapter: AC input 100-240V 50/60Hz DC output 12V 1A