



Collect your data the smart way

Combine Automation, Telemetry and IoT

Communication front-end



CÓDRA

An intelligent, standalone communication front-end

Telemetry, productivity, energy efficiency, equipment availability, facility diagnostics... all of these areas share one thing in common: they demand flawless data quality. Why not go with a fully **tried and tested** software solution and step up the pace of your **digital transformation**?

A scalable industrial solution

Panorama COM enables you to **acquire real-time data** not only from local devices and **PLCs**, but also from all kinds of **connected objects** via **IoT** networks (LPWAN), as well as capturing **telemetry** data from scattered or isolated remote sites. Once collected, this data originating from a wide variety of sources is transmitted in a centralized and secure manner to higher level processing and storage systems.

Added intelligence from the word go!

Panorama COM **natively** includes a series of functions that facilitate the implementation of applications and help to **enhance the value** of your data:

- ▶ **Auto-discovery** of sites and **automatic configuration** of data acquisition
- ▶ **Seamless handling** of communications equipment and **automatic monitoring** of links
- ▶ **Alerts sent** to on-call staff in the event of any issue
- ▶ **Source time-stamping** of data

Panorama COM is also capable of managing any **redundancies** and the **wide variety** of media (modem fleet, PSTN/IP/GSM/Radio multi-links) found across multiple sites, so that the user is guaranteed to be able to collect data in all circumstances and without any loss of information.

Independent of third-party systems

The Panorama COM **communication front-end** is one of the first gateway-type solutions (client and server functions) to natively integrate the **OPC UA standard**. The use of this protocol allows for a global architecture of **interoperability** between the components of your information system (SCADA, DCS, MES, CMMS, etc.), now a cornerstone for **Industry 4.0** developments.

In order to address **cybersecurity** issues, Panorama COM incorporates a number of the security principles that have enabled the Panorama E2 SCADA system to obtain **First-Level Security Certification (CSPN)** and **ANSSI qualification**: data confidentiality, authentication and authorization of users and applications, etc.



Panorama Studio

Simplify life for your technical teams. Provide them with a single configuration workshop to create and update all your Panorama applications.

By opting for Panorama COM, you will :

- ▶ **Improve the quality** of your data and therefore your ability to take the best decisions
- ▶ **Reduce** your operating and management **costs**
- ▶ **Increase the availability** of your facilities and your quality of service
- ▶ **Improve the working conditions** of your operators
- ▶ **Optimize the performance** of collection and distribution networks



Protocols supported



Cour experts, trainers and support teams are here to assist you throughout your project to enable you to harness the full power of Panorama COM. When you deal with CODRA, you deal with the manufacturer.

Why choose a Panorama Maintenance Contract?

Improvements and new features

Through a Panorama Maintenance Contract (Extended Support and Software Warranty or CMP), you immediately benefit from the latest developments, innovations and hot fixes. Benefits include latest new features developed, natively open to third-party systems, as well as implementation of new communication protocols and support for the latest standards, etc.

Security can't wait

Computer technologies are evolving, hardware is changing and vulnerabilities are emerging all the time. Cybersecurity is a strategic issue not only for operators of Critical National Infrastructures but also for all companies involved with preserving their operational and production assets. Our close collaboration with ANSSI (the French Government's national cyber centre) and key centers of cyber expertise means we are committed to being at the front line in terms of vigilance in this area. By subscribing to a Panorama Maintenance Contract you will benefit from each and every security update for our software.

High-tech and state-of-the-art

In addition to unlimited access to technical support, the Panorama Maintenance Contract is an ideal way to support your hardware and software upgrades. By subscribing to the extended support and warranty, you will be assured of staying at the forefront of key new developments. The very best way to maintain a high level of system availability and safeguard against obsolescence.

To contact support: <https://my.codra.net>

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