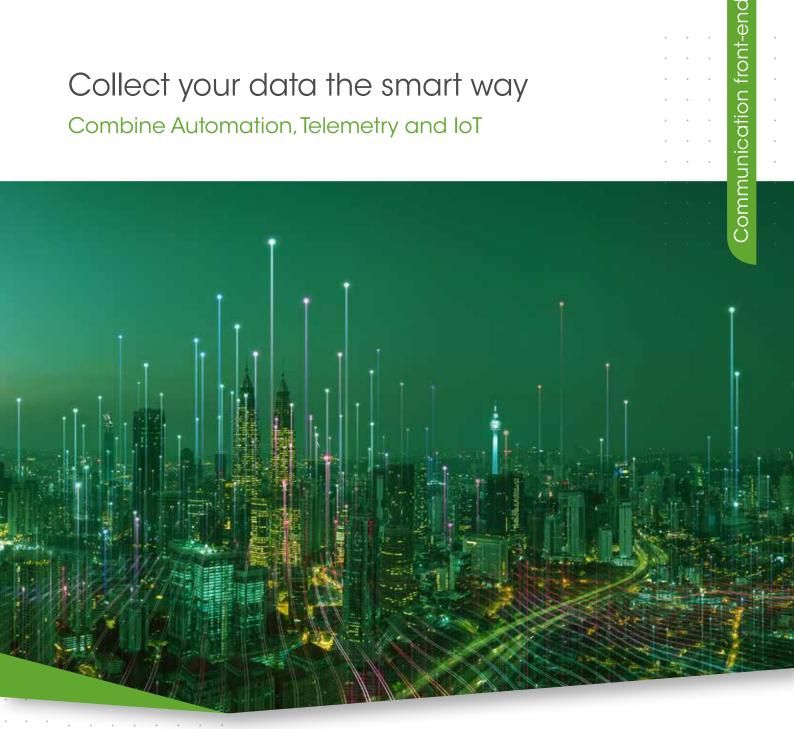
Combine Automation, Telemetry and IoT







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.

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 **SECTORS** Water Industry Building Transport Nuclear **FUNCTIONS** Time schedule Telemetry Com Redundancy **Timestanding** Store & Forward M2M PROTOCOLS Building Industrial Computing Energy **Protocols supported** LACROIX PERAX EPC UA/DA 💓 sigfox 🧠 BACnet



CODRA

Adamson House Towers Business Park Wilmslow Road, Didsbury Manchester M20 2YY - UK Tél. : +44 (0)161 9554200

E-Mail: sales-panorama@codra.fr

Codra.net

The information in this document is provided for information only and is not binding. Codra reserves the right to change this document at any time without warning.

All trademarks are the property of their respective owners.© Codra 2020





