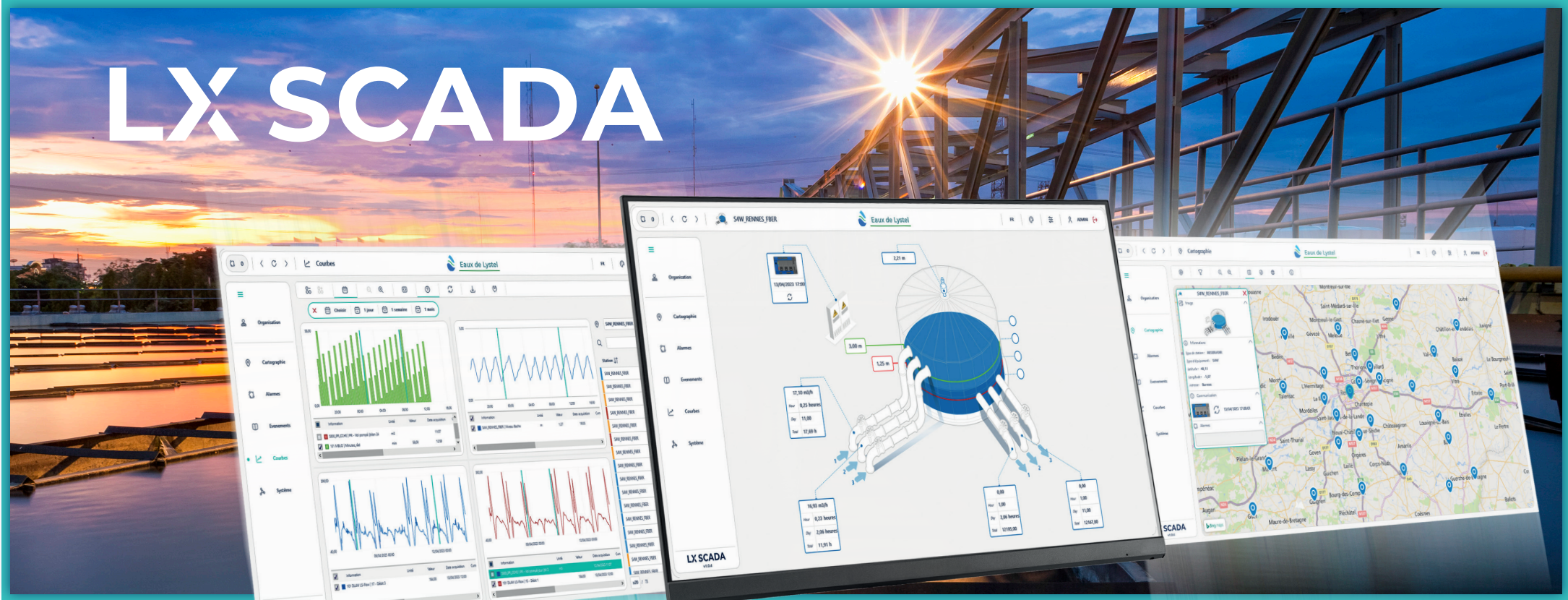# LX SCADA

New LACROIX SCADA application
for water networks monitoring and control
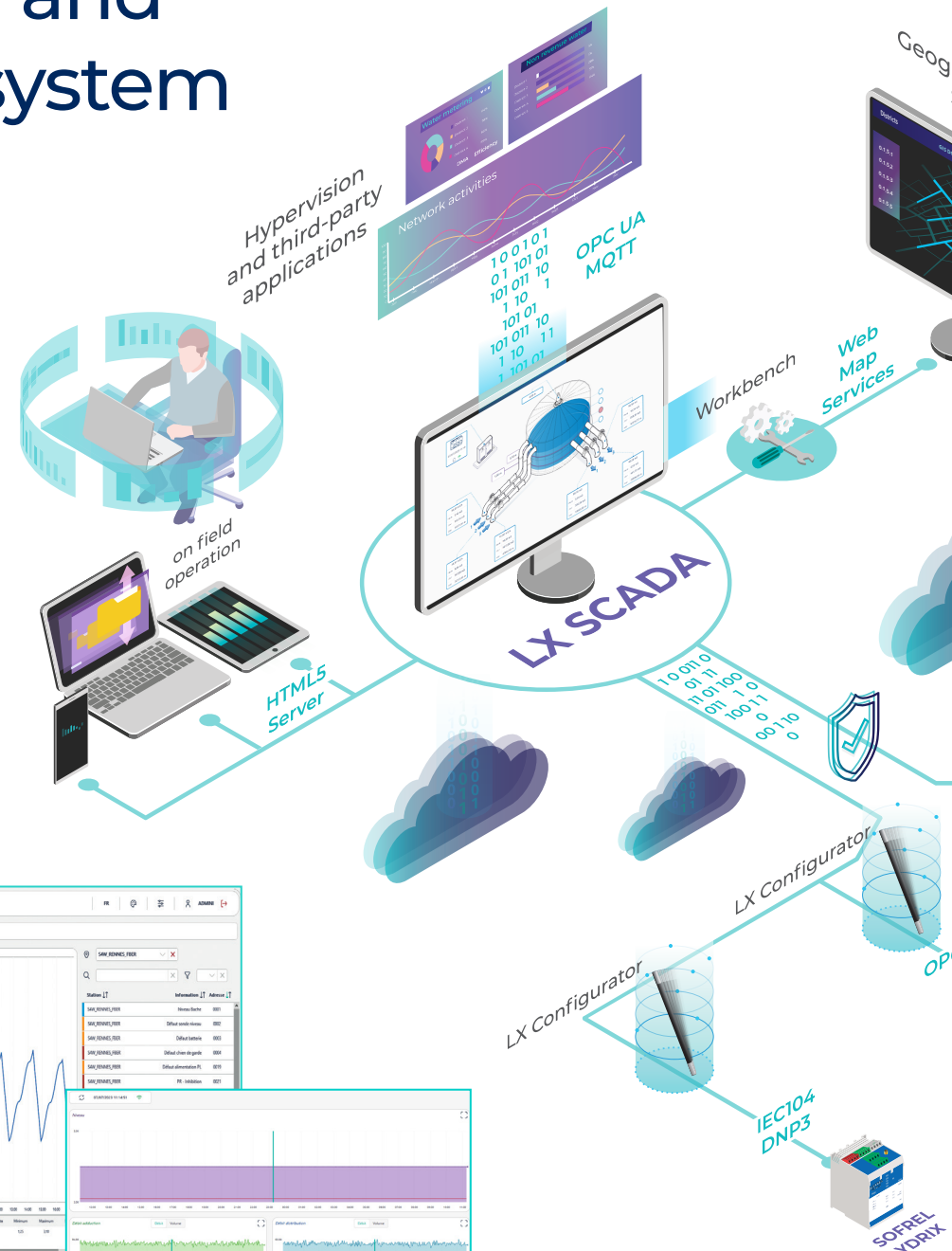

LACROIX

LX SCADA : **full web-based** and **interoperable** supervision system

VISUALIZE AND OPERATE ALL YOUR WATER FACILITIES THANKS TO MAXIMUM VISIBILITY

Based on the Genesis64™ software suite from ICONICS, **LX SCADA** is the ideal supervisor for managing your water network and remotely control your water facilities.
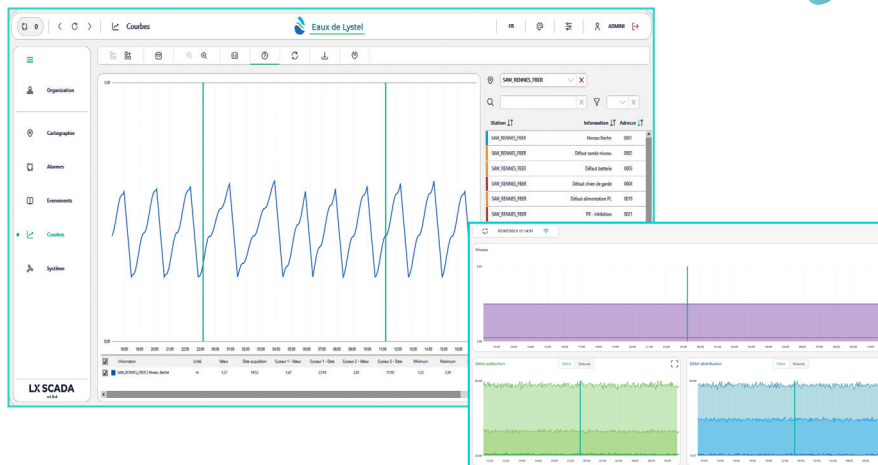Easy to implement with its user-friendly and powerful tools, **LX SCADA** allows you to turn your field data into valuable information.
With **LX SCADA**, you can easily make synoptics and mimic diagrams giving a succinct overview of your facilities, access operational dashboards, and monitor your telemetry data in real-time.

Hypervision and third-party applications

Network activities

Geog...

OPC UA
MQTT

Workbench

Web Map Services

on field operation

LX SCADA

HTML5 Server

LX Configurator

LX Configurator

OP...

IEC104
DNP3

SOFREL YDRIX

The advantages of LX SCADA

- Configuration and data management from from your favourite Web browser
- An open and powerful application, offering a wide range of drivers: OPC UA, WEB Services, MQTT, Modbus, IEC, DNP3
- Integration of a configuration workshop facilitating the management of your SOFREL stations.

An **advanced tool box** enabling you to implement a **cutting-edge SCADA** application

Graphic Information Systems (GIS)
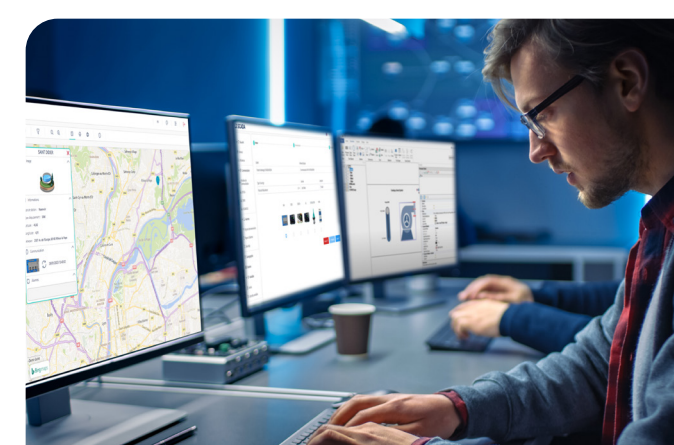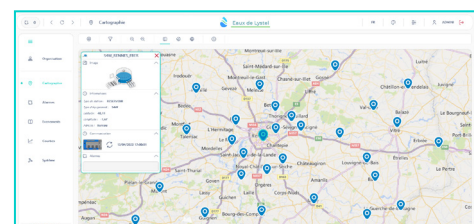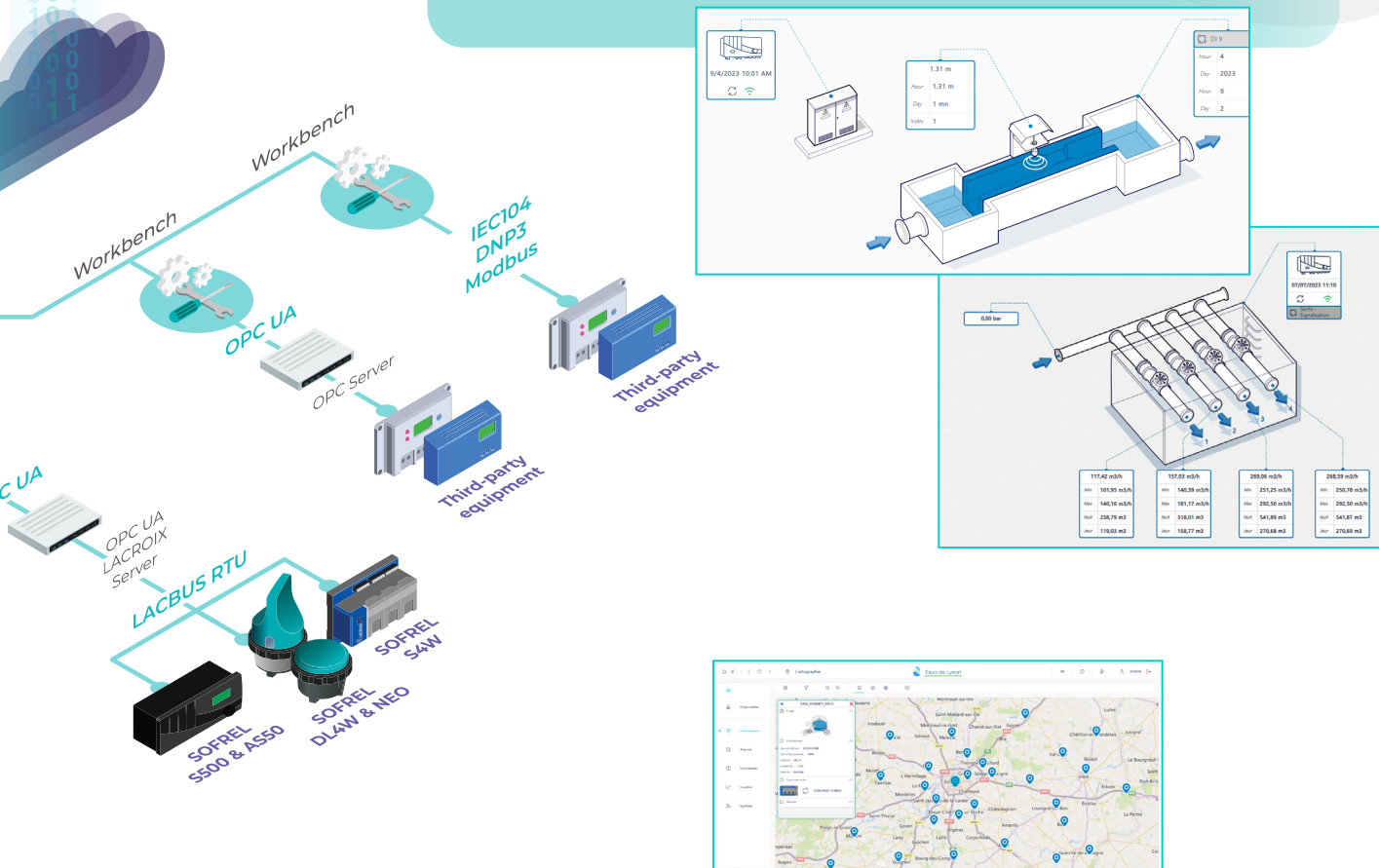
LX Configurator

- **Save time** by instantly creating your **SOFREL stations** and their data models
- Use SOFREL SmartTemplates to **design your facilities** and **automatically** generate their mimic diagrams, dashboards, charts, and key indicators

Workbench

Integrate any **third party equipment** by using the ICONICS Workbench™ and the **wide range of drivers/protocols** available in LX SCADA

GraphWorX™

A complete workshop and a comprehensive **graphic library** enabling you to **create and customize advanced diagrams**

Workbench

Workbench

Workbench

IEC104 DNP3 Modbus

OPC UA

OPC Server

Third-party equipment

Third-party equipment

OPC UA

OPC UA LACROIX Server

LACBUS RTU

SOFREL S4W

SOFREL S500 & AS50

SOFREL DL4W & NEO

Power and flexibility to
manage your water network in real-time

Data management

- Optimize your application's carbon footprint by selecting relevant data to archive in the database
- Share your data with third-party applications

Dynamic Cartography

- Geolocate all your facilities
- Identify faulty or alarm-triggered equipment
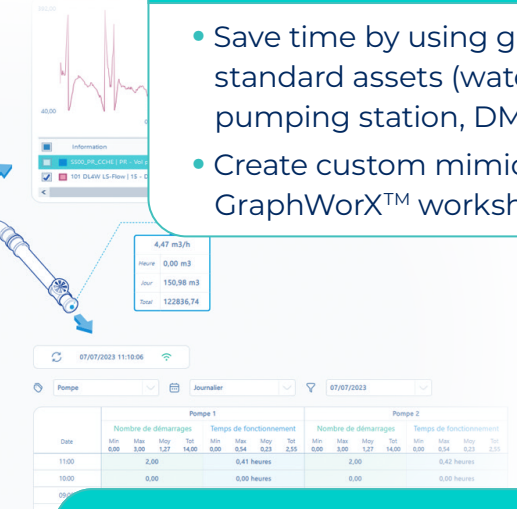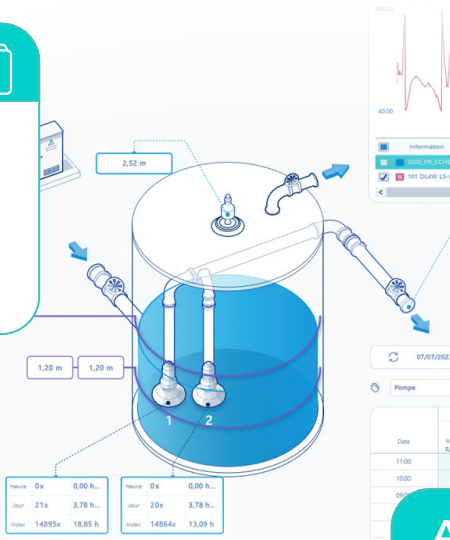- Display your GIS data

Data visualization

- Access predefined dashboards for each of your facilities
- Create curves and histograms for your key data on the fly
- Cross-reference data from multiple stations
- Export your data

Graphical Mimics

- Save time by using graphic templates for standard assets (water tanks, lifting station, pumping station, DMA manholes, etc.)
- Create custom mimics with the ICONICS GraphWorX™ workshop and its visual library

Alarm and on-call management

- Real-time alert of any irregularity / default on the network
- Configuration of multiple call sequences
- Management of on-call duty period

LACROIX

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