

IBS Trade Show, October 14-15, 2026

BACS Decree (Building Automation and Control Systems): LACROIX makes HVAC control and interoperability the levers of building sobriety

- Only 16% of tertiary buildings over 1,000 m² have a compliant, high-performing control system or BMS*.
- HVAC & Smart Lighting performance: at IBS, LACROIX brings together its IoT solutions for building energy remote management (SOFREL B4TH, S4TH, LX Connect, LX Scada) and connected public lighting (Tegis / SensyCity ecosystem).
- Exclusive tool: launch of a BACS-LACROIX Calculator to easily assess a building's compliance and its eligibility for Energy Savings Certificates (CEE).
- Cooling networks: building on its experience with heating networks, LACROIX offers solutions to support the announced tripling of networks by 2030 (PPE3) and manage urban cooling.
- Hardware eco-design: eco-designed enclosures and controllers (rated A/B on the Ecodesign Performance Index) to ensure operational sobriety across their entire life cycle.

Nantes, October 13, 2026 — Amid volatile energy prices and increasingly demanding regulations (Tertiary Decree, BACS Decree), energy efficiency can no longer be handled in silos. At the IBS (Intelligent Building Systems) trade show, LACROIX, a major French technology and industrial mid-cap, reaffirms its commitment to helping building and territory managers achieve measurable sobriety through a unified approach to managing usage (heating, cooling, lighting).

The BACS Decree: inseparable from the Tertiary Decree

The Tertiary Decree sets a progressive reduction in energy consumption (-40% by 2030). To get there, the BACS Decree is its enforcement arm: it mandates the automation and control of buildings' HVAC and electrical installations. With only 16% of tertiary buildings (>1,000 m²) equipped today, this new framework targets an equipment rate of 50% by 2030.

"In buildings, you can only improve what you measure. Connected BMS and automated control are no longer options: they are the compass needed to turn regulatory constraints into energy savings," says Frédéric Knittel, Product Manager, LACROIX Environment.

IBS exclusive: launch of the BACS energy label calculator

To guide project owners, specifiers and installers through compliance, LACROIX is presenting its online BACS energy class calculator in preview at the show.

Available through a secure web portal, this decision-support tool makes it possible to:

- Quickly assess the state of existing HVAC installations.
- Identify the building's energy class under standard NF EN ISO 52120-1 (classes A to D).
- Simulate the improvements needed to reach the top performance classes (A and B).

A complete offer: from HVAC control and heating and cooling networks to Smart Lighting

Through its system of connected solutions, LACROIX demonstrates a global approach to energy efficiency:

- **HVAC regulation & heating and cooling networks:** with the connected SOFREL B4TH controller, LACROIX meets buildings' interoperability requirements (native support for BACnet, Modbus and M-Bus protocols). These technologies also extend to urban cooling networks, an emerging market backed by the PPE3, which aims to triple the number of networks and connected buildings in France by 2030.
- **Smart Lighting:** public lighting accounts for a major share of the electricity bills of local authorities and tertiary campuses. It is now managed dynamically through LACROIX's Tegis ecosystem and SensyCity detection solutions. Adjusting light intensity to actual use delivers substantial energy savings (up to -70%) while improving site security.

An eco-designed approach for more sober enclosures and controllers

For LACROIX, a building's energy efficiency rests on hardware that is itself exemplary. Since 92% of the carbon footprint of its solutions comes from energy consumption during the use phase, LACROIX applies a rigorous eco-design approach across all its hardware and enclosures.

Using an internal 20-criteria assessment grid (sourcing, materials, manufacturing, operational sobriety and end of life), LACROIX designs housings and enclosures that are more compact, more repairable, and fitted with optimized electronic components.

"At LACROIX, eco-design is a measurable, shared performance indicator. It enables our R&D teams to weigh every technical choice so as to deliver sober, useful and durable equipment across its entire life cycle," explains Ronan Tano, EVP Research & Development at LACROIX.

*National Observatory of BACS Systems Deployment – GEMELEC (2025)

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About LACROIX

LACROIX is a French mid-cap technology and industrial group with an international footprint, specializing in the design and manufacture of electronic equipment, as well as the delivery of reliable and secure industrial IoT solutions.

A family-owned, publicly listed company, LACROIX generated €445 million in revenue in 2025. The Group builds on recognized expertise and structures its development around two core business activities: **Electronics** and **Environment**.

Through its **Electronics** activity, LACROIX supports its customers from design to the manufacturing of embedded electronics for their solutions. Leveraging a network of geographically complementary and competitive manufacturing sites, the Group serves a wide range of sectors, including automotive, industry, connected homes and buildings (HBAS), aerospace and defense, and healthcare.

As the industrial backbone of the Group, the Electronics activity ranks among the **Top 50 electronic manufacturing services providers worldwide** and the **Top 10 in Europe**.

Through its **Environment** activity, LACROIX supports public and private stakeholders in optimizing and securing the management of critical infrastructure networks by offering connected and secure solutions and services dedicated to water networks, heating, ventilation and air conditioning (HVAC) systems, energy networks (Smart Grids), and public lighting.

LACROIX pursues a strategy of sustainable long-term growth. The Group focuses its activities on the development of useful and eco-designed technologies aimed at addressing major societal challenges, as part of a resilience-driven approach with a positive impact.