

Auguste Sanctuary

Monitoring as a Service — Powered by XiltriX

A protected space for what matters most. Always watched, never alone.

Behind every sample is something irreplaceable — a patient's chance at a family, years of research, a life's work. Protecting it around the clock takes more than good equipment. It takes a system that is always on, always connected, and always ready to get the right person to act in time.

That is what Auguste Sanctuary is built to do.

One environment. Every sample. Under one continuous watch.

Auguste Sanctuary delivers end-to-end monitoring built on the XiltriX real-time platform — the system that has protected IVF labs, biobanks and hospitals across Europe for decades. It watches every critical parameter in your cryogenic environment: LN₂ levels, temperature, oxygen concentration, door contacts and more. Every sensor is read multiple times per minute — and the moment a value starts drifting toward a limit, the system tightens its measurements to **once per second**. Real-time monitoring in the true sense: not an hourly snapshot like a data logger, but a continuous watch that sees a problem coming before it becomes one.

A traditional data logger records a single number — the temperature inside one freezer, fridge or dewar. **XiltriX watches everything that number depends on.** In the cryo room: the LN₂ supply that keeps your samples cold, the tank and dewar levels, and the power behind every unit and automatic filling. In the IVF lab: the CO₂ and O₂ your embryos develop in, the temperature and humidity inside every incubator, and the air quality of the room itself. One system, no blind spots — because it is rarely the storage unit alone that fails first.

Your equipment connects straight into the system. Auguste's own **CryoCE Medical Family aluminium dewars** are monitored by temperature or by level, so every vessel becomes a live data point. The **AC BIO, AC IVF and AC SYS** freezers — available MDR-certified as medical devices on request — connect directly. And the **CryoFill controller** (MDR Class 2a) does both jobs at once: it regulates the liquid-nitrogen level in your tanks and reports it live into the system.

Everything feeds one environment. Your liquid-nitrogen storage and your mechanical freezers are watched side by side — from a single room to a full cryobank.

When something goes wrong, someone always acts

The moment a reading drifts out of range, the system notifies the right person — by SMS, email or telephone. If they don't respond, it automatically cascades to the next contact, and the next, working through your escalation list until someone acknowledges.

And if no one on your team does, the watch does not stop. XiltriX's trained staff are on duty around the clock to pick up, follow up and escalate until the alarm is resolved. Every alarm delivery is continuously verified, every reading securely logged, and all of it accessible through a dedicated web interface.

This is the human safety net behind the technology — the difference between a missed alert and a sample saved.

Built for smaller labs — even a handful of sensors

Premium monitoring used to be out of reach for small labs. A single IVF clinic, a young biobank or a research group often needs only a handful of sensors — and until now, protecting them meant paying for a dedicated monitoring server, with recurring costs that simply didn't add up at that scale. So many small labs went without, and trusted their most valuable samples to manual checks and luck.

Auguste Sanctuary removes that barrier. Because your environment runs on a shared, centrally managed server, the cost of enterprise-grade monitoring is spread — so **even a few sensors get the same XiltriX reliability the largest cryobanks depend on**. You pay in proportion to what you connect, onboarding takes days rather than weeks, and you can start small and grow one sensor at a time.

Not every lab can run its own monitoring server, and not every lab should have to. Smaller installations get their own dedicated, fully isolated environment on the **Auguste Cryogenics Germany server** — our own secure, XiltriX-powered cloud. Your data is yours, walled off from every other site. Your lab's own protected space.

What stays, what goes: the sensors and on-site data-acquisition hardware remain part of your installation — that is what makes monitoring possible. What you no longer host, maintain or staff is the monitoring server and the IT around it. We run that for you, securely and around the clock.

- **Hosted in Europe.** Running on secure AWS infrastructure in Europe, managed end-to-end by the XiltriX service team — updates, security patches, hourly verified backups and disaster recovery included.
- **Audit-ready by design.** ISO 9001 and ISO 27001 certified hosting, with continuous verification that every alarm is delivered. Need your own independent audit trail and logs? You can move to a dedicated environment at any time — a clear, built-in upgrade path as you grow.
- **No IT team needed.** No server room, no patching, no on-call IT. You focus on your science; we keep watch.
- **One point of contact.** Auguste Cryogenics is your partner for the whole solution — hardware, integration, server and service — backed by the XiltriX platform and its 24/7 service team.

Why Auguste Sanctuary

Your storage, their monitoring, one integrated solution. Auguste's own cryogenic storage hardware — the CryoCE Medical Family dewars and the AC BIO, AC IVF and AC SYS freezers — combined with XiltriX's proven monitoring technology and sensors, brought together and supported as one. Fewer vendors, fewer blind spots, one accountable partner.

A human safety net. Technology that never sleeps, backed by people who act. Around the clock.

Built to grow with you. From a single IVF lab to a full-scale cryobank — the same reliability, with a clear path to your own dedicated server whenever you need it.

Auguste Sanctuary — your samples, in our care. Always watched, never alone.