

Hospitals & healthcare systems

Safe care. Continuous operations. Built for GxP where it matters.

XILTRIX | Nothing left to chance.



1. Pharmacy GDP GPP	2. Wards & patients Safe care Quality	3. Labs & pathology ISO 15189 GxP	4. Blood, tissue & cells EU SoHO GMP	5. Facilities Resilience	6. Research & education Clinical trials
- Medication storage - Receiving & intake - Compounding - Controlled drug cabinets	- Patient care environments - Medication rooms - Temperature-sensitive meds - Isolation & critical care	- Clinical laboratories - Pathology & diagnostics - Sample storage - Research labs (academic)	- Blood & tissue banks - Cell therapy & transplant - Ultra-low freezers (-80°C) - LN₂ storage with auto-fill	- HVAC & cleanrooms - Critical building systems - Power, UPS & generators - Water, CO₂, medical gases	- Clinical trials & research - University medical centres - Biobanks & cohorts - Innovation & education

Key processes	- Receiving & intake - Medication storage - Compounding - Controlled drug management	- Patient treatment & care - Ward & ICU operations - Operating rooms - Infection control	- Sample processing & analysis - Diagnostics & pathology - Quality control - Research & clinical trials	- Blood & tissue processing - Cell therapy handling - LN₂ auto-fill & supply - Chain of custody	- Building systems monitoring - Preventive maintenance - Incident management - Continuity of operations	- Research projects - Clinical trial operations - Sample storage & follow-up - Education & innovation
Locations	- Hospital pharmacies - Receiving areas - Medication storage rooms - Satellite pharmacies	- Patient wards - ICU & isolation rooms - Operating rooms - Outpatient clinics	- Clinical laboratories - Pathology departments - Research labs - Point-of-care testing areas	- Blood banks - Tissue banks - Transplant & cell therapy units - Cryogenic storage facilities	- Technical rooms - HVAC & cleanrooms - Data centres - Utility rooms	- Academic medical centres - Research institutes - Clinical trial units - Teaching labs
Assets to monitor	- Medication fridges/freezers - Controlled drug cabinets - Compounding equipment - Pharmacy storage rooms	- Ward fridges & carts - Patient room environments - OR equipment - Warming cabinets	- Lab fridges/freezers - Automated analysers - Incubators (CO₂/O₂) - Sample storage freezers	- Blood fridges (2-8°C) - Platelet agitators - Ultra-low freezers (≤ -80°C) - LN₂ tanks & auto-fill supply	- HVAC systems & cleanrooms - Medical gases (O₂, CO₂, N₂) - Power, UPS & generators - Water systems & boilers	- Research freezers - Incubators & bioreactors - Environmental rooms - Research equipment
Environmental parameters	- Temperature - Humidity - Door status - Power status	- Temperature - Humidity - CO₂ / air quality - Differential pressure	- Temperature - Humidity - CO₂ / O₂ - Particles & room pressure	- Temperature (to -196°C) - LN₂ level, pressure, fills - Door status - Power status	- Temperature & humidity - CO₂ / differential pressure - Medical gas pressure - Water & power status	- Temperature - Humidity - CO₂ / O₂ - Room T/RH/pressure
Compliance & standards	GDP GPP - Local pharmacy regulations - Medication safety - Audit & traceability	Hospital accreditation (JCI) - Patient safety standards - Infection control - Audit & documentation	ISO 15189 - GxP (where applicable) - Audit trail & data integrity - Quality management system	EU SoHO regulation - GMP (cells, tissues, ATMPs) - Traceability & custody - Audit & reporting	Building & facility regulations - ISO 14644 cleanrooms - Medical gas standards - Business continuity	GCP (clinical trials) - GMP (research/facility) - Institutional requirements - Audit & data integrity
XILTRIX value	- Medication early warning - Real-time monitoring & alerts - Pharmacy link via REST API - Audit-ready evidence	- Safer patient environments - Early warning & intervention - Fewer incidents & downtime - Supports compliance & audits	- Reliable lab operations - Early warning for samples - LIMS link via REST API - Audit-ready documentation	- Auto-fill: level & pressure - Closed valves flagged early - Chain of custody - SoHO & GMP support	- Operational resilience - Maintenance planning - Full facilities visibility - Lower risk of critical failures	- Supports research continuity - Early warning for samples - Audit-ready data for trials - Supports long-term studies

Beyond monitoring	IT expertise In-house IT know-how: SSO with Active Directory, ISO 27001, full encryption, REST API to LIMS, BMS and EMS.	Consultancy & validation Risk inventory, URS and validation support (IQ/OQ), from design to inspection.	Visualisation, built in Zoomable floor plans and live dashboards on any device; wall screens built into your lab. 
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Proven since 1987 No customer has lost irreplaceable material because our monitoring failed	24/7 technical support Monitoring chain watched around the clock; alarms escalate to your own on-call team	Built for GxP where it matters GDP GPP ISO 15189 EU SoHO JCI: validated monitoring, audit-ready
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