

RISK SURVEILLANCE ASSURANCE · HEALTH SYSTEMS & HOSPITALS

Building Controls Assurance for Health Systems

Independent, measured evidence that the building controls protecting your patients, staff and visitors held up as intended, across every campus.

THE SHORT VERSION

Your programs are strong. The evidence behind the building is often the weak link.

Health systems invest heavily in infection prevention, quality and patient safety. Those programs depend on a physical environment that facilities teams keep in balance every day: air handling and pressure relationships, water systems, moisture control, and containment during construction.

When one of those controls drifts, the first signs are small and easy to miss. Most organizations find out after the fact, through an event, a survey finding or a stop-work order. And because the evidence lives in different places on different campuses, it's hard for leaders to see the whole picture or show that a deviation was truly closed.

pürtec's Risk Surveillance Assurance engagement (RSA) closes that gap. We measure the building controls your program relies on, verify how deviations are found and closed, and hand your teams one consistent, survey-ready body of evidence they own.

What RSA is, and isn't. RSA is a facilities instrument. It sits alongside your infection prevention program and your EHR, needs no patient data, and makes no clinical, infection-rate or patient-outcome claims. It doesn't replace the experts on your campuses. It gives them better evidence.

WHY IT MATTERS NOW

Three pressures most health systems share

Risk shows up late

Moisture, mold, water stagnation and pressure loss tend to surface as a shutdown, a remediation project or a survey finding, after people have already been exposed to the conditions.

Evidence is uneven across sites

Each campus documents environmental controls its own way. Leaders and boards get assurance that is hard to compare and harder to defend.

Teams are stretched

Quality and infection prevention teams already carry heavy audit and observation work, especially during and after a major systems transition.

The bar is rising

Accreditation and federal expectations increasingly ask organizations to show that the physical environment is managed, monitored and verified, not just documented.

WHERE WE FOCUS

The building controls your program depends on

Area	What we look at	Why it matters to your teams
Construction and ICRA containment	Barriers, negative pressure, dust and debris control, and how containment holds over the life of a project	Measured proof that protective measures worked, with every deviation recorded through to closure
Moisture and mold	Moisture intrusion, humidity, and conditions that favor microbial growth in occupied and support spaces	Earlier detection, before conditions become a remediation project or a reason to stop work
Water management	Whether the water management program works as written: temperatures, stagnation, disinfectant residuals and verification	Independent verification of a program CMS and accreditation surveys expect to see working
Air handling and pressure	Air changes, filtration and pressure relationships in protective and isolation environments, operating rooms and sterile areas	Confidence that critical spaces are holding the conditions they were designed for
Thermal and mechanical integrity	Temperature and humidity stability, and the equipment and backup systems behind them	Seeing equipment and heat risk as risk to people, not just maintenance tickets
Response and verification	How a deviation is detected, escalated, corrected and confirmed closed	A complete, defensible loop that feeds the governance path you already have

WHAT IT MEANS FOR YOUR LEADERS

One engagement, value for each team at the table

Quality, patient safety and infection prevention

Objective environmental evidence for your committees and board, earlier warning on construction and moisture risk, and less manual observation and audit work for your team.

Facilities and engineering

Independent confirmation that systems are performing, clear priorities for what to fix first, and documentation that stands up in front of surveyors.

Executive leadership and the board

A consistent, comparable view of environmental risk across every campus, and confidence that issues are found and closed, not just reported.

Risk management

Measured evidence of building condition to inform remediation and capital decisions, and to support conversations with insurers and brokers.

WHAT YOU RECEIVE

Findings your teams can act on, and a record that holds up

Measured findings

On-site measurement and sampling across the controls in scope, analyzed through accredited laboratories with full chain of custody, and interpreted by our specialists.

Deviation and closure record

Every deviation found during the engagement, how it was escalated and corrected, and evidence that it was verified closed.

Prioritized remediation plan

Where the risk sits, what to address first, and how each item connects to condition and capital planning decisions.

Survey-ready evidence file

Findings organized against the requirements surveyors review, owned by your program leaders and ready to carry into your next survey.

Where it makes sense, engagements can continue through our EQi360 platform, giving your teams continuous visibility so the evidence keeps building after the initial work is done.

HOW WE WORK

A disciplined, evidence-first process

01

Define and measure

Agree the controls in scope and the criteria that matter, then measure and sample on site with minimal disruption to care.

02

Analyze and challenge

Accredited laboratory analysis, independent review of the results, and testing of how deviations are handled in practice.

03

Verify and hand over

Confirm what was corrected, deliver the evidence file and plan, and brief your committees and leadership.

WHO WE ARE

Specialists in the space between the clinic and the building

pūrtec brings together deeply experienced specialists in environmental and occupational health science, environmental microbiology, regulatory strategy, engineering validation and data engineering. We work as one accountable team, and pūrtec is responsible for every engagement from first conversation to final report.

GETTING STARTED

It starts with a working conversation, not a contract

01 A working session Quality, infection prevention and facilities leaders walk us through how construction and environmental controls are tracked today. About an hour, no preparation required.	02 Choose a starting point Together we pick one campus and one area of building controls where better evidence would matter most.	03 A short scope memo We put the criteria, measures of success and data needs in writing, so you can decide whether to go further.
---	--	---

pūrtec · EQi360@purtec.com · purtec.com
pūrtec Inc. · 2311 Wilson Blvd, Arlington, VA 22201

This overview is provided for discussion only. RSA is a facilities instrument. It does not grant, predict or guarantee accreditation or survey outcomes, and it makes no claims about infection rates or patient outcomes. pūrtec is not affiliated with or endorsed by The Joint Commission, CMS or any regulator. Engagement scope is agreed in writing before work begins.