



ARCHITECTS OF INTELLIGENT INFRASTRUCTURE

PRISM

RISK BASED INSPECTION — PLANNING — OPERATIONAL VISIBILITY — MAPPING — GOVERNANCE & OVERSIGHT

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PREMISES RISK INSPECTION SAFETY MANAGEMENT

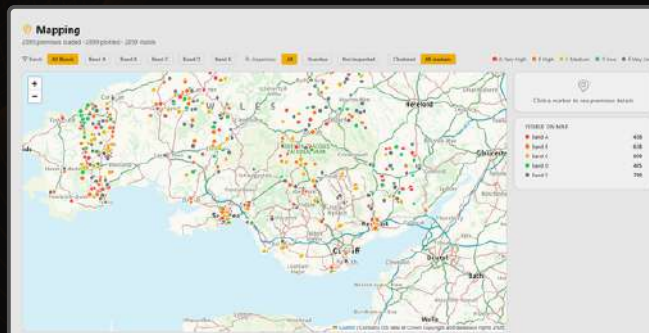
A risk-based inspection programme services can evidence and defend



BUILT FOR UK FIRE & RESCUE SERVICES OPERATING UNDER THE REGULATORY REFORM (FIRE SAFETY) ORDER 2005

The Risk Is Real

Fire and Rescue Authorities have a statutory duty to inspect regulated premises and evidence that inspections are delivered fairly and systematically. For many services, this is difficult when premises data, inspection history, and risk information sit across separate systems or local records.



The Problem Is Structural

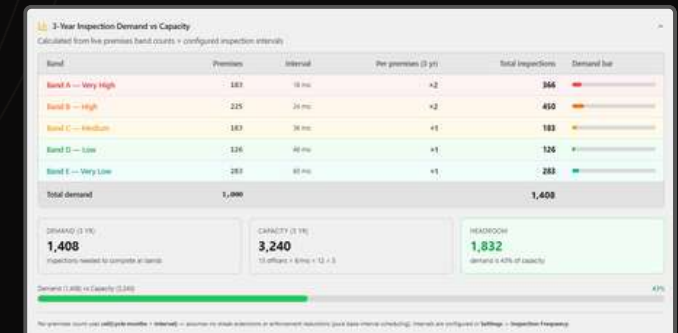
The issue is not a lack of effort. It is often a lack of connected infrastructure. Officers may be working from spreadsheets, legacy databases, local notes, or separate systems, making it harder to see where risk is changing, what is overdue, and what needs attention next.

OCCUPANCY GROUP	TOTAL	BAND A/B	OVERDUE	NEVER INSPECTED	COVERAGE	AVG COMPLIANCE
A — A — Dependent occupiers & complex evacuation	668	506	243	179	72%	No audits
B — B — Residential sleeping risk	728	456	200	202	72%	No audits
C — C — Commercial / temporary sleeping risk	173	0	25	50	71%	No audits
D — D — Public assembly & complex evacuation	262	0	23	114	56%	No audits
E — E — Environmental risk	274	104	37	108	81%	No audits
F — F — National, heritage, community or economic loss	794	0	26	437	85%	No audits

OCCUPANCY GROUP	Very High	High	Medium	Low	Very Low	Total
A	215	188	29	133		668
B	140	348	242			728
C			126	47		173
D			140		114	262
E		104	64		106	274
F				225	569	794
Total	458	638	609	405	789	2899

PRISM Changes This

PRISM is a purpose-built inspection management platform that helps services identify which premises to inspect, when to inspect them, and why. It brings live data, risk scoring, mapping, planning, and audit evidence together, supporting a more consistent, risk-led, and defensible inspection programme.



Without PRISM: Decisions rely on fragmented records and retrospective explanation.
With PRISM: Decisions are risk-led, evidence-based, and easier to defend.

THE CHALLENGE EVERY SERVICE FACES

The gap between inspection risk, available evidence, and operational capacity is difficult to manage



Fragmented Data

Premises information is often spread across disconnected systems, spreadsheets, legacy databases, paper files, and local knowledge. This makes it difficult to maintain a single, current view of risk status, inspection history, ownership, and follow-up activity.

Key problems:

- No live view of the full premises estate by risk
- External agency data not connected to risk scoring
- Limited mapping of premises by risk, location, or priority

Limited Risk Prioritisation

Without a structured risk engine, inspection priorities can be shaped by geography, familiarity, local practice, or manager instruction. This makes it harder to ensure high-risk, overdue, or never-inspected premises are consistently identified and prioritised.

Key problems:

- No consistent way to identify high-risk premises that have never been inspected
- Overdue inspections may only become visible once already in breach
- Limited capacity planning to match workload with available officers

Difficult to Defend Decisions

When a premises suffers a fire, or when HMICFRS reviews the inspection programme, the service must be able to explain why each premises was, or was not, inspected. Without a structured system, that explanation can depend too heavily on manual records, local knowledge, or retrospective reconstruction.

Key problems:

- Limited audit trail of changes to premises records
- No clear rationale for inspection frequency decisions
- Limited risk trend scoring available

Without PRISM: Services rely on fragmented data, local knowledge, and retrospective explanation.
With PRISM: Risk, capacity, inspection history, and evidence are visible in one structured system.

HOW PRISM WORKS

A live system that scores premises, schedules inspections, and records key decisions



The Risk Engine

At the heart of PRISM is a dynamic risk scoring model that calculates a weighted score for every premises in the estate. The score updates when new information is added, helping teams work from a current view of risk rather than relying on a fixed annual review.

Score components include:

- Occupancy type and use, including sleeping risk, vulnerable users, high occupancy, and high-rise premises
- Physical characteristics such as construction, compartmentation, and external wall systems
- Hazards, fire protection measures, and mitigations on site
- Last inspection outcome and compliance score
- External agency ratings, including Food Standards Agency, CQC, and CIW data

Risk Bands and Inspection Intervals

Each premises sits within a risk band based on its occupancy type and use, with the baseline interval set by the service. The risk score does not move a premises between bands. Instead, it adjusts the inspection timing within that band.

Higher scores bring the next inspection forward. Strong compliance history and effective mitigations can move it further out.

Band	Label	Baseline Interval
A	Very High	18 months
B	High	24 months
C	Medium	36 months
D	Low	48 months
E	Very Low	No schedule

Without PRISM: Inspection schedules rely on fixed intervals, manual judgement, and retrospective explanation.
With PRISM: Inspection timing is risk-led, current, and supported by a clear record of why each premises is due.

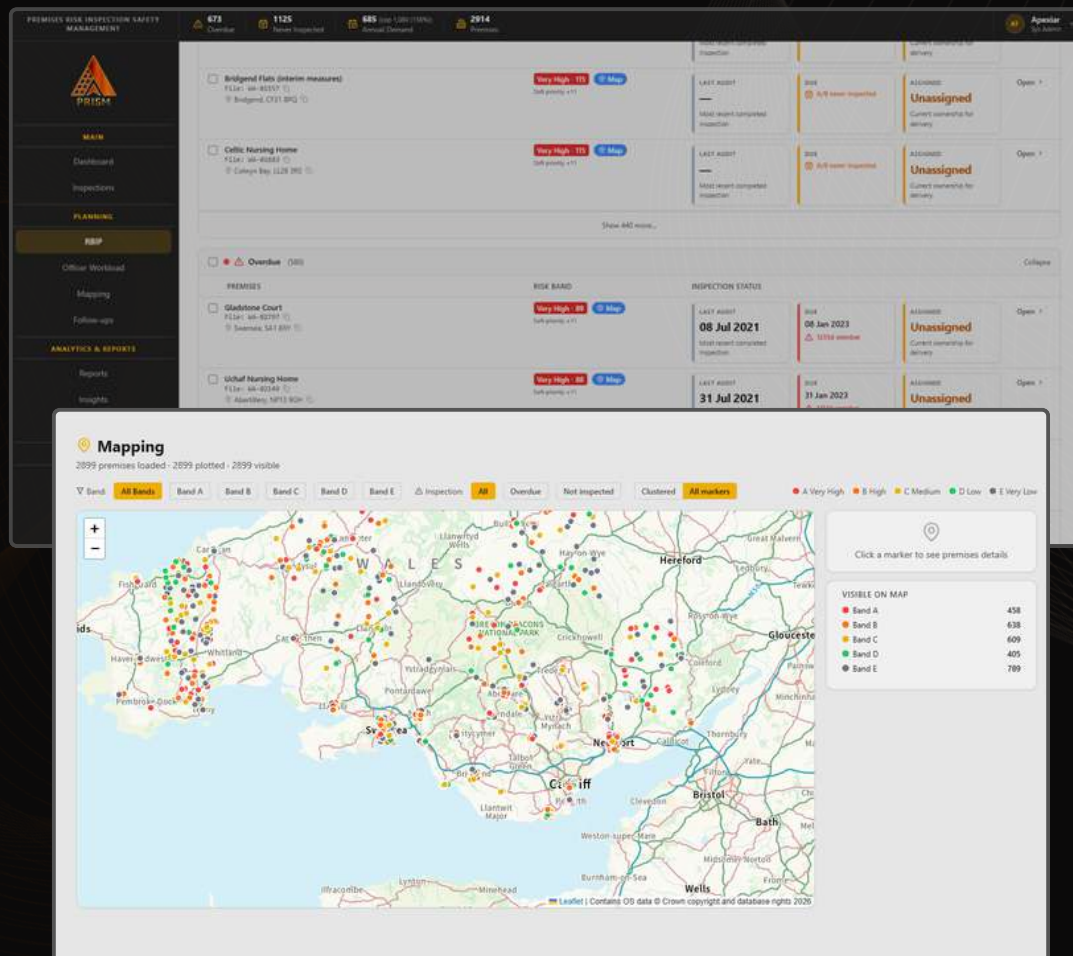
PRISM PORTAL

A connected view of premises risk, inspection demand, and programme delivery



Supporting the Operational Decision Cycle

PRISM supports the full inspection programme lifecycle, from premises visibility and risk scoring through to inspection planning, completion, and follow-up. It gives teams a live view of what needs attention, what is overdue, and how activity is progressing across the service.



Live Premises Intelligence

Dashboards show premises risk, overdue work, inspection status, ownership, and programme demand. Users can review risk bands, due dates, inspection history, and changes in premises information to understand where attention is needed.

Risk-Led Inspection Planning

PRISM helps teams prioritise inspection activity using risk, due dates, and available programme information. Users can identify high-risk, overdue, never-inspected, and unassigned premises, supporting clearer and more accountable planning decisions.

Integrated Inspection Data Capture

Inspection outcomes, compliance levels, responsible person details, Companies House links, and follow-up requirements can be captured directly in PRISM. This keeps inspection records current, structured, and connected to the wider premises profile.

Ongoing Monitoring

Dashboards, reports, workload views, and audit logs help teams monitor inspection progress, capacity, and changing risk over time. This allows services to adjust priorities, track delivery, and maintain confidence in the inspection programme.

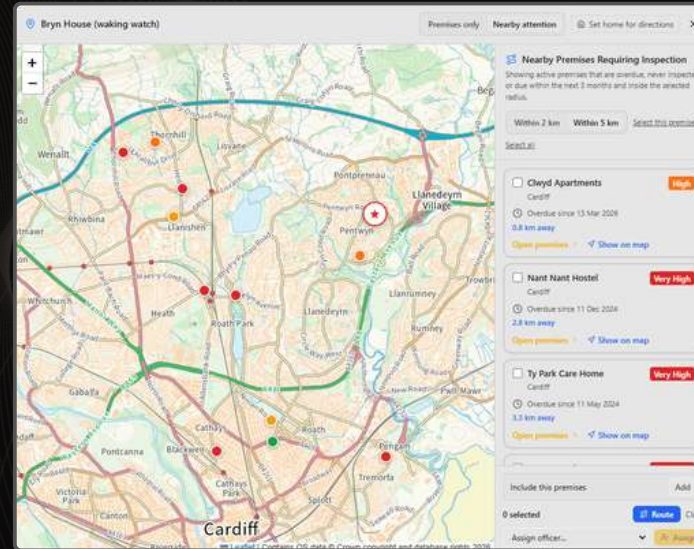
INSPECTING OFFICERS

Giving officers the information they need to inspect with purpose



Managing Protection Activity

Protection teams work across complex premises registers, varied occupancy types, changing risk profiles, and limited inspection capacity. As demand increases, it becomes harder to maintain visibility, consistency, and timely inspection decisions across the full premises estate. Without a clear, risk-led view, officers can spend valuable time deciding what to inspect next, checking local records, or working from incomplete premises information.



OCCUPANCY GROUP	TOTAL	BAND A/B	OVERDUE	NEVER INSPECTED	COVERAGE	AVG COMPLIANCE
A – A – Dependent occupiers & complex evacuation	668	506	243	179	72%	No audits
B – B – Residential sleeping risk	728	496	260	202	72%	No audits
C – C – Commercial / temporary sleeping risk	173	0	29	30	71%	No audits
D – D – Public assembly & complex evacuation	262	0	23	114	56%	No audits
E – E – Environmental risk	274	104	37	108	81%	No audits
National, heritage, community or historic loss	794	0	26	427	45%	No audits

Group	Very High	High	Medium	Low	Very Low	Total
A	318	188	29	133		668
B	140	346	242			728
C			126	47		173
D			148		114	262
E			104	84	106	274
Total	458	638	609	405	289	2899

☐ Tudor University Halls F110; WH-88879 Mountain Ash CF43 3LN	☐ Mass Grille F110; WH-88879 Portsmouth NP23 3YX	☐ Clarence Newsagent F110; WH-88879 Eden Vale NP23 3YX	☐ Royal Industrial Estate F110; WH-88879 Bury CF82 6TW	☐ Arfon Apartments F110; WH-88879 Llanfyllter, LL20 4YX
LAST AUDIT 07 Aug 2024 Most recent completed inspection	LAST AUDIT 15 Aug 2023 Most recent completed inspection	LAST AUDIT 26 Oct 2023 Most recent completed inspection	LAST AUDIT 29 Nov 2023 Most recent completed inspection	LAST AUDIT 29 Nov 2023 Most recent completed inspection
DUO 07 Jan 2029 Monthly coverage info...	DUO 15 Apr 2030 Monthly coverage info...	DUO 26 Apr 2030 Monthly coverage info...	DUO 28 Aug 2026 Due in 364	DUO 28 Aug 2026 Due in 364
ASSIGNED Unassigned Current ownership for security	ASSIGNED Unassigned Current ownership for security	ASSIGNED Unassigned Current ownership for security	ASSIGNED Unassigned Current ownership for security	ASSIGNED Unassigned Current ownership for security

Clarity of Purpose

PRISM helps officers understand which premises need attention, why they have been prioritised, and what information is already known before arrival. At login, officers can see risk-ranked work, due inspections, overdue premises, and changes in premises information, helping them plan inspection activity with greater confidence.

What Officers Gain

- A risk-ranked task list updated as information changes
- Map view of premises by risk band and location
- Full premises history before inspection
- Previous inspection outcomes and compliance position
- Clearer view of risk trends and follow-up requirements

FOR MANAGERS AND SENIOR LEADERS

Live operational oversight, proactive escalation, and target-driven analytics



Live Operational Picture

PRISM gives managers a current view of inspection demand, team workload, overdue activity, and where risk is concentrated. Instead of chasing updates or building manual reports, teams can see who is assigned to what, what needs attention, and where programme pressure is increasing.

What managers gain:

- Team workload view with overdue alerts
- Risk distribution across the premises estate
- Bulk assignment and scheduling tools
- Escalation notifications when thresholds are breached

Insight and Reporting

PRISM provides reporting across risk bands, inspection progress, officer activity, overdue work, and never-inspected premises. Reports can support internal performance reviews, HMICFRS preparation, service planning, and management briefings without relying on manual data extraction.

Key reporting capabilities:

- Risk band distribution over time
- Inspection completion rates by officer, team, and service
- Never-inspected premises by risk band
- Overdue tracking against programme targets

Assurance for HMICFRS

When inspection activity is reviewed, services need to show how premises risk is understood, prioritised, inspected, and evidenced. PRISM keeps the rationale, history, risk score, inspection status, and audit trail in one place, helping services explain how the programme is being delivered.

What assurance looks like:

- Searchable premises register with live risk scores
- Documented inspection programme and rationale
- Evidence of systematic treatment of high-risk premises
- Audit log of key decisions, changes, and actions

Without PRISM: Programme oversight depends on manual updates, separate reports, and local knowledge.

With PRISM: Inspection activity is visible, prioritised, and supported by a clear evidence trail.



ARCHITECTS OF INTELLIGENT INFRASTRUCTURE

PRISM is designed for Fire and Rescue Services managing complex protection activity, where premises visibility, inspection assurance, and sound governance matter.

By combining live premises intelligence, structured risk scoring, mapping, planning, and digital inspection management, PRISM turns fragmented records into a clear, trusted picture of inspection demand, premises risk, and programme delivery.

This helps services plan inspections earlier, focus activity where risk is greatest, and strengthen confidence that inspection decisions are proportionate, evidence-based, and defensible under scrutiny.

Built to support protection teams.

Designed for inspection assurance.

FOCUSED ON REDUCING RISK AND HELPING KEEP COMMUNITIES AND FIREFIGHTERS SAFE.

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