



BlumApp for Healthcare

Critical-event and workforce orchestration for connected care environments

UNITE challenge: Digital Innovation to battle the health workforce crisis

100+

active sites

360+

system integrations

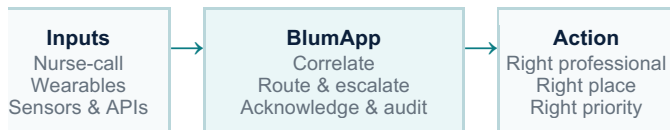
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mission-critical focus

• The healthcare problem

Critical events are fragmented. Nurse-call, wearables, fall-detection, localisation, telephony and other systems often operate in separate silos. Staff may receive alerts without enough context, ownership or escalation logic - increasing workload and slowing response.

• What BlumApp does



• Core capabilities

- **Event orchestration** - Centralise alarms and trigger configurable workflows, routing and escalation.
- **Context & localisation** - Attach indoor/outdoor location and relevant event context to each alert.
- **Vendor-neutral integration** - Connect existing devices, systems, APIs, BLE, GPS, SIP/VoIP and IoT infrastructure.
- **Staff response workflows** - Support acknowledgement, ownership, escalation, notification and handover.
- **Audit & operational insight** - Trace events, actions and responses to support quality improvement and KPI analysis.

• What Blumit brings to the consortium

Pilot-ready technology

Existing orchestration platform ready for healthcare validation.

Integration experience

Real-world deployment across heterogeneous devices and systems.

Open architecture

Vendor-neutral approach designed to complement existing infrastructure.

UNITE collaboration proposal

Objective. Co-design and validate a healthcare workflow that reduces alarm fragmentation, staff workload and response delays by connecting critical events, contextual information and staff workflows in one orchestration layer.

Potential pilot. Integrate selected nurse-call / wearable / fall-detection / localisation sources in a real care setting; configure escalation and acknowledgement logic; measure operational outcomes before and after deployment.

KPIs to validate

- Response time
- Alarm acknowledgement / ownership
- Escalation efficiency
- Staff interruptions and manual steps
- Traceability and workflow compliance

Looking for UNITE partners

Healthcare end-user: hospital, clinic or senior-care organisation

Research partner: health systems, workflow, UX, cybersecurity or data

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