

AIREZ QUEUE™

Patient Flow Intelligence for Healthcare

KNOW WHEN THE WAIT IS BUILDING.

Understand patient flow and congestion without needing to identify the patient.

AIREZ QUEUE™ combines privacy-conscious camera analytics with the AIREZ Physical Intelligence Layer™ to help operations teams recognize when arrivals begin exceeding throughput.



THE PROBLEM

Demand can change quickly. Emergency departments, registration desks, clinics and pharmacies can become congested before teams recognize a growing backlog.

Are people moving through the process—or is the wait getting longer?

THE AIREZ APPROACH

Supported cameras and analytics measure entry and progression across configured virtual boundaries. When configured thresholds are reached, AIREZ can create an operational event and notify appropriate personnel for review.



UNDERSTAND THE FLOW. NOT THE IDENTITY.

QUEUE can be designed around anonymous counting and aggregate movement—not individual patient identification.



AIREZ supports operational awareness. Healthcare professionals retain responsibility for care and clinical priority.



airez

AIREZ QUEUE™

Patient Flow Intelligence for Healthcare

TURN MOVEMENT INTO OPERATIONAL AWARENESS.

A headcount is a snapshot. Movement reveals whether congestion is easing or building.

SEE THE FLOW



ARRIVAL



WAITING



REGISTRATION



SERVICE/TREATMENT

Supported analytics can measure movement across configured areas.

MEASURE WHAT IS CHANGING

Depending on the deployment:



People entering



People progressing



Current area occupancy



Rate of accumulation



Changes in flow over time



Configured threshold events

APPLY IT ACROSS HEALTHCARE



EMERGENCY DEPARTMENT

Waiting-area demand and progression.



REGISTRATION

Arrivals versus processing throughput.



OUTPATIENT CLINICS

Utilization and changing service demand.



PHARMACY

Accumulation against configured thresholds.



LABS & DIAGNOSTICS

Flow through waiting and service areas.

FROM THRESHOLD TO HUMAN REVIEW

Illustrative organization-defined thresholds:



NORMAL

Flow within expected parameters.



BUILDING

Arrivals exceed progression.



ATTENTION

A configured threshold is reached.



REVIEW

Appropriate personnel are notified.

The healthcare organization defines thresholds and determines what action follows.

PRIVACY-CONSCIOUS BY DESIGN



UNDERSTAND THE FLOW. NOT THE IDENTITY.

QUEUE can be designed around anonymous counting and aggregate movement.

Deployments must be configured to the organization's privacy, security, operational and regulatory requirements.

INTELLIGENCE FOR OPERATIONS. DECISIONS BY PEOPLE.



AIREZ does not decide who receives care or determine clinical priority. Healthcare professionals remain responsible for patient care, clinical prioritization, staffing and operational decisions.

A BETTER PATIENT EXPERIENCE STARTS WITH KNOWING WHERE THE WAIT IS BUILDING.