



BusPas: The Intelligent Layer at the Curb

Turn transit stops and curbside infrastructure into proactive, connected city assets.



SEE SOONER

Persistent awareness at the stop and curb.

RESPOND SMARTER

Turn observed conditions into agency-authorized action.

SERVE BETTER

Improve safety, accessibility and the passenger experience.

ENFORCEMENT • PASSENGER EXPERIENCE • OPERATIONS • SAFETY • PRIVACY BY DESIGN

One connected stop. Multiple outcomes.

See it sooner. Act before the bus arrives.

Persistent fixed-location visibility gives cities two enforcement paths: notify an authorized officer while the condition is still active, or support automated citation workflows where locally authorized.



OFFICER-ASSISTED ENFORCEMENT

Deploy now with human judgment

Detect a configured curb event, qualify it against local rules, and notify an authorized officer or operations team. The officer reviews the information and decides what action is appropriate.

DETECT → QUALIFY → NOTIFY → OFFICER DECIDES

AUTOMATED CITATION WORKFLOW

Automate where legally authorized

For jurisdictions that authorize automated enforcement, BusPas can package a validated event and supporting evidence into the approved citation workflow. Final rules, evidence requirements and authority remain jurisdiction-specific.

DETECT → VALIDATE → AUTHORIZE → ISSUE

The differentiator: act while the condition is still active.

Fixed monitoring can identify a blocked stop before the bus arrives — creating time to restore access, dispatch an officer or support an approved automated workflow.

Know what is happening before it becomes a complaint.

BusPas gives agencies persistent curbside awareness so they can identify recurring conditions, prioritize response and build evidence around what is happening at the stop.



Graffiti & maintenance

Surface configured maintenance conditions earlier and help teams track recurring hotspots and response.



Vision Zero & street safety

Reveal recurring curb conflicts, accessible-boarding issues and locations where safety conditions repeat.



Curb obstruction

Identify configured obstruction events, measure duration and route validated information into approved workflows.

FROM OBSERVATION TO ACTION

1 Observe → 2 Qualify → 3 Route → 4 Respond → 5 Measure

PROACTIVE, NOT JUST REACTIVE

Use observed conditions to understand hotspots, accessibility impacts and recurring patterns over time — not just isolated incidents.

Make the stop a connected service point.

Deliver useful information and services where the trip actually begins — with accessibility built into the stop experience.



Real-time passenger information

Arrivals, scheduled fallback, accessible audio and multilingual communications.



Service alerts & emergency messaging

Agency-controlled messages, detours, relocations and public information.



Passenger Wi-Fi & connected stops

Managed local Wi-Fi through connected SmartSign infrastructure, expandable to additional services.



Solar-powered lighting & infrastructure

Solar and battery configurations supporting lighting and connected-stop services.

One connected site can support passenger information, accessibility, connectivity and additional BusPas modules.

See what happens between the bus and the street.

Vehicle location is only part of the story. BusPas adds stop-level context around passenger presence, dwell, curb conditions and recurring operational patterns.



STOP-LEVEL OPERATIONS INTELLIGENCE

Combine stop activity with transit context to better understand dwell, passenger presence and recurring conditions.

TRAFFIC SIGNAL PRIORITY OPTIMIZATION

Use vehicle readiness, boarding activity and curb context to help time priority requests where supported.

FROM OBSERVATION TO ACTION

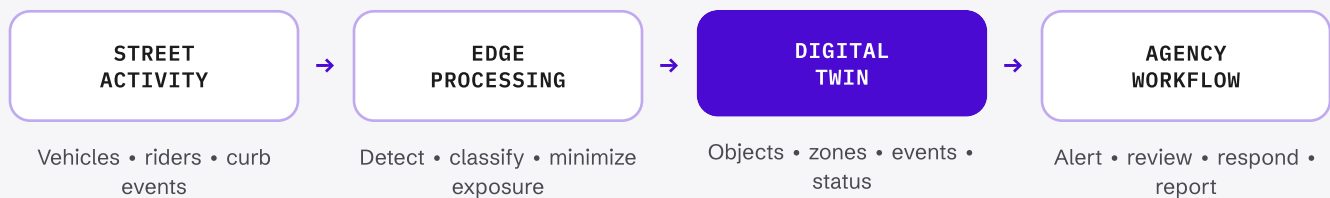
Transit operations • Parking / curb enforcement • Maintenance • Safety teams • Agency-authorized workflows

A fixed stop-level view complements vehicle and mobile data with persistent context from the curb.

Useful intelligence. Less unnecessary exposure.

BusPas is designed for privacy-conscious deployments and GDPR environments. Computer-vision applications can process imagery at the edge and turn activity into operational events rather than making identification of people the objective.

DIGITAL-TWIN OPERATING VIEW



EDGE PROCESSING

Process computer-vision imagery close to where it is captured.

NON-NOMINATIVE ANALYTICS

Focus operational insight on events and conditions, not identifying individuals.

DIGITAL-TWIN VIEW

Represent street-level activity as operational objects and events instead of relying on raw video as the primary operational view.

CONTROLLED ACCESS

Separate authorized security viewing from routine operational analytics where required.

Operational awareness without making raw video the default operating interface.



One connected stop. Multiple outcomes.

Enforcement • Passenger experience • Operations • Safety • Accessibility • Connectivity



What could your city see sooner?

Bring us a stop, corridor or operational challenge. We'll show you how BusPas can turn connected infrastructure into proactive intelligence.

Talk with BusPas • Request a use-case review

LET'S TALK