


Centralized Monitoring for Public Transport Devices

Empower your operations teams with a single platform to monitor and manage all devices across your transport fleet and infrastructure.

 fleetview

API Version: 43.43.43
Frontend Version: TBD

FLEET STATUS

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Vehicle SNMP

STOP STATUS

Overview

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Search

IP / series / vehicle / label

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Device status

Main d...

Security ca...

Name ↑	Status	All	Publicity screen	Ticket vendin
> 1	Maintenance	Ok	Ok	Ok
∨ 2	Warning	Ok	Ok	Ok

Name	IP
cam18	127.1.0.18
cam19	127.1.0.19
Publicity screen	127.1.0.20
Ticket vending machine	127.1.0.21
Vehicle telemetry unit	127.1.0.22
Digital signage	127.1.0.23

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Problem & Solution

Problem: Fragmented and Complex Monitoring

Public transport operators often struggle with:

- Inconsistent device management: Each vendor provides a different tool, or none at all — to manage onboard and station equipment.
- High technical complexity: Generic monitoring tools are too technical and disconnected from business operations.
- Lack of unified view: No single dashboard gives a global, real-time picture of all operational equipment across vehicles and stops.

Solutions

Fleetview centralizes the monitoring of all connected equipment — whether on buses, trams, metros, or platforms — into one powerful, user-friendly interface.

- In production with 900+ vehicles, 500+ platforms, and 10,000+ devices.
- Supports ping, SNMP, and custom monitoring.
- Tailored to the workflows of transport maintenance and operations teams.

Details

STOP	PLATFORM	SERVICE TYPE	IP	URL	AVAILABLE (PING) STATUS	STATUS
Alerts	Alerts - Platform 1	Information display (Info)	10.70.0.3	Info (10.70.0.3)	OK	Warning

SNMP

OID name	Last check	Last change	Value	Status
SNMPv1-MIB: sysUpTime.0	12 sept 2019 14:18 (17...)	12 sept 2019 14:00 (16...)	TimeTicks (648370) 0.1...	OK
HOST-RESOURCES-MIB: hrProcessorLoad.0	12 sept 2019 14:18 (17...)	12 sept 2019 14:01 (16...)	54	OK
UCD-SNMP-MIB: mib.16.16.1	12 sept 2019 14:18 (17...)	12 sept 2019 17:34 (16...)	5.13	OK
UCD-SNMP-MIB: mib.16.16.1.1	12 sept 2019 14:18 (17...)	12 sept 2019 14:01 (16...)	1603679	OK

Availability (Ping)

HOST-RESOURCES-MIB: hrProcessorLoad.16668

UCD-SNMP-MIB: mib.16.16.1

- Aggregate all onboard and station equipment into a single dashboard
- Real-time monitoring of video systems, ticket machines, alarms, counters, and more.

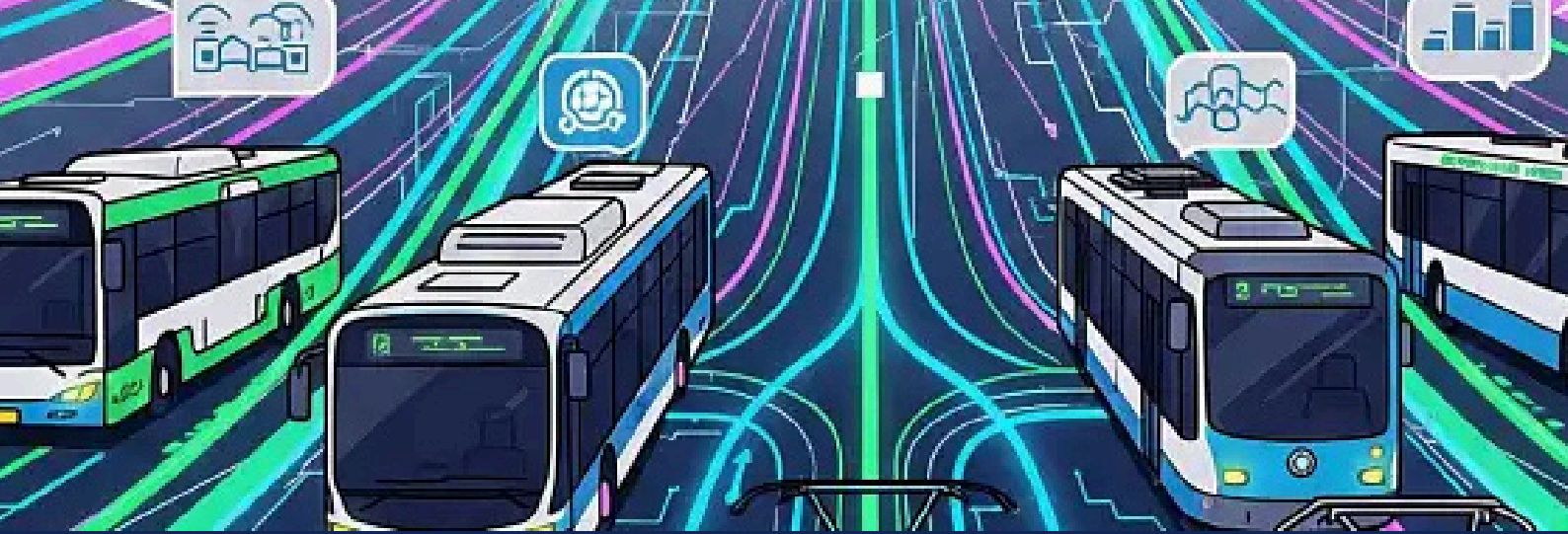
- High-level health view of your entire fleet and infrastructure
- Detect outages or anomalies instantly

- Graphs for key metrics: temperature, passenger counts, uptime, etc.
- PDF/CSV uptime reports by vehicle, model, or maintenance center

- Notifications when downtime thresholds are exceeded
- Per-equipment type check intervals and data collection customization
- API integration to exclude vehicles under maintenance from alerts

- Reach a device's native web admin interface with one click
- Search quickly by vehicle, type, or component
- Role-based access | Active Directory & OAuth2 SSO
- Audit logging for configuration changes

- Multilingual: English & French (more coming)
- Runs in containers: deploy in VM, Kubernetes, or OpenShift
- Import/export support for fleet and platform data
- Automatic purge of obsolete monitoring data



Customization with Collective Benefit

Tailored to Your Needs – Evolved by the Community

Every public transport network is unique — different fleets, infrastructures, and workflows. That's why Fleetview is designed for flexibility. We collaborate closely with our customers to adapt and extend the application to match their exact operational needs. But it doesn't stop there.

All functional improvements developed for one customer are shared across the entire Fleetview platform (unless proprietary or sensitive). This means:

- You get features built for others — benefit from the experience and feedback of other transit users and operators.
- Your requested features help improve the product — and in turn, are maintained and refined as part of the core offering.
- Lower long-term cost of ownership — no one-off custom branches or abandoned features.

This creates a shared innovation cycle: each organization gets a product increasingly adapted to the real-world needs of modern public transport — without the cost and risk of maintaining isolated custom versions.