CIVICGUARD FIELD DOCUMENT

Official Fleet Reader Deployment Guide

Site selection, power, connectivity, commissioning, and public notice for a CivicGuard deployment.

CG-FIELD-101	September 2026

Visibility should work both ways.

Prepared for municipal operations, public-integrity offices, transit authorities, civic campuses, and authorized oversight partners.

REVISION HISTORY

A	September 2026	Initial release.
B	October 2026	Readers may no longer be moved at the request of the vehicle being read.

1. Deployment outcome

A standard deployment creates continuous coverage for enrolled official fleets while preserving a documented boundary around civilian traffic. Each site must have an operational owner, a technical owner, and a named audit reviewer.

- Typical site walk: 60 to 90 minutes
- Target installation window: 10 business days after permit clearance
- Reader commissioning: under 45 minutes per location
- Default retention: 7 days
- Required account control: MFA for every user

> **Coverage is not complete until the field of view, event routing, retention schedule, and responsible reviewers are all confirmed.**

2. Site selection

Factor	Preferred condition	Avoid
Approach angle	15 to 30 degrees from lane center	Sharp turns and immediate lane merges
Range	45 to 90 feet from target lane	Obstructions inside the recognition zone
Solar exposure	Six or more hours daily	Seasonal tree shadow across the full panel
Connectivity	Stable LTE or approved municipal backhaul	Unsurveyed dead zones
Public notice	Visible notice before capture zone	Hidden or ambiguous placement

3. Installation sequence

- Confirm permit and right-of-way authority.
- Record pole, cabinet, and camera serials in the deployment ledger.
- Mount power and communications hardware before aiming the reader.
- Validate plate class filtering against the approved enrollment list.
- Run daylight, dusk, and low-light verification passes.
- Confirm that civilian plate events are rejected before storage.
- Publish the reader count and retention policy to the transparency portal.

4. Commissioning checklist

Control	Owner	Evidence
Field of view approved	Deployment specialist	Site photograph and lane diagram
Enrollment filter active	Platform administrator	Test-event export
Seven-day retention active	Trust administrator	Policy screenshot
Audit reviewer assigned	Customer administrator	Named monthly reviewer
MFA enforced	Identity administrator	Account policy report
Public notice posted	Customer liaison	Location photograph

5. Ongoing operations

Readers report power, communications, image-quality, and clock-drift health into CivicOS. A disconnected reader remains visible as an outage until it returns or is retired.

- Daily automated health review
- Monthly manual image-quality sample
- Quarterly access and role review
- Annual site and solar reassessment
- Immediate review after collision, vandalism, or relocation

6. Escalation targets

Condition	Target response	Required action
Reader offline	15 minutes	Open incident and notify site owner
Filter mismatch	Immediate	Suspend event storage and begin review
Clock drift over 30 seconds	4 hours	Resync and annotate affected events
Public notice missing	1 business day	Replace notice and record correction
Unauthorized access	Immediate	Disable account and preserve audit trail

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