

# OPS CONNECT FIELD KIT

## Agency Resource & Tool Guide

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### Overview

The OPS Connect Field Kit is a growing library of valuable resources to assist OPS Network™ partner law enforcement agencies and officers while in the field. Each tool is a custom OPS application that can be used independently or in conjunction with numerous built-in OPS CONNECT™ assets.

Most tools are lightweight, secure, and can run entirely in the browser—no installation or server connection required.

**NOTE:** The OPS CONNECT Field Kit is restricted to **AUTHORIZED LAW ENFORCEMENT OPS NETWORK USERS ONLY**. Access by unauthorized individuals is strictly prohibited.

All access attempts and activities on this system are **logged and monitored**. Reference links, IP addresses, browser identifiers, and session events are tracked and audited for security and compliance purposes.

By proceeding, you acknowledge monitoring and consent to auditing for security and compliance. If you are not authorized, please leave immediately.

## CURRENT APPLICATIONS:

### My Locator — Siren

#### Purpose:

A progressive web app (PWA) that transforms any device into a high-visibility emergency alert tool. My Locator generates a loud, repeating siren tone, bright screen flash, vibration (where supported), and full screen display to attract attention in emergency situations — such as when an officer or first responder is lost, trapped, injured, or needs assistance.

#### Key Features:

- One-tap ACTIVATE SIREN button starts a synthesized, oscillating siren sound using the Web Audio API.
- Visual and haptic alerts: flashing white screen, vibration pattern, and optional fullscreen mode for maximum visibility.

- Wake lock support keeps the screen active while the alarm runs.
- Confirm Stop modal prevents accidental silencing.
- Installable PWA: add to home screen for offline use and instant access.
- Notifications: optional local “EMERGENCY” notification when the siren is activated.
- Cross-platform: works on Android, iOS, tablets, and desktops via modern browsers.
- No location tracking — the app does not transmit GPS or network beacons, ensuring privacy and clear purpose as a local attention tool.

**Workflow:**

1. Open the app or home-screen shortcut.
2. Tap ACTIVATE SIREN to begin the audible and visual alert.
3. Use Stop Alarm or tap the main button again to silence it.
4. Toggle Flash, Vibrate, or Fullscreen options as needed.
5. (Optional) Install the app for offline capability and faster response.

**Best For:**

- Officers and first responders needing to signal distress or request attention.
- Search-and-rescue or low-visibility environments.
- Demonstrations, training drills, or temporary alert stations.

**Technical Notes:**

- Fully browser-based; no data uploads.
- Requires HTTPS for vibration, audio, and wake-lock features.
- Uses client-side service worker and manifest for PWA installation.
- Optimized for quick activation, large touch targets, and accessibility.

**Summary:**

My Locator — Siren provides a stand-alone emergency alarm solution that combines sound, light, and motion cues to help draw immediate attention without relying on external communication networks. It’s a privacy-safe, instantly deployable tool for field safety and rescue visibility within the OPS CONNECT Field Kit ecosystem.

## Field Image Documenter

### Purpose & Functionality

This tool is designed for officers in the field to document scenes via photographs and related notes. The key capabilities include:

- **Capture:** Take or upload an image directly in the tool.
- **Note:** Add a descriptive title, notes or description for the image.
- **Export PDF:** Generate a PDF report compiling the image(s), notes, and metadata.

### Interface & Workflow

- There is a section titled “Officer Name / Rank / Badge # / Case # (If applicable) / Location / Image Taken / Image Title / Description / Notes”. This indicates that every image entry is logged with relevant metadata (who took it, when, where, case number, etc.).

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### Use Case

This tool is well-suited for law enforcement or field operations where visuals must be captured, annotated, and kept in a formal report format (PDF) for documentation or evidence without saving the image or metadata on the device. It helps standardize image capture and reporting with fields for officer info, case context, location, and notes.

## OPS Phonetic & 10-Code Helper

### Purpose & Functionality

This tool is designed for law-enforcement or public-safety personnel to assist with phonetic alphabet conversions and 10-code (radio code) lookups. Key capabilities include:

- **Phonetic Conversion:** You can type a word and get its phonetic-alphabet equivalent (e.g., “Alpha Bravo Charlie...”). Lines L2–L4 show this.  
[assets.opspolice.network](https://assets.opspolice.network)
- **10-Code Search:** You can enter a code or its meaning to look up what it stands for. Lines L11–L13 indicate this “Search 10-codes (type code or meaning)”.  
[assets.opspolice.network](https://assets.opspolice.network)

- **Export/CSV:** There's a "Reset Export CSV" option (Line 13) which suggests you can export or reset the data set, likely for offline/reference use.  
[assets.opspolice.network](https://assets.opspolice.network)
- **User-friendly Interface:** The tool layout shows a clear text-input area ("Type a word..."), a result display ("Phonetic translation will appear here"), and options to clear or copy results.

## Use Case

This would be particularly useful in the field or control room when an officer needs to:

- Quickly convert names, callsigns, or words into the standardized phonetic alphabet (Alpha, Bravo, Charlie, etc.).
- Translate or decode numeric radio/10-codes for clear communication (e.g., "10-90" might mean "Bank Alarm" in some agencies).
- Export the list of codes (or the alphabet reference) into CSV format for print-out, integration into another system, or offline reference.

## Interface & Details

- Input fields: "Type a word for easy phonetic code translation" (Line 4).
- Translation result area: "Phonetic translation will appear here" (Line 8).
- Toggle / reference display: "Show full alphabet reference" (Line 10).
- Code lookup: "Search 10-codes (type code or meaning)" (Line 11).
- Controls: "Reset Export CSV" (Line 13).
- A "Copy Result" and "Clear" button appear (Line 6–7).

## Benefits & Notes

- Standardizing communication: Helps ensure phonetic clarity over radio or voice comms.
- Quick reference: Rather than carrying paper charts, this is an on-screen tool accessible via web.
- Export friendly: The CSV capability means the data can be used elsewhere (reports, software, training logs).

## Potential Limitations / Considerations

- Internet access required: Since it loads from a web asset, offline use may depend on caching or local hosting.
- Agency-specific codes: The 10-codes may not match one's home agency; clarity needed if used cross-jurisdiction.
- Security/privacy: If sensitive codes or data are included, ensure the tool is used within secure / authorized systems.
- UI/UX: The simple interface is good for quick lookup, but large-scale training or integration might require more features (bulk lookup, mobile app, offline syncing).

## Language Phrasebook

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### Purpose

A field-ready, mobile-friendly phrasebook that lets officers and first responders search, view, and play common law-enforcement phrases (including the Miranda warning) in multiple languages—directly in the browser with no server required.

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### Core Features

#### 1) Tap-to-Play Voice Output

- Each phrase has a ► button to **speak the translation aloud** using the Web Speech API.
- **Pause ( || )** and **Stop ( ■ )** controls are always available in the sticky header.

#### 2) Miranda + Operational Phrases

- A dedicated “**Basic Miranda Warning**” section (5 lines) with sentence-by-sentence playback for natural pacing.
- A comprehensive “**All Phrases**” list covering stops, safety/compliance, identification, vehicle docs, welfare checks, and more.

#### 3) Multi-Language Support

- Built-in locales: **English (en-US), Spanish (es-ES), French (fr-FR), German (de-DE), Polish (pl-PL)**.
- Translations are defined in a single in-page data map for fast, offline-friendly access after first load.

#### 4) Smart Voice Selection & Prosody

- Automatically **picks the most natural voice** available per language (prefers Google/Microsoft/Siri voices when present).
- Light **prosody tuning** (rate/pitch) per language for clarity in the field.

#### 5) Instant Search

- A **Search** box filters phrases live (both source and translation), so you can find statements fast.

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#### Disclaimer

Translations are **approximate**, may vary by context/region, and **do not replace** certified interpretation or official resources.

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#### Summary

Language Phrasebook – Tap To Play is a lightweight, self-contained, tap-to-speak translator for common police phrases, designed for speed, clarity, and reliability during real-world interactions—especially when a quick, understandable translation is critical.

## NJ Statute Lookup

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#### Purpose

This reference tool allows law enforcement officers to **quickly search and reference New Jersey Statutes** (Titles **2C** and **2A**) from their mobile device or desktop. It's optimized for **on-scene and patrol use**, emphasizing fast access to the most relevant statutes.

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## Core Features

### 1. Quick Access Buttons

At the top, the “Quickbar” provides one-click access to the most commonly used statutes:

- **2C:12-1 – Assault**
- **2C:20-3 – Theft**
- **2C:35-10 – Drugs**
- **39:4-50 – DWI**
- **2C:25-17 – Domestic Violence**
- **2A:34-23 – Alimony**

These shortcut buttons instantly populate the search field and pull up matching legal reference links.

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### 2. Smart Search Box

Users can type:

- A **statute code** (e.g., 2C:12-1), or
- A **keyword** (e.g., “assault” or “theft”)

The search then generates **direct links** to the relevant section on **Justia’s New Jersey Codes** site, along with a filtered Google link limited to law.justia.com.

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### 3. Statute Lists with Filters

Two expandable dropdowns organize statutes by category:

- **2C – Criminal Justice Codes** (e.g., Murder, Theft, Burglary, Drugs, Weapons, DV, etc.)
- **2A – Civil & Administrative Justice Codes** (e.g., Divorce, Alimony, Custody, Negligence, Products Liability, etc.)

Each section includes a **filter box** allowing users to quickly narrow down the list by code or keyword.

Selecting a statute automatically:

- Sets it in the search box
  - Performs the lookup
  - Closes the dropdown
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#### 4. Linked Results Display

The **Results panel** shows online legal resources for any query:

- A **Justia direct link** for the statute (e.g., <https://law.justia.com/codes/new-jersey/title-2c/section-2c-12-1/>)
  - A **Google “Justia-only” search link** for broader reference.
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#### Disclaimer Section

Includes a legal-use warning:

“Please verify all code prior to utilizing same for any legal action or procedure.”

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#### Summary

The **NJ Statute Lookup – Field Edition** is a **lightweight, self-contained, mobile-ready statute search tool**. It’s designed to streamline legal lookups in the field—perfect for officers, investigators, or court professionals who need quick access to criminal (2C) or civil (2A) codes without sifting through complex legal websites.

# OnScene Timer

## **Purpose:**

OnSceneTimer is a browser-based, field-optimized **incident scene timing and log-tracking tool** designed to help members monitor how long they have been on scene and manage scene entry/clearance events in real time.

## **Key Features:**

- Provides a timer/stopwatch interface to capture **elapsed time** for members on scene.
- Supports start, pause, and clear functions for each unit's "on-scene" period.
- Designed for mobile and tablet use in the field so that timestamps and duration are captured instantly.
- Supports documentation of scene time for operational, administrative or investigatory purposes — helping agencies with metrics (response time, on-scene time, turnover).
- Minimal interface, field-friendly UI: large buttons, readable in daylight or vehicle conditions.

## **Workflow:**

1. When arriving at scene, tap **Start Timer** (unit is now "on-scene").
2. On completion of task or clearing, tap **Stop / Clear Timer**.
3. The recorded time is logged or exported into a report.
4. Use the captured time data for briefings, after-action reviews, or reporting.

## **Best For:**

- Patrol units, crash investigation teams, tactical or special-response teams needing real-time tracking of on-scene time.
- Supervisors or command staff reviewing unit on-scene durations, measuring performance or managing scene turnover.
- Agencies needing a simple, standardized way to document scene times for processes, audits, or accountability.

## **Technical Notes:**

- Step by Step instructions provided on the application.
- Best to add APP to device and manage device settings to ensure notifications are not blocked.
- When setting alarm times, understand that “push notifications” are web based and depend on internet access, phone settings, wifi, etc...
- If strict timelines are needed, the user should set the time frame early to ensure delayed notification are received. Example: Must not exceed 8 hours on scene. Set the “Arm Time” to 7 hours 30 minutes. This provides any delayed notifications 30 minutes to be released by any servers and reach the user.
- All users are instructed to check the timer and no rely on push notification alone.

### Summary:

OnSceneTimer offers a **dedicated, reliable timing solution** for officers on scene—enabling accurate, real-time tracking of duration, supporting operational efficiency, documentation and accountability within the OPS Connect Field Kit.

## Field Notes – OPS Mobile Note Taker

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### Purpose & Functionality

This is a mobile-optimized web tool designed for law enforcement officers to take, save, and export notes in the field. Key capabilities include:

- A form with fields for: Title, Location, Date, Time, Officer Name, Badge #, Agency.
- A large “Running Notes” text area where the user can enter incident or field notes.
- Options to **Load draft (.json), Save draft (.json), Download finalized PDF.**
- Controls like **Sign Note, Pen, Eraser, Clear, Cancel, Complete** for managing the note form.
- Ability to “Name Your File” (file name field, extension added automatically) before save/download.

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## Use Case

This tool is built for field operations where an officer needs to record observations, statements, incident flow, location/time metadata, and then embed that into a report system or archive it (via PDF). It allows for flexible usage (draft in progress) and finalization (PDF output) on mobile or tablet.

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## Summary

The **Field Notes – OPS Mobile Note Taker** is a streamlined, field-ready application for capturing and managing incident notes. It supports metadata capture (who, when, where), free text running notes, draft workflow, and export to PDF — all optimized for use by officers on duty.

# Surveillance Logger

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## Purpose

This tool is designed for field personnel (e.g., law-enforcement officers or investigative units) to **log surveillance observations and entries** in a structured way, capture metadata, sign off on the log, and export the log for record-keeping.

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## Core Features

- Fields at the top: **Title, Location, Date, Time, Officer Name, Badge #, Agency, Case Number.**
- A log entry section (“ADD Entry/Observation ... New Entry —”) where the user can append multiple observations.
- Controls for managing the log: **Clear Log, Load draft (.json), Save draft (.json), Download finalized PDF, Reset form.**

- A signature block: “Signed / Sign Log ... Sign above the line ... You must draw at least one stroke to continue, or tap Skip to export without a signature.”
  - File naming before export: “Name Your File / File name / Extension will be added automatically.”
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## Use Case

Specifically useful when a law-enforcement officer or surveillance team is conducting **prolonged observation**, needs to capture discrete entries/observations along the way (time, location, action), and eventually produce a formal log. This could be used for stakeouts, surveillance operations, undercover observations, covert operations, technical surveillance, etc.

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## Summary

The **Surveillance Logger** is a structured note-taking/logging tool optimized for surveillance tasks. It collects key metadata, allows sequence of observations, supports draft workflow, signature capture, and produces a PDF export for formal documentation.

# OPS Scene/Event Log

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## Purpose

This tool is designed for law-enforcement or investigative personnel to **log scene or event activity** in a structured format. It allows tracking of personnel entries/exits, timestamps, notes, turnover details, and formal export for documentation.

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## Core Features

- **Header fields:**
  - Primary Case #
  - Date/Time Log Initiated, Date Log Initiated, Time Log Initiated

- Location, Case Type, Primary Investigative Agency
  - Officer Initiating Log, Badge #, Agency  
(Labeled in the form)
  - **Log Details Section:**
    - For each person: Name, Agency, Rank, Date/Time In, Now Clear toggle, Date/Time Out, Notes.
    - Button “Add Entry” to append a new row.
    - Option to “Clear Log / Scene Access Log” to reset.
  - **Log Management Controls:**
    - “Load log (.json)” and “Save & Turn Over (.json)” for draft/interim file management.
    - “Finalize PDF / Reset” to prepare a completed version.
    - **Signature block:** “Signed / Sign Log ... Sign above the line ... Draw at least one stroke to sign, or tap Skip to finalize without a signature.”
    - **Turn-Over section:** Name Your File, Turned over to (Name), Recipient Agency, Recipient Badge #, Turnover Date/Time, “Now Clear” toggle.
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## Use Case

When a scene/event is being logged (for example a crime scene, major incident, SWAT operation, or traffic crash investigation), this tool helps **monitor who entered the scene, what time, when they cleared, and any notes per entry**. It also supports **handoff (“turn-over”)** of the log to another agency or shift, and preserves the log in exportable formats (PDF) and draft format (JSON) for continuity and record-keeping.

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## Summary

The OPS Scene/Event Log is a **structured scene-activity tracking tool** optimized for law enforcement field operations. It collects essential metadata, allows multiple entries over time, tracks clearance, supports turnover to other units/agencies, and produces formal exports for documentation.

# FIELD DOCUMENT ANNOTATOR (OPS-PEN)

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## Purpose

A **mobile-friendly PDF annotator** for officers and investigators to **open a PDF, fill form fields, hand-write notes/signatures, and save a flattened, timestamped PDF**—entirely in the browser (no server).


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## Core Features

### 1) PDF Upload & Multi-Page Navigation

- **Upload** any PDF from device storage.
- **Prev/Next** page controls with live page counter.
- High-quality on-screen rendering via **pdf.js**.

### 2) OPS-PEN Ink & Eraser

- Toggle  **Pen** to draw/sign directly on the page.
- **Color** picker & **Size** slider (1–20 px).
- **Eraser** mode with a visible **eraser ring** cursor.
- **Undo** last stroke, or **Clear** page ink.

### 3) Form-Fill Support (AcroForm Widgets)

- Detects and overlays **text inputs, textareas, checkboxes, radio buttons,** and **dropdowns/list boxes** in precise positions.
- Honors **readonly, required, maxlength, text alignment,** and choice **options** (with a smart normalizer for varied PDFs).
- Editable combo fields render with a **datalist** (type-ahead).

### 4) Zoom, Pan & Precision Controls

- **Zoom In/Out/Reset** with labeled percentage.
- **Pan mode** with on-screen **arrow pad** for fine movement when zoomed.

- Large, sticky **bottom bar** optimized for mobile.

## 5) Save / Flatten to PDF

- “**Save As**” dialog with filename sanitization.
- Uses **pdf-lib** to:
  - **Write form values** back into the PDF.
  - **Flatten** form fields so entries are embedded.
  - **Raster-embed ink layers** at page resolution.
- Optional **Eastern Time timestamp** (“Completed: mm/dd/yy h:mmam/pm”) printed at the bottom of each page.
- Cross-browser saving, including iOS/Safari workarounds.

## 6) Compact, Field-Ready UI

- **Sticky header**: logo/title, Upload, OPS-PEN, pager, Save, tools, status.
- **Tools panel** adapts for small screens (modal “... Tools”).
- **Help dialog**: step-by-step usage instructions.
- **Placeholder overlay** guides first-time users (“Upload a PDF to Start Using ‘OPS-PEN’”).

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## Handy Shortcuts

- **P** = toggle Pen, **E** = Eraser, **Ctrl/Cmd+Z** = Undo, **←/→** = page, **= / -** = zoom.

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## Notes & Safeguards

- All work is **local** to the browser (no upload).
- Form limits (e.g., **maxlength**) are enforced when saving.
- Eraser operates on ink (not the underlying page render).
- Voice-over and touch targets are considered; dialogs are accessible.

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## Summary

The **FIELD DOCUMENT ANNOTATOR** is a **single-page, offline-capable** PDF tool built for **fast field documentation**: open a PDF, fill forms, **sign with OPS-PEN**, and export a clean, flattened, timestamped copy—no cloud services, no accounts, just the browser.

## OPS-PAPER — PDF Fillable Form Builder

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### Purpose

A **desktop-oriented builder** for creating **fillable PDFs**. You upload a PDF, place interactive form fields (text, paragraph, checkbox, dropdown), tweak their properties, and export a finalized, fillable PDF. It's meant for larger screens (laptop/desktop) and complements **OPS-PEN** (which is for filling from the field).

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### Core Features

- **Upload & Project workflow:** Drag-and-drop a PDF, or load/save a **.opsproj** project to continue later.
  - **Field toolbox:** Add **Text, Paragraph, Checkbox, Dropdown**, plus **Whiteout** blocks for covering lines/text. Duplicate/Delete fields as needed.
  - **Precise placement:** Drag to move, resize via the blue corner; **snap** to edges/centers for alignment. **Zoom** controls (- / + / Reset) help with accuracy.
  - **Per-field properties:** Type, page, X/Y, width/height, **Tab Order, Font Size, Alignment** (left/center/right), **Max Length, Default Checked** (for checkboxes), **Options** (one per line for dropdowns).
  - **Export options:**
    - **Save Finalized PDF** → exports a **fillable** PDF.
    - **Save for Later** → downloads to resume editing.
    - **Fix/Set Layout** → realigns fields if things shift after load/resize.
  - **Multi-page navigation:** Prev/Next page controls; fields are stored per-page and positions match the saved PDF.
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## Workflow (recommended)

1. **Upload** a PDF
2. **Add Field** → **place** on the page → **drag/resize** and edit properties.
3. Set **Tab Order**, **Max Length**, and **Dropdown Options**.
4. Use **Whiteout** for cleanup.
5. **Save Finalized PDF**.
6. (Optional) Use **OPS-PEN** later to **fill/sign** the form in the field. [OpsPolice](#)

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## Summary

**OPS-PAPER** is your **form-creation** side of the workflow: build precise, aligned, snap-to-grid **fillable PDFs** on desktop, save projects, and export final forms ready for officers to complete using **OPS-PEN**.

## OPS Network Link Sharing Portal

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### Purpose

A lightweight, browser-based tool to **create, manage, preview, and export curated link lists** for distribution across OPS platforms (IMS|hub, Groups, Messenger, Command Center, etc.). It produces a polished, printable PDF and a reusable JSON file so you can keep editing later.

### What it does

- **Collects creator details** (First/Last Name, Rank, Agency, optional Case #).
- **Builds a list of links** (Title + URL) with optional **notes** (usage, logins, context).
- **Validates URLs** (must start with http/https) and ignores empty rows.
- **Previews** the finished layout exactly as it will render.
- **Exports** a professional **PDF** (with clickable “OPEN LINK” buttons) and a **.json** file for future edits.

- **Loads** an existing **.json** to continue where you left off.
- **Responsive UI** designed for desktop or mobile; prints cleanly.

### How to use (workflow)

1. **Enter creator info** (all required fields except Case #).
  2. **Add links:** for each resource, provide a **Title** and a valid **URL**; add **Notes** if needed.
  3. **Preview** the layout to verify formatting and content.
  4. **Name your files** (PDF and JSON).
  5. **Export PDF** for distribution/printing.
  6. **Save Link File (.json)** to preserve an editable version.
  7. Later, **Load .json** to continue editing or regenerate updated PDFs.
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### Summary

Allows users to create, share and export PDF's with valuable links that are clickable and shareable, while creating a report that can be preserved for court procedures.

## Custom QR Code Maker

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### Purpose

A web-based utility for generating custom QR codes on-the-fly. Users can input a piece of text or a URL, choose a size in pixels, generate the QR code, and then download the result for use on documents, forms, incident reports, or signage.

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### Core Features

- Input field: Accepts either plain **text** or a **URL** to encode.
- Size selection: Lets the user define the **pixel dimension** of the QR code output.
- “Generate” button: Creates the QR code image on-screen.

- Download option: Allows saving the generated QR code image (likely PNG or similar) for embedding or printing.
  - Clean, focused UI with minimal distractions—optimized for quick field or office use.
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## Summary

The **Custom QR Code Maker** is a lightweight, field-usable utility tailored for law-enforcement or agency staff who need to **embed QR codes** into forms, logs, signage, or reports quickly. Whether linking to digital evidence, incident summaries, or check-in sheets, this tool supports fast creation of high-resolution QR codes for seamless integration.

# Field Flyers – Law Enforcement Flyer Generator

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## Purpose

The **Field Flyers** tool allows law-enforcement personnel to **create, preview, and download professional missing/wanted/person-of-interest/animal/pet flyers** directly in the browser. It's a self-contained, mobile-responsive web app that can operate offline once loaded — no server required.

Perfect for flyers that the user does not want to post on the agency's OPS Community Interface, using the built in Wanted/Missing Persons Network module.

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## Core Features

### 1. Dynamic Flyer Generator

- Officers can select a **Flyer Type** (MISSING PERSON, WANTED, or PERSON OF INTEREST).
- Automatically updates flyer headers and preview text to match the selected flyer type.
- Designed to mimic real police/public safety bulletin layout on 8.5 × 11 inch paper.

### 2. Structured Input Form

Form fields include:

- **Agency info:** agency name, phone number, case number.
- **Subject details:** name, DOB, age, gender, race, eyes, hair, height, weight.
- **Incident info:** “Last seen / Details,” missing/incident date, and reward.
- **Contacts:** two lines of contact info, officer phone number.
- **Web tip URL:** automatically converted into a **QR code**.
- **Photo upload:** accepts any image file for inclusion in the flyer.

### 3. Live Flyer Preview

- Right-hand panel displays a **live, responsive preview** of the flyer.
- Flyer preview maintains **true 8.5 × 11-inch proportions** (scaled via CSS transform).
- Automatically updates fields, QR code, and photo in real time as data is entered.
- Clean header, photo section, description, contact column, and QR block for tip submissions.



### 4. QR Code Integration

- Auto-generates a **QR code** for the web tip URL using **QRCode.js** (with fallback to qrserver.com).
- Displays both the code image and the full link for verification.
- Provides a “NO QR CODE PROVIDED” placeholder if left blank.

### 5. Save, Load, and Export Options

- **Download Flyer (PDF):**
  - Uses **html2canvas + jsPDF** to capture the 8.5 × 11 flyer at full resolution.
  - Automatically names the file using the subject’s name (e.g., John\_Doe.pdf).
- **Save .json:** Exports all entered data (including embedded photo) for later editing.
- **Load .json:** Re-imports saved flyer data to continue work or make edits.
- All features run **entirely client-side**, keeping data private.

### 6. Responsive, Print-Ready Layout

- Dual-panel design: **input form** (left) + **flyer preview** (right).
- Automatically scales flyer without distortion for any screen width.
- **Print mode:** hides the form panel and prints the flyer at true size.

## 7. Automatic Scaling & Libraries

- On-screen scaling logic (layoutFlyerScale()) maintains true proportions at any window width.
- Dynamically loads required libraries only when needed:
  - QRCode.js
  - html2canvas
  - jsPDF

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## Use Case

Perfect for law-enforcement and public safety agencies needing **fast flyer creation** in the field or office—such as:

- Missing person alerts
- Wanted subject bulletins
- Person-of-interest notices
- Pets/Animals
- BOLO (“Be On the Lookout”) flyers

Users can create, save, and export flyers within minutes—even in areas with limited connectivity.

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## Summary

**Field Flyers** is a fully responsive, in-browser **flyer generator** tailored for law-enforcement agencies when the user does not want to post on the agency’s OPS Community Interface, using the built in Wanted/Missing Persons Network module.

It combines structured data entry, live visual preview, QR integration, offline functionality, and one-click PDF export—offering a professional, field-ready flyer system that requires no server or software installation.

## PDF to JPG Converter

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### Purpose

A lightweight, browser-based utility that lets you **convert a PDF into JPG images** for quick sharing, printing, or embedding in other documents when a PDF is not permitted, such as social media.

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### Core Features

- **Simple workflow:** open the page, choose your PDF, and click **Convert to JPG**. [OpsPolice](#)
  - **Field-friendly:** runs in the browser—handy when you only need images instead of a full PDF. [OpsPolice](#)
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### Summary

**PDF to JPG Converter** is a straightforward, no-frills tool for turning PDFs into JPGs right from the browser—ideal for quick distribution or inserting pages as images elsewhere.

## PDF Compressor

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### Purpose & Functionality

This web-based utility is designed to **reduce the file size of PDF documents**. It offers the ability to select different compression/quality levels so that large PDFs (for example incident reports, images, forms) can be compressed for easier sharing or attachment.

Key capabilities include:

- Upload a PDF file.
  - Choose a compression **quality level** (e.g., Low Quality → smallest size; Medium Quality; High Quality → larger size but better fidelity).
  - Receive a compressed version of the PDF for download.
  - No complex settings—designed for quick field or office use.
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## Use Case

This tool is useful when needing to:

- Attach a large PDF (e.g., multi-page report with images) to an email or upload with size limits.
  - Store large reports in limited storage (mobile devices) more efficiently.
  - Share forms or documents across networks where bandwidth or file size is a constraint.
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## Summary

The **PDF Compressor** is a lightweight, efficient tool for reducing PDF file sizes by selecting compression quality levels. It supports faster sharing and storage of large-document PDFs, particularly useful for law-enforcement or agency operations where form size and image-rich PDFs are common.

# Command Center Shift Briefing Template

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## Purpose

A lightweight, in-browser form that helps a command/dispatch center **compose and copy a clean shift briefing** (Date → Platoon → Shift → Events) for posting into the agency's OPS Command Center. Everything runs client-side—no server.

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## Core Features

### 1) Briefing Builder (form → formatted output)

- **Fields:** Date, Platoon, Shift, and a list of **Events**.
- **Add/Remove Events:** “Add Event” creates additional event blocks; each extra block includes a **Remove** button.
- **Process:** Clicking **Process** renders a neatly formatted briefing in the **Output** panel (both rich HTML and plain text are prepared).
- **Clear:** Resets the form and the output; returns the event list to a single “Event 1”.

### 2) One-click Copy (HTML + plain-text fallback)

- **Copy button** (enabled after Process) tries to copy **both** rich HTML and plain text using the modern Clipboard API (secure contexts).
- If that fails, it falls back to **plain text**; if that also fails, it **auto-selects** the output so the user can press **Ctrl/Cmd+C**.

### 3) Clean, Readable Output

- Output lists **Date, Platoon, Shift**, then **Event 1, Event 2, ...** with spacing that’s ready to paste into email, chat, or a command log.
- The panel also stores both formats internally (data-output-text and data-plain-text) to support robust copying.

### 4) Simple, Field-Friendly UI

- Minimal styling, large inputs, and clear labels.
- Prominent **Process / Clear / Copy** controls.
- Brief instructions above the buttons explain the workflow.

### 5) (Optional) XLSX→CSV helper (scaffold in code)

- The top script includes utilities (gk\_isXlsx, gk\_xlsxFileLookup, loadFileData) that can **ingest an .xlsx**, filter blank rows, heuristically pick a header row, and convert to **CSV**.
- That scaffold isn’t wired to the briefing form yet, but it suggests easy future integration (e.g., bulk-loading events from a spreadsheet).

## Workflow (quick)

1. Enter **Date, Platoon, Shift**.
  2. Click **Add Event** for each additional event; fill the text areas.
  3. Click **Process** to generate the briefing.
  4. Click **Copy** → paste into your destination (group/command center).
  5. **Clear** when starting a new briefing.
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## Summary

The **Command Center Shift Briefing Template** streamlines creating and sharing shift briefings: type the essentials, add events, **Process**, then **Copy** a clean, ready-to-paste summary for posting in the OPS Command Center. It's fast, offline-capable, and designed for real-world command-center workflows, with future-friendly hooks for spreadsheet import.

## Patrol Alert Form Template

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## Purpose

A browser-based form designed for patrol officers to **quickly compose, format, and share “patrol alerts”** (for example subject descriptions, case numbers, origin, details) in a ready-to-paste format into OPS CONNECT Groups, Messenger or Command Center.

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## Core Features

- Input fields for **Case Number, Subject, Origin, Details**. [OpsPolice](#)
- Buttons to **Process** (generate formatted output) and **Clear** (reset the form). [OpsPolice](#)
- An **Output** area where the form processing produces a clean summary of the alert. [OpsPolice](#)
- Instructions indicating:

“Once rendered in the Output box, follow the copy instructions.” [OpsPolice](#)  
“Click ‘Copy’ button and then paste text into the appropriate Group or Command Center.”  
[OpsPolice](#)

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## Use Case

When an officer needs to broadcast an alert—such as a wanted subject, BOLO, or situational update—they can use this template to:

- Enter the key facts (case #, subject, origin, details) quickly.
  - Click “Process” to generate a final formatted alert.
  - Hit “Copy” and paste into a group messaging platform, command center log, or unit chat without needing to manually format.
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## Summary

The **Patrol Alert Form Template** is a **quick-use, field-optimized tool** to format and share patrol alerts in a consistent way. It streamlines the process of generating alert messages, ensuring officers can broadcast accurate, well-formatted information rapidly during active operations and sharing on OPS CONNECT Groups, Messenger or Command Center.

# CCTV Time Discrepancy Calculator

## Purpose

Determine how far a DVR’s on-screen clock is **ahead/behind real time**, correct recorded timestamps, and convert **real-world event times** into the **DVR search time**.

## What it does

- **Computes discrepancy** between the **DVR Live Timestamp** (what you see on the live view) and the **actual system time** on your device.
- **Corrects recorded timestamps** to real-world time using that discrepancy.
- **Converts real-world event times** into the DVR time you should jump to during footage review.

- Enforces **second-level precision** (HH:MM:SS) for accurate calculations.

### Inputs (exactly as in the tool)

#### 1. **DVR Live Timestamp (required)**

The current date/time shown on the DVR's **live** view (include seconds).

- If the picker doesn't show seconds, **type them** (e.g., 2025-06-05T10:00:00).

#### 2. **DVR Recorded Timestamp (optional)**

A timestamp visible in saved footage you want to correct to real time.

#### 3. **Real-World Event Time (optional)**

The actual time an incident occurred; the tool returns the matching **DVR** time to search.

All three fields accept full date+time with **seconds**. All calculations use your device's current time as "actual time."

### How to use (step-by-step)

1. **Open the calculator** and confirm your computer/phone clock is correct.
2. In **DVR Live Timestamp**, enter the **live** time shown on the DVR **right now**, including seconds.
3. (Optional) Paste a **DVR Recorded Timestamp** from the on-screen overlay in the footage.
4. (Optional) Enter a **Real-World Event Time** (e.g., CAD/dispatch time) to get the DVR search time.
5. Click **Calculate Discrepancy**.
6. Read the **Results** panel for:
  - Discrepancy (ahead/behind)
  - **Corrected Real-World Time** for any recorded timestamp supplied
  - **DVR Time for Real-World Event** if you provided an event time

### Interpreting the results

- **Discrepancy**

"The DVR clock is 2 minutes, 30 seconds **behind** the actual time."

Use the sign: **ahead** means subtract from DVR times to get real time; **behind** means add.

- **Corrected Real-World Time**  
The true time for a given **DVR recorded** timestamp after applying discrepancy.
- **DVR Time for Real-World Event**  
The **on-screen** time you should dial to on the DVR to locate a known real-world event.

### Practical examples

- **Find true time of a clip**
  1. Enter live discrepancy. 2) Enter the clip's on-screen **recorded** timestamp.  
→ Tool returns the **correct real-world time** to cite in reports.
- **Find DVR time for a known event**
  1. Enter live discrepancy. 2) Enter the **real-world event** time from CAD/911 logs.  
→ Tool returns the **DVR timestamp** to scrub to.

### Best practices & accuracy tips

- **Timezones:** Keep everything in the **same timezone** as your device while you work.
- **Re-check drift:** Some DVRs keep drifting. If you're working for a long session, take a fresh **DVR Live Timestamp** and recalc.
- **Photograph the screen:** Capture the DVR live view and overlay **with a wall clock or phone** for auditability.
- **Document settings:** Note DVR timezone, DST setting, and NTP status in your case notes.

### Troubleshooting

- **“Please provide the DVR live timestamp.”**  
The required field is empty—enter it with seconds.
- **“Invalid timestamp format.”**  
Use full ISO-like input with seconds, e.g., YYYY-MM-DDTHH:MM:SS.
- **Results seem off by hours:**  
Check DVR timezone/DST and your device's timezone. Confirm both clocks.

- **Large/odd drift changes suddenly:**

The DVR might have auto-sync (NTP) or manual changes. Re-sample the live time and recalc.

#### **Limits & scope**

- **Single-point correction:** The tool assumes one stable offset between DVR and actual time. If the DVR time **changes mid-day** (manual tweak, power loss, DST flip), compute **separate segments**.
- **Uses your device clock:** If your device time is wrong, your results will be wrong. Sync before use.

#### **Notice / Disclaimer**

This utility is provided by **Online Policing Solutions, Inc.** as a complimentary aid.

**Accuracy is not guaranteed.** Users are responsible for **verifying** all outputs prior to any investigative, legal, or evidentiary use.