

Signal Storm for County Emergency Management

One Picture. Every Agency. Every Second.

The environment you actually work in: rural roads that flood in 20 minutes, an elderly population without smartphones, a volunteer fire department across the county line, a state EOC that wants updates every hour, and a board of commissioners who will hold you to account when it goes wrong.

Signal Storm is the field coordination layer built to the **Watchman Doctrine** — designed for multi-agency response where every second and every acknowledgment matters.

The Coordination Gap in County Response

- USGS gauge rises; nobody watches it live
- 911 calls start; sheriff dispatches deputies on Channel 3
- VFD toned out on Channel 5; mutual-aid county on Channel 7
- Public alerted via IPAWS if someone remembers to file the request
- Door-to-door evac assignments happen by shouting across a parking lot
- Shelter capacity tracked on a whiteboard
- After-action report to commissioners takes six weeks; the lawsuit takes six years

Every gap between those steps is where trust in local government erodes. And where preventable deaths happen.

The Watchman Doctrine, Applied to County EM

See First	USGS + NWS + local sensors + soil saturation fused into one operational picture — before the 911 calls start.
	IPAWS for the public, targeted alerts for volunteers, coordination alerts for mutual-aid partners — three audiences, one platform, acknowledged.
	Door-to-door evac assignments by street segment. Live evacuation status. Shelter capacity in real time. Nothing on a whiteboard.
	Deputies, VFD, and volunteer locations on one map. Responder biometrics for wildland or extended-duration events. Full audit for the inevitable review.

What Signal Storm Delivers to a County

- **Predictive alerting** — pre-alerts on rising gauges, incoming weather, sensor triggers
- **Multi-channel warning** — IPAWS + targeted volunteer alert + mutual-aid coordination in one workflow
- **Volunteer + mutual-aid coordination** — skills, availability, location, acknowledged tasks
- **Evacuation management** — assignments by street segment, live status, shelter capacity
- **CAD interoperability** — plays with your existing dispatch, doesn't replace it

- **State EOC feed** — WebEOC / statewide platform integration
 - **Auditable timeline** — one query produces the commissioner briefing and the court exhibit
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Who at a County Buys This

Primary: Emergency Management Director / Coordinator **Champion:** Deputy EM or Ops Lieutenant (the person who writes the AFG grant) **Sponsor:** County Judge, Sheriff, or Board of Commissioners **Approvers:** Board vote for any purchase over \$50K; commissioners on multi-year

Typical deployment size: **\$100K–\$650K** initial + **\$50K–\$150K/year** ongoing, depending on county population, agency count, and hardware needs.

Funding Pathways

- **FEMA AFG (Assistance to Firefighters Grant)** — communications and interoperability equipment eligible
- **DHS SHSP (State Homeland Security Program)** — regional interop and preparedness
- **FEMA EMPG (Emergency Management Performance Grant)** — planning and coordination capacity
- **BRIC (Building Resilient Infrastructure & Communities)** — for flood-prone counties, coordination-tech eligible
- **State EMA grants** — most states pass through federal funds with local matches
- **County operating budget** — safety line item; often mid-year supplemental after an incident
- **Insurance / municipal risk pools** — documented capability drives premium credits

We provide grant-narrative language for every one of the above. Your deputy shouldn't be starting from a blank page.

Proof of the Doctrine

Signal Storm's county deployment integrates: - **Multi-source predictive picture** — USGS, NWS, local sensors, soil saturation - **Three-audience alerting** — public (IPAWS), responders (targeted), mutual-aid (coordination) - **Volunteer/mutual-aid coordination** — skills, location, acknowledgment tracking - **Evacuation management** with live status and shelter capacity - **State/federal EOC interoperability** — CAP / EDXL / WebEOC feeds - **Auditable end-to-end timeline** for after-action and legal review

Every capability maps to a Watchman Doctrine tenet. If it doesn't map, it isn't in the platform.

The Next Step

We don't demo — we run a **live operational trial** during your next drill. Bring your agencies, your terrain, your worst-case scenario. In one exercise, we'll show you what a doctrine-aligned coordination layer looks like in your county.

Request an operational trial: signalstorm.io

Signal Storm — a product of Intrepid Logic, LLC. Service-Disabled Veteran-Owned Small Business. Katy, Texas. SDVOSB set-aside eligible.