

Constellation Response x AT-LABS

# THE RESPONSE CRATE

A complete Tactical Operations Center in a box. Open it up and your team has a full comms backbone — no IT staff, no satellite bill, no cell dependency.

## RADIO INFRASTRUCTURE

|                               |                                                                                                      |
|-------------------------------|------------------------------------------------------------------------------------------------------|
| <b>15 × RM-2 Radios</b>       | Included and ready to deploy. Slot in when stored, begin charging immediately. No separate chargers. |
| <b>Integrated LoRa</b>        | Long-range mesh backbone on the Meshtastic ecosystem.                                                |
| <b>Wi-Fi HaLow (802.11ah)</b> | Extended-range, high-bandwidth link for voice, video, and data.                                      |

## DEPLOYMENT

|                           |                                                                                                         |
|---------------------------|---------------------------------------------------------------------------------------------------------|
| <b>Internal Battery</b>   | Self-powered — server and networking stack run on internal battery. Shore power input for extended ops. |
| <b>Rapid Setup</b>        | Power on, radios charge, TAK server comes up automatically. No config in the field.                     |
| <b>Vehicle-Deployable</b> | Fits truck bed, trailer, or vehicle interior. Goes where the mission goes.                              |
| <b>Made-to-Order</b>      | Built to spec. Not a consumer product.                                                                  |

## BUILT FOR

|                               |                                                 |
|-------------------------------|-------------------------------------------------|
| <b>SAR Teams</b>              | TAK + 15 charged radios from a single box.      |
| <b>Emergency Management</b>   | Deployable TOC with no subscription costs.      |
| <b>Law Enforcement / SWAT</b> | Owned C2 node. No tower dependency.             |
| <b>Wildland Fire / ICS</b>    | Works in terrain that kills cell and satellite. |

## ECOSYSTEM COMPATIBILITY

|                               |                                                               |
|-------------------------------|---------------------------------------------------------------|
| <b>RM-1 / RM-2 Compatible</b> | All AT Labs accessories work with cradle-charged units.       |
| <b>TAK Ecosystem</b>          | ATAK, WinTAK, iTAK — works with your existing infrastructure. |
| <b>Open Protocol</b>          | Meshtastic firmware. No proprietary lock-in.                  |

## COMMAND & CONTROL SOFTWARE

|                                |                                                                                                                                                           |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Onboard TAK Server</b>      | Full TAK server running locally. ATAK, WinTAK, and iTAK compatible. No cloud required.                                                                    |
| <b>XTOC Bundle (Exclusive)</b> | AI-powered offline tactical ops software. Intelligent resource tracking, offline situational awareness, ICS-compatible workflows. Not sold anywhere else. |
| <b>SignalReach</b>             | Bespoke repeater planning software. Map your AO and model optimal node placement before boots hit the ground.                                             |
| <b>CommandReach</b>            | Remote admin software. Manage radios and network config from the TOC without touching individual units.                                                   |
| <b>TopoReach</b>               | Radio provisioning for Cal/SARTopo. Gets your team on the map fast.                                                                                       |
| <b>NodeReach</b>               | Radio provisioning for Meshtastic. Streamlines setup for mixed-firmware deployments.                                                                      |
| <b>Offline-First Design</b>    | Every software component runs without internet. Connectivity is a bonus, not a requirement.                                                               |

## PRICING

**Quotes starting at \$25,000**

Made-to-order. Custom configurations available.

Contact us to get a quote.

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