

# OAK Joint Fires

## Joint Fires & Targeting suite

Unclassified · representational · planning / training / analysis

Closes the **sense** → **decide** → **task** → **assess** loop on top of the OAK DEFENSE EW SUITE: turns the multi-INT fusion picture into prioritised, deconflicted, assessed fire missions. Vacuum-ballistic gun solutions and notional CARVER / latency / lethality models — a planning and training aid, not a fire-control or targeting system.

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### Call-for-Fire & Fire-Mission

Gun solution (range/bearing/QE/TOF), sheaf geometry, lethal-area coverage and danger-close — on a tactical map.

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### Target Nomination / HPTL

Multi-INT fusion → CARVER × payoff × accuracy scoring → a ranked High-Payoff Target List with target folders.

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### Dynamic Targeting (F2T2EA)

Find-Fix-Track-Target-Engage-Assess latency vs the target's exposure window — does the kill chain close in time?

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### Fires Deconfliction

Airspace coordination AND EW/NAVWAR fratricide — catches a GPS round flying through a friendly GNSS-denial window.

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### BDA & Re-attack

Probability of damage from CEP × lethal radius × rounds, damage level and a re-attack recommendation — closing the loop.