INT-02 Radio Traffic Situational Awareness

Read what the radio tells you before anyone says a word.

BOTTOM LINE UP FRONT

RTSA is the disciplined practice of monitoring open, lawful radio communications and extracting operational assessments from traffic structure, volume, and pattern -- not message content. When an incident develops, nets coordinating the response reflect system health in real time, often before any public information is released. This course teaches legal foundations, network architecture, baseline methodology, and the structural and pattern tools that produce defensible assessments. No prior radio experience required. A scanning receiver is the only equipment prerequisite.

WHY THIS MATTERS

Most situational awareness channels go silent or contradict each other exactly when you need them most. RTSA gives you a parallel data stream that operates independently -- it does not require anyone to decide to share information with you.

Transmission density, net discipline, silence intervals, and relay chain depth all change measurably before verbal reports reach the public. A fragmenting net tells you the system behind it is under stress. A net that goes quiet in a specific sector tells you where resources are concentrating. The pattern is the signal -- readable without decoding a word of content.

▶ **There is no other preparedness course that teaches radio traffic analysis as a structured intelligence discipline. This is the only one.**

THE EIGHT LESSONS

1	**Legal, Ethical & Conceptual Foundations** Federal law framework, lawful monitoring vs. interception, and the code of conduct. Non-negotiable.
2	**Communications Systems Architecture** Six net types, NCS structures, relay configurations, and the four stress points where networks fail.
3	**Establishing Baseline Conditions** Five baseline metrics, Baseline Profiling Matrix, session typing, and baseline drift. Baseline collection precedes every valid assessment.
4	**Structural Analysis & Net Discipline** Four discipline indicators, Structural Stability Index scoring, and the four-stage degradation sequence through chaos or reset.
5	**Traffic Pattern Analysis** Five quantitative metrics, transmission density curve, silence interval analysis, and congestion mapping.
6	**Content Categorization** Six message categories, content frequency analysis, distribution shift as escalation indicator, and narrative bias prevention.
7	**Cross-Net Correlation** Correlation matrix, geographic gradient analysis, time-lagged propagation, and the three conditions required before treating correlation as a finding.
8	**Temporal Trend Analysis & Reporting** Five-phase incident trajectory model and the eight-section RTSA Assessment Report with required ethical compliance statement.

HOW EACH LESSON WORKS

Doctrine first	Legal framework (ECPA, FCC Part 15/97), ICS communications doctrine, and the tradecraft principles behind pattern analysis. You learn why the method works, not just what the steps are.
Application second	Household perimeter monitoring, developing incident tracking, neighborhood activity assessment -- every concept applied to realistic preparedness scenarios with logging worksheets.
Knowledge checks	Five questions per lesson test application, not recall. Right answers include full reasoning. Wrong answers send you back to the relevant section.
Prerequisites	None required. A scanning receiver or SDR is the only equipment. INT-02 is the foundational course for future INT-series traffic analysis modules.