

# Master Case Study: SensAI Central

## America Government PoCs (2025)

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This master case study consolidates three national-level SensAI Proofs of Concept executed across a Central America country in November 2025:

1. Ministry of Defense (MINDEF) – Counterintelligence & Integrity Screening
2. Antinarcotics Division (AntiNarc) – Deception Detection & Internal Risk Indicators
3. National Civil Police (Police) – Recruitment & Promotion Integrity Screening

Across all agencies, SensAI demonstrated strong capability to detect deception patterns, uncover risk markers and support security critical decision making.

### 1. MINDEF – Military Intelligence & Firearms Licensing

The MINDEF PoC confirmed SensAI's capability to detect deception across structured integrity interviews.

Key outcomes:

- ✓ 100% of participants demonstrated at least one deception correlation.
- ✓ 71% showed multiple high-deception indicators.
- ✓ Strong deception detected around: Organized Crime, Drug Trafficking, Confidential Information Leakage and Illicit Personal Benefit.

**SensAI enabled rapid identification of concealed affiliations and internal corruption risks.**

### 2. Antinarcotics Division

The AntiNarco PoC measured deception linked to narcotrafficking exposure, information selling, and personal integrity.

Findings:

- ✓ 73% deception indicators for Illegal Drug Use & Selling Confidential Information.
- ✓ 64% deception indicators for Narcotrafficking connections.
- ✓ 55% deception indicators for Organized Crime.
- ✓ Deception-level patterns enabled interrogators to focus on hidden misconduct efficiently.

**SensAI proved highly effective for antinarcotics integrity workflows.**

### 3. National Police Academy & Promotions

This PoC included the largest sample group, with 40 candidates interviewed.

Key findings:

- ✓ 75% high deception indicators for Illicit Benefits.
- ✓ 71.4% for Entry Bribery.
- ✓ 68.3% for Undiscovered Crimes.
- ✓ 60% for Criminal Links.

**SensAI enabled fast, accurate triage of high-risk candidates and improved background check efficiency.**

### 4. National-Level Conclusion

Across the Ministry of Defense, Anti-Narcos and National Police, SensAI consistently identified deception linked signals associated with:

- Corruption
- Narcotrafficking involvement
- Information leakage
- Criminal affiliations
- Hidden misconduct

The technology is validated as ready for nation-scale deployment across:

- Recruitment
- Promotion processes
- Counterintelligence units
- Internal Affairs
- Anti-Corruption Offices

