# DFUZE

## ON-PREMISE AI

Your Intelligence, your Control, on your Terms.

**Artificial Intelligence**
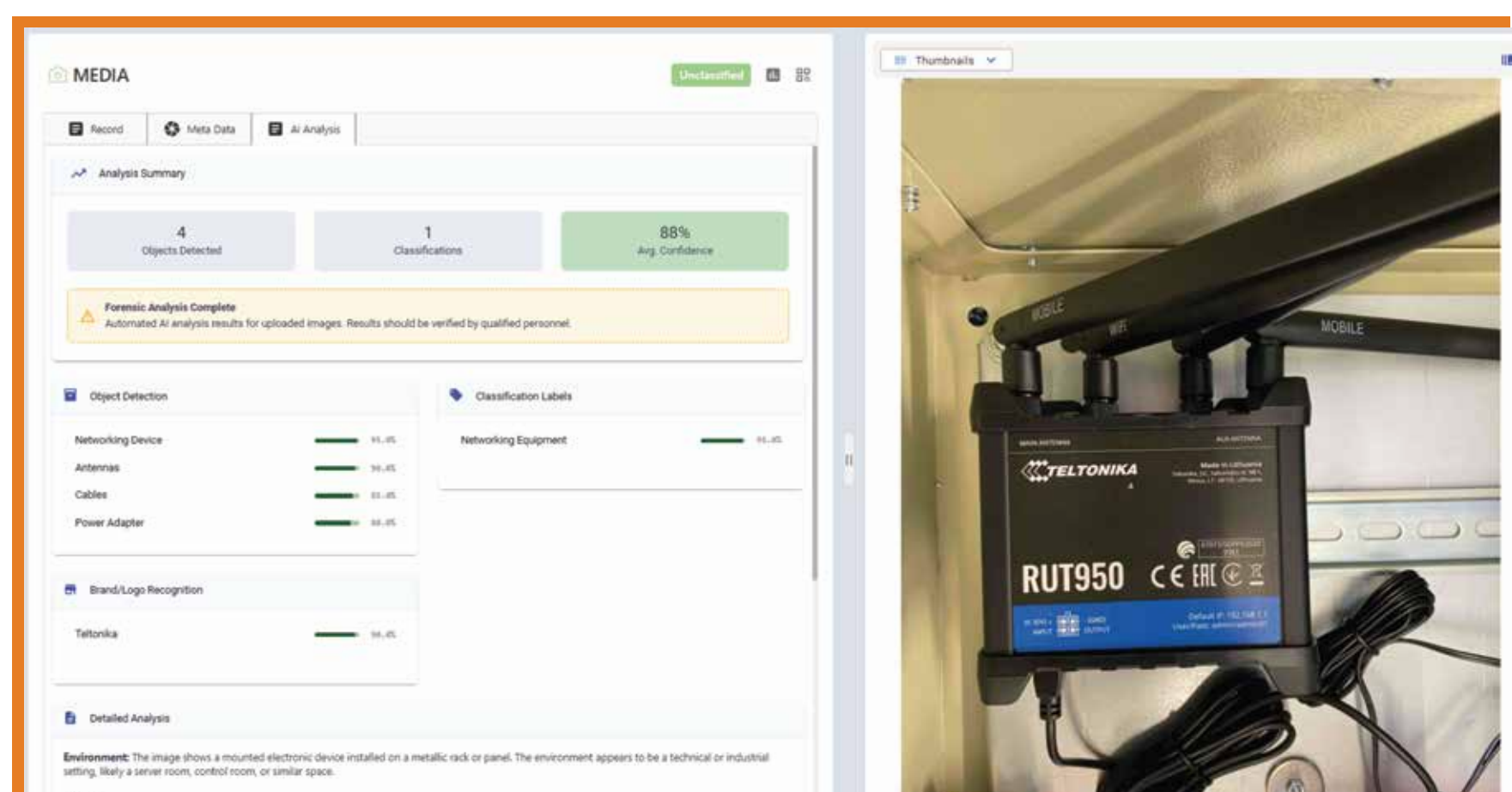
## PRODUCT OVERVIEW

Dfuze On-Premise AI Capabilities deliver secure, scalable, and high-performance artificial intelligence directly within your organisation's own environment. Designed to meet the demands of modern intelligence and security operations, these capabilities empower teams to process, analyse, and act on critical data in real time, all while ensuring full data control and compliance.

From threat detection and rapid situational awareness to forensic analysis and decision support, our on-premise AI transforms how agencies manage intelligence, investigations, and security challenges.

## KEY FEATURES

- **Image Recognition:** Detect weapons, devices, markings, and components in seconds

- **Entity Extraction:** Identify explosives, detonators, chemicals, RF devices, and more from text

- **AI Summarisation:** Instantly generate clear, mission-ready incident summaries

- **Multilingual Translation:** Translate captured text and foreign language reports into English

- **Adaptive Learning:** Learns from user feedback to improve accuracy over time

**Download Our Product Brochure**

# CHALLENGE

Barriers faced by forensic teams during rapid exploitation and triage in high-pressure environments.

## SOLUTION

Dfuze On-Premise AI accelerates forensic workflows and empowers front-line intelligence.

**1** ### DATA PROCESSING

Time-critical decisions are hindered by slow, manual review of images, text, and media

### RAPID ON-SITE ANALYSIS

Images, documents, and reports are processed in seconds — on your hardware, at the point of need

**2** ### OFFLINE ENVIRONMENTS

Field teams often operate without internet or access to cloud-based AI services

### OFFLINE DEPLOYMENT

No external connectivity needed. All AI runs securely within your forensic lab or forward base

**3** ### INTELLIGENCE OUTPUTS

Understanding how AI reaches its conclusions can be difficult, making it challenging for users to trust and act

### ACTIONABLE RESULTS

Structured outputs, visual highlights, and terminology aligned with forensic workflows enable faster decisions

---

# RESULT & INSIGHTS

These insights illustrate how leveraging advanced technology can drive improvements in both immediate actions and long-term strategic outcomes
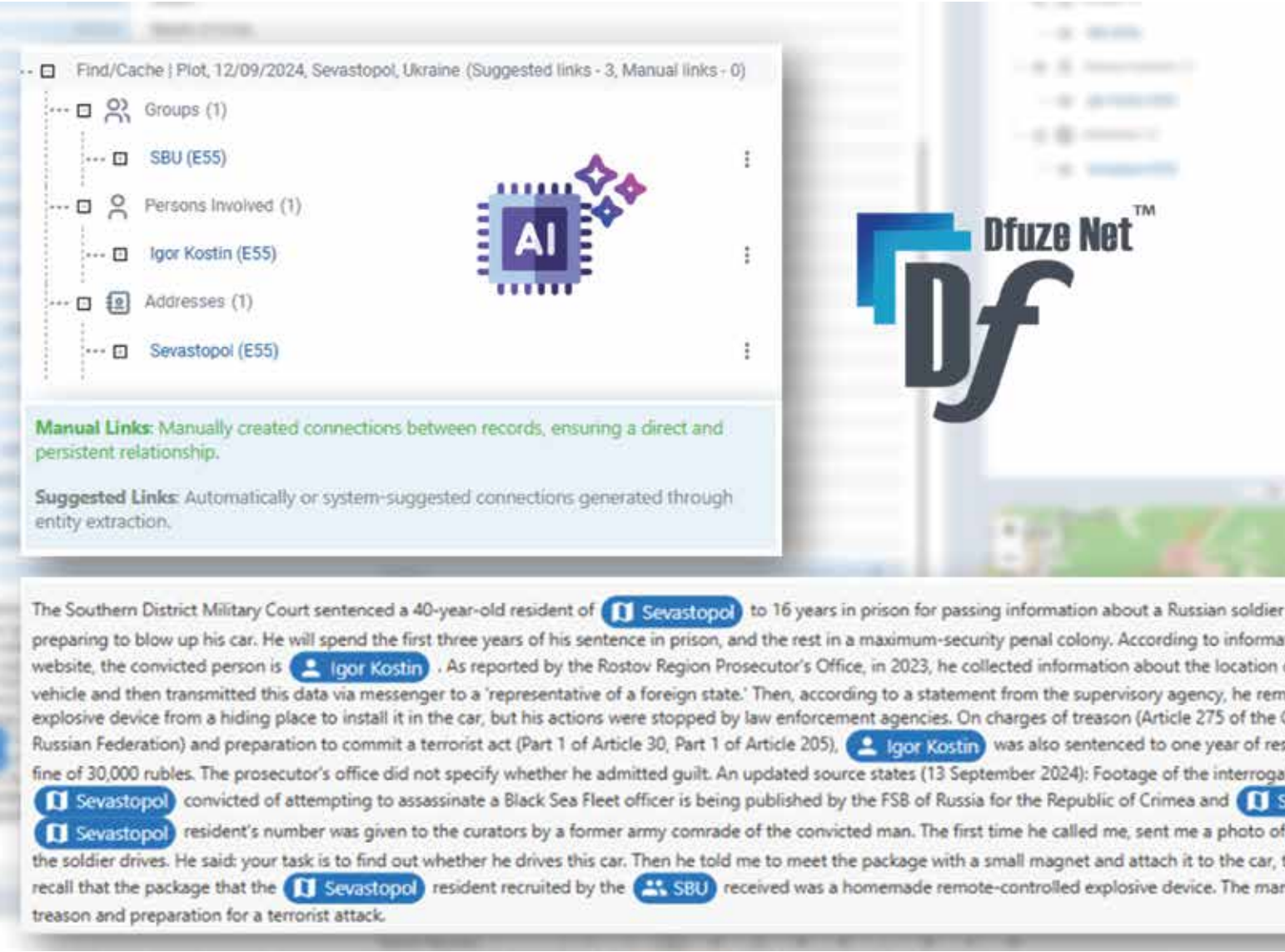
✔ **Enhanced Data Sovereignty**
100% of your data remains under your control, aligning with data protection standards

✔ **Faster Intelligence Turnaround**
Delivers critical insights and summaries in seconds, empowering faster, decisions

✔ **Model Flexibility**
Select from a list of models, ensuring optimal performance for each mission

✔ **Continuous Improvement**
Our ongoing R&D with our customers ensure that our models remain at the cutting edge of technology



## Get In Touch ▶

📞 +44(0) 207 060 9730

📍 Innovation House, Discovery Park, CT13 9FF, Sandwich, UK