



GeoAI in Modern Warfare and Intelligence Gathering

By Rhea Mukherjee

Current Use Cases of GeoAI in Defense



United States

U.S. Customs and Border Protection is trying to build surveillance systems using GeoAI to limit border crossings



Israel

Israel's military is testing and deploying AI surveillance systems in Palestinian territories



Ukraine

Ukraine is integrating target and object recognition into their military capabilities in their fight against Russia

NATO



“To preserve and further advance our technological edge is one of the key pillars of the NATO 2030 agenda. And in this effort, geospatial artificial intelligence — or GeoAI — is a key area which will revolutionize the way that we look at GEOINT in the future”

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The Future of GeoAI in Warfare & Intelligence



- Detecting changes in landscapes
- Enhancing troop movements
- Improving reconnaissance
- Automating surveillance
- Providing real-time decision making
- Identifying at-risk populations

Questions?

Thank you!