Mapping AI to the GEOINT Workforce

MeriTalk, in collaboration with USGIF, surveyed 150 GEOINT stakeholders to explore the intersection of AI and the GEOINT workforce

AI on the Map

91% of GEOINT stakeholders believe AI has the potential to greatly improve GEOINT effectiveness – with the largest impacts on:

#1 National security

#2 Emergency response

#3 Urban planning

77% believe the average GEOINT role will involve human-machine teaming within the next five years

Organizations implementing or benefitting from GEOINT-related AI are focusing initial applications in:

#1 Data mining, analysis, fusion, and processing

#2 GIS and analysis

#3 Data visualization

Peaks and Valleys

Biggest challenge to expanding AI over the next decade?

The workforce skills gap

While **66%** are say they're investing in AI skills development

Just **33%** have a formal strategy for adapting the workforce to AI

Top skills needed?

#1 Advanced statistics, analytics, or mathematical modeling

#2 Critical thinking

#3 Data visualization

Charting the Path Forward

How can GEOINT leaders accelerate the adoption and impact of AI?

52% **#1** Work with universities to create curriculum focused on evolving GEOINT technology

51% **#2** Design new training programs specific to AI skillsets

46% **#3** Integrate the skills needed for AI within existing training programs

Most beneficial AI training formats:

42% **#1** Partnerships with data scientists to understand the inner workings of AI

41% **#2** Small working groups dedicated to AI implementation

41% **#2** Boot camps focused on real-world training scenarios

Download the full report to learn more:
meritalk.com/study/mapping-ai-to-the-geoint-workforce/