



Underwritten by: **F**#RTINET FEDERAL. maximus

FEDERAL EDITION:

The Art of **Human and Al Teaming in** Cybersecurity

MeriTalk and RSA Conference™ surveyed 100 Federal cybersecurity decision-makers in February 2024 to explore agency perspectives on the growing use of artificial intelligence (AI) in cybersecurity.



Early AI efforts are strengthening Federal defenses:



of Federal cyber leaders say their agency is using Al for cybersecurity today;



working toward adoption

are actively

According to those implementing or utilizing Al:



Successfully detected a vulnerability

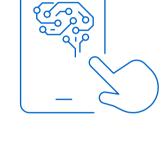
53%

Gained information on the threat landscape



Proactively responded to a threat

Accelerated incident response times



Less than one in three fully trust AI to automate cybersecurity decisions

But trust and governance issues may delay progress:





And just 32% describe their current AI governance as robust

58% don't have formal application assessment and adoption procedures

What's missing?

58% don't have critical infrastructure policies

53% don't have formal ethical guidelines



Additional barriers to adoption include fears of

of skilled workforce to implement the technology, and data quality, integrity, or availability challenges

Future resilience relies on collective intelligence:

increased attacks on new AI models or services, a lack



Despite challenges, say accelerating AI adoption is **critical** to their

agency's resilience against evolving threats

feel human-Al collaboration will become the cornerstone of effective cyber strategies

As Al advances, what do you see as the ideal division

of work between cyber professionals and AI?

49% 51% 52% 48%

Human

61%

Strategic

planning

Cyber risk

39%

36%

Compliance

and governance

Threat detection

assessment and response

knowledge, not the other way around. - Public sector cyber leader

Aim for human-Al cooperation. Al complements human

Learn more:

Download the full report for **detailed results** - including public sector comparisons - and recommendations:

meritalk.com/study/art-of-human-and-ai-team-cybersecurity





