

2024 AEROSPACE SUPPLY CHAIN HEALTH CHECK

Survey Results



This survey polled Aerospace Industries Association (AIA) members on key issues including impacting the supply chain including workforce challenges, government regulations, and technological implementations. More than 20% of AIA Supply Chain Policy & Advocacy Council members responded to this online survey, conducted in October 2024.

Workforce recruitment and retention remains a challenge for the A&D industry.

Recruitment

AIA members ranked their top challenges in attracting new workers:



Limited recruitment base



Lack of STEM talent



Lack of skilled labor

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Retention

AIA members ranked their top challenges in retaining current workers:



Wage competition



Challenges with workforce perceptions of the aerospace industry



Skilled labor retirement

Technology is a priority for the industry, but poses its own set of obstacles.

AIA members have voiced significant concerns about the challenges of implementing new technologies in their businesses. Including:



Cybersecurity Challenges



Need for Automation



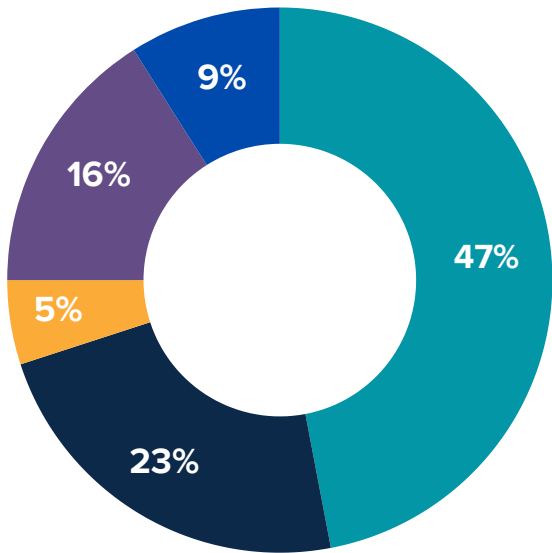
Digital Thread Adoption



Artificial Intelligence



Other

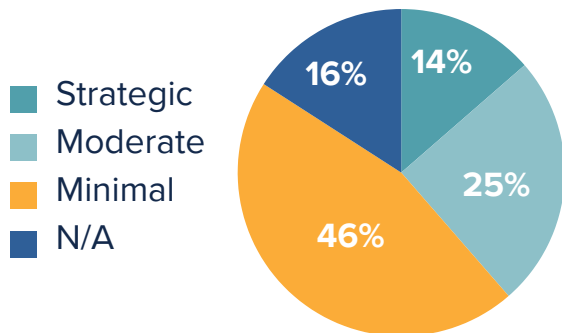


New technology is creating new opportunities for the A&D supply chain.

AIA members have expressed interest in the anticipated deployment levels of the following technologies over the next 12 months:

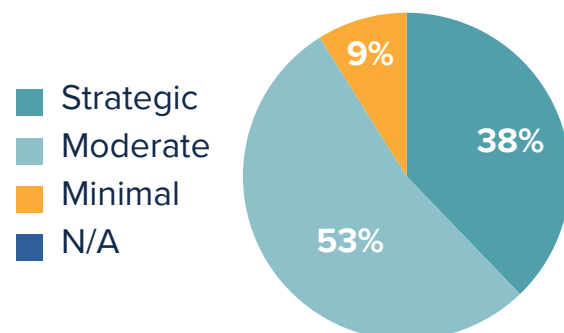
Artificial Intelligence

AIA members anticipate investing in new AI / Machine Learning for optimized operations deployments:



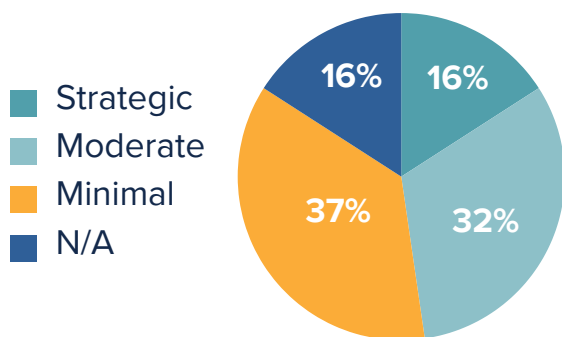
Cybersecurity Measures

AIA members anticipate investing in new cybersecurity measures:



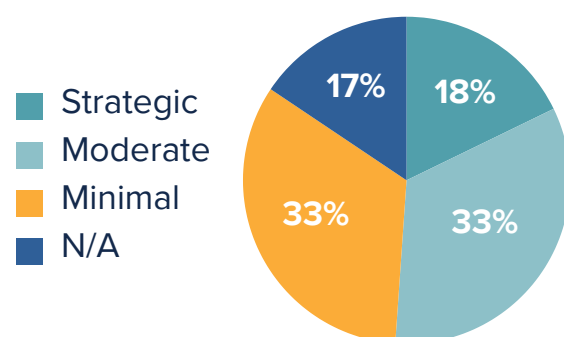
Digital Thread/Engineering

AIA members anticipate investing in digital thread/engineering:



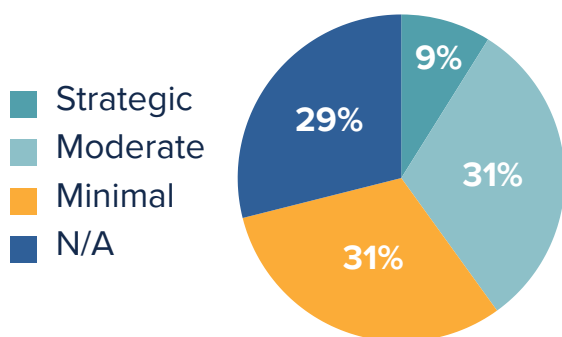
Back-office Automation Solutions

AIA members anticipate investing in back-office automation solutions:



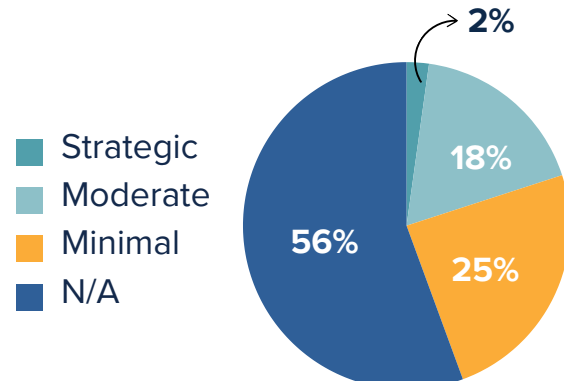
Smart Factory Solutions

AIA members anticipate investing in new smart factory solutions:



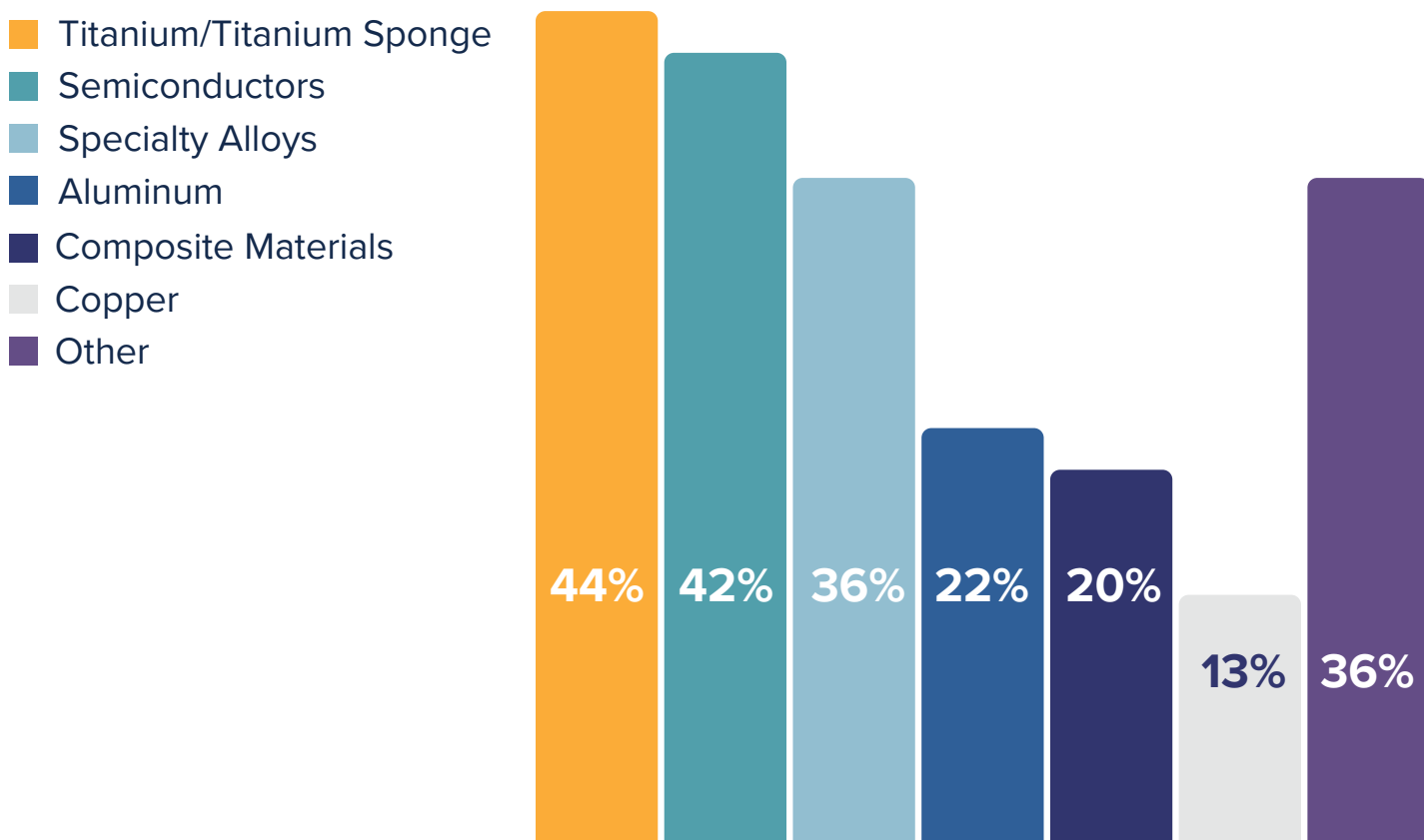
Large Language Models

AIA members anticipate investing in large language models:



Critical Materials & Minerals of Concern

AIA member companies ranked up to their top three supply chain materials or minerals they are most concerned about in the aerospace supply chain.



Thank you to our members who participated in this survey.

For more information, visit aia-aerospace.org/g/issues-advocacy/supply-chain/