

NFPA Business Intelligence

Artificial Intelligence Series - Survey #3 – Manufacturing,
Engineering and Related Functions

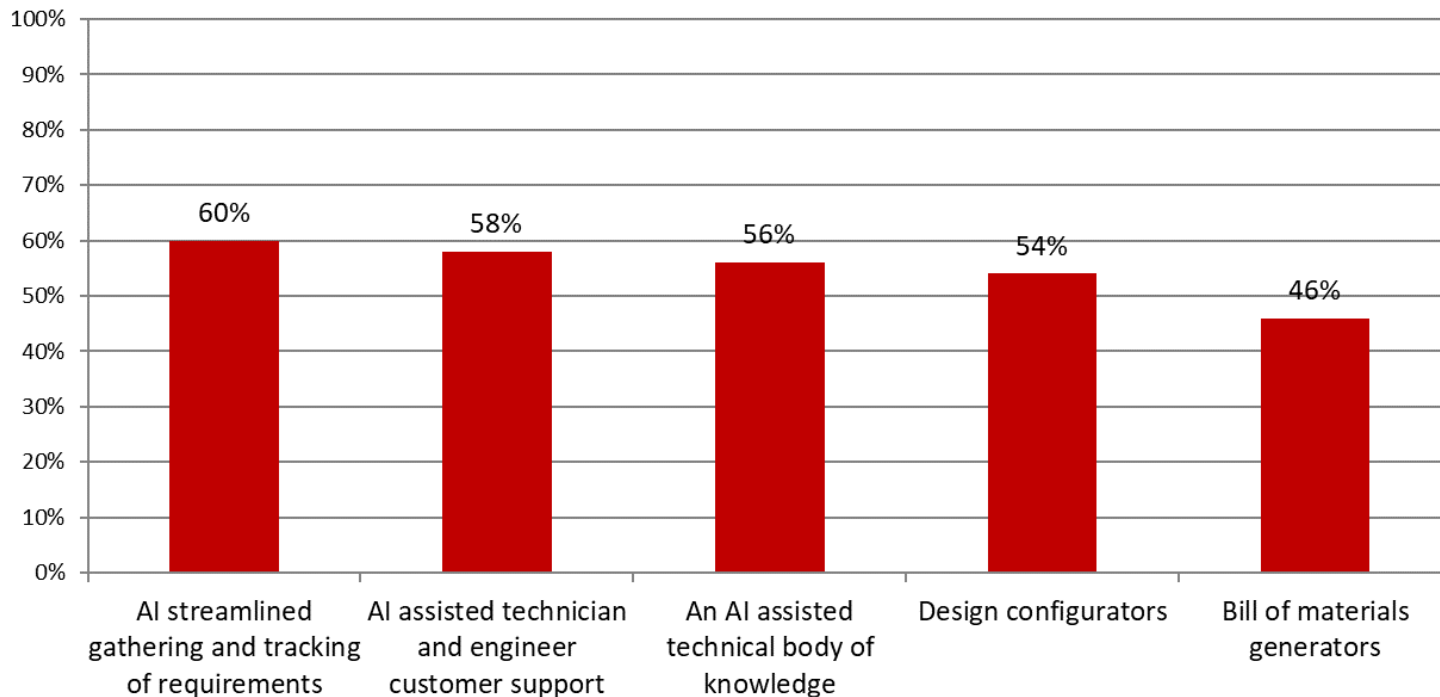
Conducted July 2024. 53 respondents.



Use cases related to manufacturing, engineering and related functions



Please look at the list of AI use cases below, and place a check by the top three in terms of short term impact and ease of implementation.



Comments/Other:

Predicting component and BOM cost before getting quotes

Automation of order entry into ERP; order processing

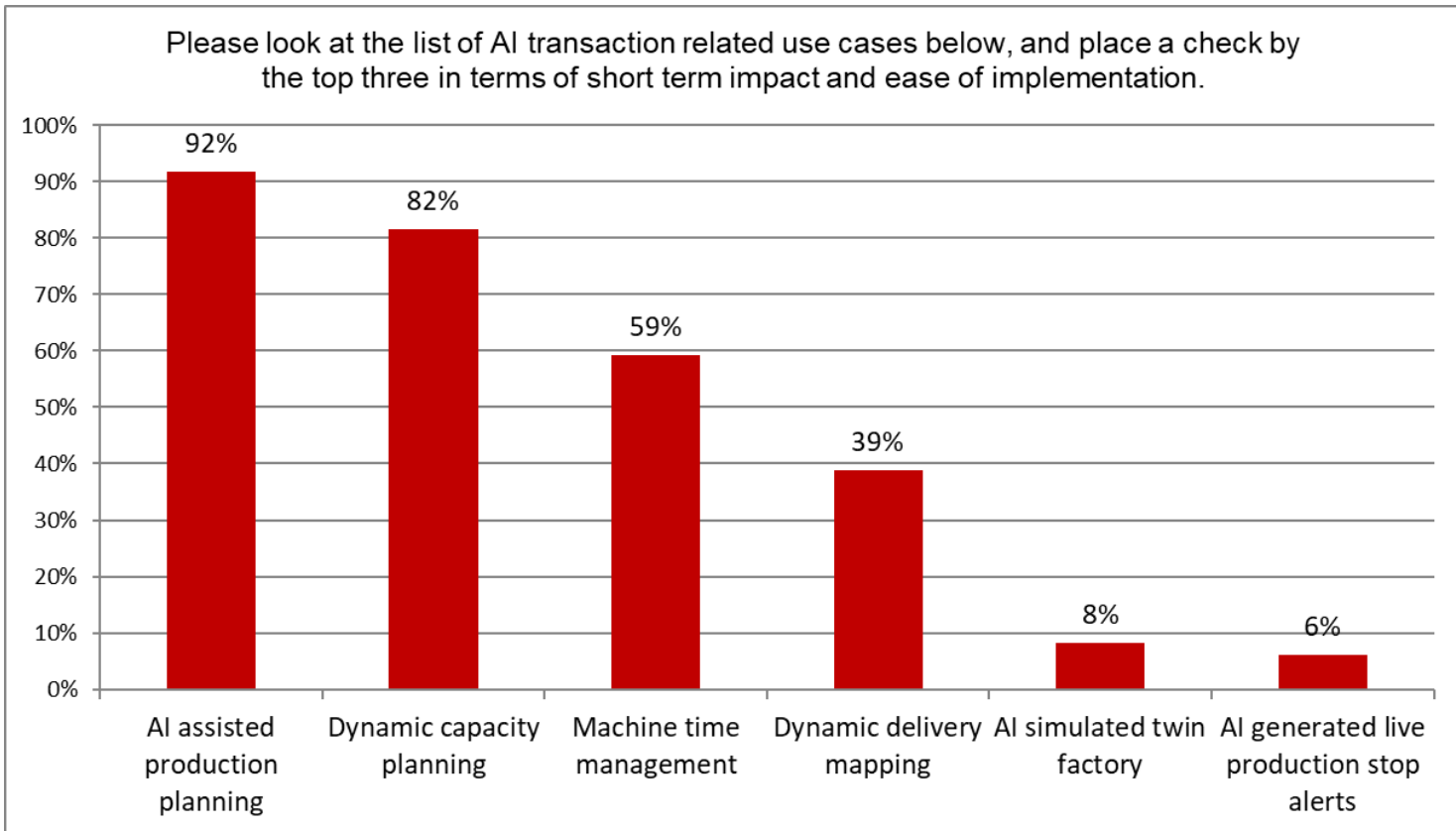
Base and control code for new microprocessors and sensors

Internal tool to search existing technical and commercial documents for support on application engineering/sales

AI assisted recruitment for open positions

AI assisted training for employees without fluid power experience

Use cases related to manufacturing, engineering and related functions



Comments/other:

Automation of clerical work in purchasing

Purchasing requirements, long term needs and alerts; Marketing and Communications

Our top areas: HR support; AR automated processes;

As a distributor, the production AI items don't apply to us, but are excellent use cases

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Thank you to those who responded to this survey.

Questions about this survey, or suggestions for future survey topics...
contact Pete Alles at 414-778-3350 or palles@nfpa.com

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