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AI REINVENTS AEROSPACE AND DEFENSE BUSINESS MODELS

VIDEO TRANSCRIPT

Artificial Intelligence reinvents aerospace and defense business models

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AI's capabilities are advancing at such an incredible speed that it's outpacing the industry's ability to adopt these new technologies. One key challenge is the shortfall in talent. And that's particularly acute when it comes to the ability to harness the power of people and smart machines working together. In Accenture's most recent Technology Vision report, 90% of executives say talent is the top challenge they face in trying to scale proofs of concept. And while more than two-thirds of executives say they have implemented AI, or are trialing it, in at least one area of their business, only one in five say they're scaling the majority of their digital pilots to deliver superior returns, a better customer experience, or greater operational efficiency. Improving that performance is critical if aerospace and defense businesses are going to take advantage of innovative as-a-service business models, in which 85% of executives say they plan to invest.

So what do aerospace and defense companies need to do to scale from pilots and into production so they can realize greater operational efficiency and drive improved customer experience? We've identified four key imperatives.

The first is to learn from the as-a-Service business models from non-aerospace organizations– including the Silicon Valley tech firms now venturing into aerospace and defense. Next, AI has to become an essential part of a comprehensive digital strategy, integrated into existing and future processes. Third, equipping the workforce with the right AI skills is essential – so that every process benefit from the optimal combination of people and machines. And finally, make sure that investments are directed only to those pilots that have a strong long-term business case and focus hard on scaling and driving those projects into production.

AI offers major value opportunities. To unlock them, companies must reskill the workforce and build the right business cases.