

# International Symposium on Artificial Intelligence - Machine Learning in Safety Critical Systems

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## PROFILE



### **Mr. Satish Thokala**

**Aero & Def Industry Manager  
MathWorks**

Satish Thokala is Aerospace and Defense industry manager at MathWorks. He has ~20 years of experience in teaching, government and private aerospace establishments including Hindustan Aeronautics Limited and Collins Aerospace.

In the current role, he is responsible to analyze technology adoption in the AeroDef industry, and develop strategies to increase the adoption of Model-Based Design with MATLAB® and Simulink® in end-to-end system design.

His area of expertise is Avionics systems for both military and civil aircrafts. Early in the career, Satish contributed to the design and development of communication radios and field trials of the same on Jaguar and MIG fighters.

He led large engineering groups developing software for cockpit systems and autonomous systems and participated in the DO-178 certification audits. Satish is also member of SAE India Aerospace Forum