

Executive Biography



Raju Mattikalli
Senior Technical Fellow
Digital & Systems Engineering
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Innovation

Raju Mattikalli is a Senior Technical Fellow in Digital & Systems Engineering and Applied Mathematics, Engineering & Technology Innovation. His area of expertise is Generative Design and Optimization, System Level Design, Mathematical Modeling, Operations Research, Geometric Modeling, Networked Systems and Robotics.

He currently leads a generative design effort called GRIT for wire routing design assistance and automation. Previously he led efforts on wire routing for VC-25B, 777x and 787, configuration design optimization of avionics platforms for 777x and 787, optimal sensor positioning for border security, functional integration (FI) on the 787, and for new traffic engineering capabilities for US Navy tactical networks.

Previously, at Terabeam, a free-space optical networking startup, he developed network design and optimization tools.

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