

COLLABORATIVE ONLINE NETWORK FOR CAPABILITY AND TEAMING

OVERVIEW:

CONNECT is MMEC's AI enabled platform for discovering capabilities across the U.S. microelectronics ecosystem, identifying who can build what, where those capabilities exist, and how they integrate across hundreds of organizations and thousands of toolsets.

Built for the consortium, government agencies, and program offices driving the mission, CONNECT delivers insights no public LLM can provide, grounded in secure ecosystem specific data that public AI systems cannot access.

EXAMPLE QUESTIONS CONNECT ANSWERS:

"Where are the gaps in domestic GaN RF design, fabrication, high-temperature characterization, and packaging?"

"Here are 15 companies and a program directive. Where are the capability gaps, and what investments or partnerships would help this group cover them?"

"What is the Cu Pillar fabrication process flow and who has fabrication equipment?"

BY THE NUMBERS:



CONNECT PLATFORM

WHY CONNECT?

Win Programs Faster

Identify the right partners in minutes instead of weeks. CONNECT accelerates teaming, strengthens proposals, and helps organizations move faster on new opportunities.

Activate Billions in Existing Infrastructure

Significant investments across the ecosystem only create value when they can be discovered and utilized. CONNECT transforms hidden or underused capacity into visible, accessible capability across the consortium.

Strengthen the Domestic Supply Chain

Understand where capacity gaps and single source dependencies exist, then quickly identify alternative suppliers and capabilities across the ecosystem to reduce program risk.

FEATURES:

- Conversational natural-language user interface
- Guided exploration that progressively narrows results through step-by-step refinement
- Resources & capability discovery: materials, tools, process flows, PDKs, IP, packaging, testing, etc.
- Member capability profiles and summaries
- Data-grounded answers with traceable sourcing

CONNECTING RESOURCES ACROSS THE MICROELECTRONICS ECOSYSTEM

