

Center for Advanced Technology Solutions (CATS)



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Struggling with an impossible technical problem that is limiting your success?

We have solved problems involving unique materials, legacy equipment, advanced processes, sensors, electronics, data, and nanotechnology. Whatever the next problem may be, we are here to help.

Let us tap into our resources to bring you a solution.

The Center for Advanced Technology Solutions (CATS) solves plant floor challenges with advanced materials, processes, and technology. The team derives deep process and technical knowledge from the Manufacturing Extension Partnership, the Manufacturing USA institutes, federal laboratories, and universities.

The goal is increased deployment of advanced technologies from various disciplines, including composite materials, additive manufacturing, digital manufacturing, robotics, thin film electronics, photonics, smart manufacturing, and artificial intelligence.

The CATS partnerships create a responsive ecosystem capable of assisting small and medium-sized manufacturers (SMMs) in adopting cutting-edge technologies.

CATS works through MEP centers or directly with manufacturers to leverage expertise or capabilities that assist with:



Solutions

Addressing barriers hampering company growth through introduction of off-the-shelf or emerging technology that overcome challenges.



Alternative Suppliers

Identifying alternative suppliers that can be leveraged to increase sustainability or attainability through the use of different materials or technology. Or bringing capabilities in house.



Dual Use Technology

Introducing clients to relevant IP that serves their commercial customers from NASA, DOD, Universities or other partners.



Testing & Validation

Supporting product development, improvement or advancement.



Modernize Companies

Introducing companies to appropriate technologies for their business, capabilities and stage.