

AMPLIFI

Advancing Technology. Driving Innovation. Accelerating Mission.

The Problem We Are Solving

Mission demands have changed. Execution models must follow.

Mission organizations are being asked to deliver faster, with greater technical complexity and no margin for delay. Legacy execution models introduce friction through fragmentation, duplication, and long lead times.

This gap between mission demand and execution capability is why AMPLIFI exists.

What Is AMPLIFI?

A mission accelerator and technology advancement execution model.

AMPLIFI connects national laboratories, production sites, and a vetted network of nuclear-manufacturing-capable universities through a neutral, disciplined framework that applies the right expertise to the right problem at the right time.

Delivering manufacturing-relevant solutions with clear transition paths to operations.

Execution, not experimentation.

AMPLIFI is not a university network or a collection of disconnected research projects. It is an execution system designed to reduce friction, accelerate delivery, and produce mission-ready outcomes.

Why the Model Works

Senior expertise. Distributed execution. Disciplined delivery.

AMPLIFI integrates:

- Senior nuclear subject matter experts providing technical oversight and continuity
- University-enabled R&D executed with nuclear-grade rigor and accountability
- Centralized program execution covering contracting, milestones, reporting, and coordination

This structure shortens the distance between ideas and impact while reducing the burden on laboratory and site personnel.

How This Helps Mission Teams

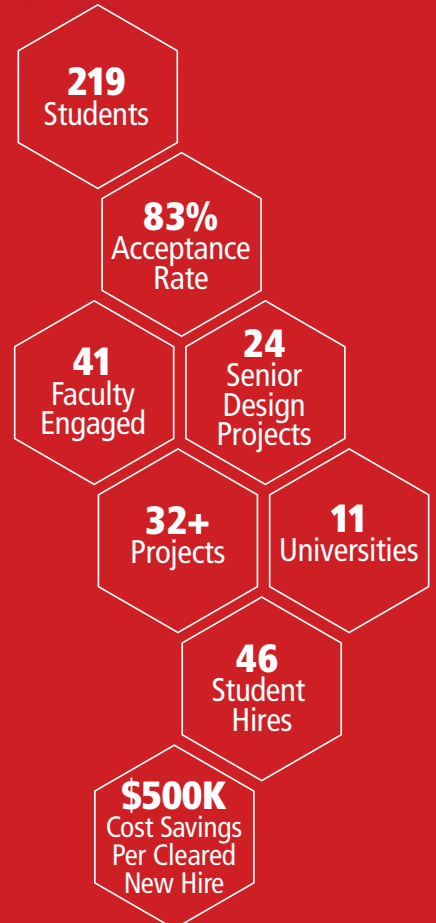
AMPLIFI enables mission leaders to move faster without increasing internal burden.

- Expands technical capacity without adding headcount
- Reduces coordination, contracting, and reporting workload
- Maintains technical rigor and accountability under senior SME oversight
- Accelerates transition from development to manufacturing or operations

Proven Impact

- Contract execution in 30–60 days
- Contract modifications in 2–7 days
- Reduced time and cost per cleared STEM hire

Driving Progress through Partnerships with STEM Students and Universities



Proven and Expanding

Validated in real mission environments.

- Originated at Los Alamos National Laboratory in support of the Accelerated Mission Plan
- Four years of successful execution
- Expansion underway across Savannah River, Pantex, Y-12, the U.S. Space Force, and international partners

This is scalability based on performance, not theory.

AMPLIFI is how high-consequence missions move faster without increasing internal burden.

Workforce and Enterprise Impact

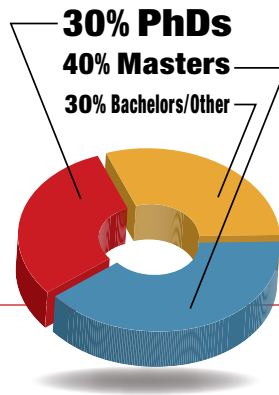
Building capability today while reducing long-term workforce risk.

- Students work on real mission problems with senior experts
- Accelerated readiness, improved hiring efficiency, and long-term retention
- Reduced cost per cleared new hire and sustained knowledge transfer

We're the Go-To Experts for Experts

Science & Engineering Expertise

TechSource is a leading high-technology science and engineering consultancy offering recognized expertise in nuclear and physical sciences, engineering and technology, domain knowledge, and decision analysis.



AMPLIFI strengthens the enterprise today while positioning it for future mission domains.

Complex Management Solutions

TechSource offers technical and management services, from policy to test bench, in coordination with point-of-interest expertise to organizations responsible for developing, implementing, operating, and managing high-technology programs nationwide.

Strengthening the Nuclear Security Enterprise for a Changing Future

AMPLIFI is a national innovation and manufacturing program strengthening the Nuclear Security Enterprise today, while positioning it to expand confidently into additional mission-critical domains as priorities evolve.

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