



# ACCELERATING THE IMPACT OF SYSTEM-OF-SYSTEMS SOLUTIONS WITH INDUSTRY AND GOVERNMENT

**When US leaders sought to kickstart entrepreneurship and economic growth, they worked across sectors to build a vibrant innovation ecosystem. When hackers penetrated critical systems, cybersecurity professionals shared threats and mitigations across domains to systemically prevent future incidents. When passenger vehicle crashes increased, automobile manufacturers and the government securely analyzed data to improve the real-world performance of advanced safety features.**

These are just a few examples of collaboratives that made an impact greater than any single organization could achieve on its own. Yet, quickly delivering mission impact together requires expertise and evidence-based methods.

MITRE Assemble™ harnesses the power of collaboration among government, industry, academia, and other partners to solve complex, at-scale challenges through systems-of-systems approaches. By placing partners' interests at the center of our work together, we successfully co-develop and co-resource solutions for our nation's most critical challenges.

“

Collaboratives are needed when partners face a problem of such scope or complexity that the solution is beyond the reach of any single party.

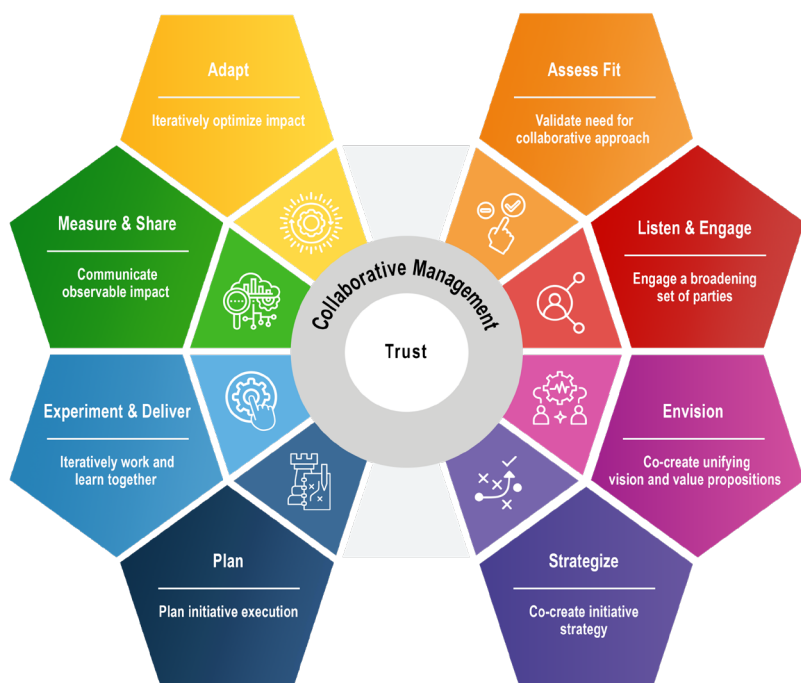
”

## Partnering for Impact at Scale

Today's complex problems are often too big to be resolved by just one party. In an interconnected and interdependent world, collaboratives are uniquely able to address system-of-systems challenges by bridging gaps in knowledge and capability to achieve outcomes at scale.

MITRE's experts draw on decades of experience designing and operating multi-party solutions, accelerators and innovation ecosystems, and data-driven public-private partnerships.

MITRE Assemble™ accelerates multi-party solutions by providing an agile experimentation-driven workflow, proven tools and methods, operating and business models, as well as connectivity into a network of MITRE, industry, and government expertise and exemplars.



## Accelerating Time to Value in Collaboratives

MITRE's experienced delivery teams have used Assemble to accelerate time to value and mission impact by co-developing the collaborative's:

- **Common vision and strategy** with business model, concept of operations, and foundational principles and agreements.
- **Value delivery** through rapidly prototyping and adapting solutions, to sustain impact through viable financial and operating models.
- **Safeguards** for participating parties such as IP protection, security and privacy controls, and mitigations against conflicts of interest, antitrust, adverse action, and exposure.

MITRE provides unbiased solutions for complex, multi-party challenges. Participating parties have realized mutual benefit and breakthrough mission impact through agile co-development and iterative delivery of collaboratives powered by MITRE Assemble.

## EXPERIENCE

Through evidence-based practices, advanced tools, and its cadre of experienced practitioners, MITRE has developed, operated, and contributed to collaboratives such as:

- Advanced Cyber Security Center
- Aspen Digital and Space Leaders Partnering
- Aviation Safety Information Analysis & Sharing
- Bridging Innovation
- Center for Threat-Informed Defense
- Common Vulnerabilities and Exposures
- Cybersecurity & Infrastructure Security Agency (various government-industry initiatives)
- COVID-19 Healthcare Coalition
- Identity Theft Tax Refund Fraud – Information Sharing and Analysis Center
- Health Care Payment Learning & Action Network
- Independent Commission for Safety and Quality in Nursing Homes
- MassChallenge
- Medical Device Information Analysis and Sharing
- Partnership for Analytic Research in Traffic Safety
- Space Information Sharing and Analysis Center

Find out more about MITRE's ability to accelerate value delivery through collaboratives. Contact [assemble@mitre.org](mailto:assemble@mitre.org) and see <https://assemble.mitre.org>

Through MITRE's public-private partnerships and federally funded R&D centers, we work across government and in partnership with industry and academia to address our nation's biggest challenges. As a not-for-profit organization committed to the public interest, we deliver objective, cost-effective solutions for U.S. civil and defense agencies.