# Dossier: TANGRAM FLEX INC

## SBIR Award Details

**Award Title:** N/A

**Amount:** $1,232,764.00

**Award Date:** 2024-05-29

**Branch:** USAF

## AI-Generated Intelligence Summary

**Company Overview:**

Tangram Flex Inc. is a software company specializing in component-based integration of complex and legacy systems, primarily serving the defense, aerospace, and intelligence communities. Their core mission is to enable rapid, secure, and cost-effective modernization of critical national security systems. They address the problem of integrating disparate, often aging, systems by providing a software framework that enables modular design and component re-use, reducing vendor lock-in and increasing agility. Tangram Flex's unique value proposition lies in its Component Software Integration Platform (CSIP), a technology that allows organizations to deconstruct monolithic software applications into manageable components that can be independently upgraded, replaced, or redeployed without disrupting the entire system, offering a pathway to modernization without complete system overhauls.

**Technology Focus:**

* Component Software Integration Platform (CSIP): A software framework enabling modular design, integration, and re-use of software components. CSIP uses model-driven engineering principles to facilitate the design, generation, and validation of integrated software systems.
* Provides a platform for component-based development, integration and deployment across various environments, including cloud and embedded systems. It is designed to simplify the integration process, reduce integration costs, and improve system resilience.

**Recent Developments & Traction:**

* August 2023:\*\* Announced partnership with Dynetics, a Leidos Company, to enhance system-level integration and test capabilities for the Hypersonic and Directed Energy portfolio.
* October 2021:\*\* Awarded a contract from the Air Force Research Laboratory (AFRL) to develop and demonstrate Component Software Integration Platform (CSIP) capabilities for the Joint All Domain Command and Control (JADC2) initiative.
* November 2020:\*\* Closed a Series A funding round, though specific funding details (amount, lead investor) were not publicly disclosed through standard channels.

**Leadership & Team:**

* Ricky Peters (CEO):\*\* Extensive background in the aerospace and defense industry, with experience in system engineering and software development.
* Information about other key leaders is not readily available in public sources.

**Competitive Landscape:**

* Parasoft:\*\* Offers automated software testing and application security solutions. Tangram Flex differentiates itself by focusing specifically on component-based integration for legacy systems, rather than general software testing.
* Real-Time Innovations (RTI):\*\* Provides connectivity frameworks for real-time systems. Tangram Flex has overlapping functionality in system integration, but emphasizes the deconstruction and reconstruction of existing systems through its component-based approach, offering a more granular level of modularity.

**Sources:**

1. [https://tangramflex.com/](https://tangramflex.com/)

2. [https://www.prnewswire.com/news-releases/tangram-flex-and-dynetics-a-leidos-company-team-up-to-enhance-system-level-integration-and-test-capabilities-301912270.html](https://www.prnewswire.com/news-releases/tangram-flex-and-dynetics-a-leidos-company-team-up-to-enhance-system-level-integration-and-test-capabilities-301912270.html)

3. [https://www.sbir.gov/sbirsearch/detail/1790678](https://www.sbir.gov/sbirsearch/detail/1790678)