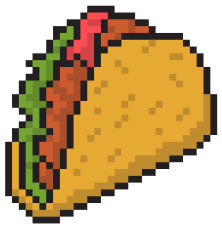
STALE CHIPS

TACOS

Teamwork And Collaboration Optimization Strategy



January 2025

TACFI: Stale Chips

Because Innovation
Doesn't Just Happen

STALE CHIPS

About the Company

SBIR Phase II: FA864924P0464

Stale Chips is a dedicated team of people nerds who are wholeheartedly in love with problem-solving. We provide customized workshops, research tactics and consulting to co-create & validate solutions.

Project Scope

Working with AI and classified material don't mix. This is a workaround that works! Objective RAMJET without touching the outside world -- has all your inside knowledge.



So-what?

Equip innovation cells with isolated, standalone innovation stations and train cohorts to facilitate problem-solving and operational excellence, all without cyber risks. This initiative equips our forces with a critical advantage in the Great Power Competition.



The Need

Provide Stale Chips-level training and RAMJET in secure, closed-loop makerspaces. These systems are designed to support creativity, collaboration, and operational efficiency while keeping critical conversations, data, and decisions entirely offline.



Closed Loop Makerspace

No wi-fi card or ethernet port. This means conversations, data, and decisions never touch an outside source, or link to existing workstations. Offline, but equally powerful. Protected, but effective.

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The ***Human*** Element



Cohorts for Training

We arrive not just to set up computers, but to build a foundation for progress. Each workstation is preloaded with RAMJET's facilitation tools – powerful systems specifically designed to transform ideas into action. Over three immersive days, we guide participants through hands-on training, showing them how to use these tools to solve real challenges, collaborate effectively, and implement innovative solutions. These workstations are more than just machines; they are hubs of innovation. By combining cutting-edge processing power with tailored facilitation systems, they enable participants to turn raw ideas into actionable results. Each cohort leaves empowered, independent, and ready to drive change.

A highly interactive training session on facilitation, beginning the process of developing resident experts. "I" do a workshop with the participants that is immersive, experiential, and impactful (Stale Chips). Then "we" create a workshop from the ground up, discuss the pros and cons of various methods, and then use the specific strengths of the participants to orchestrate the agenda (Stale Chips and participants). We conclude on the 3rd day where the participants ("you") run a workshop with Stale Chips actively red-teaming. We provide real-time bold and blunt feedback so that participants don't make the same mistake twice. They have a chance to improve and iterate in a safe environment. Participants leave as confident facilitators.

What is involved in the sessions?

Workshop #1

This all-day workshop will provide an experiential process to engage the attendees in learning and implementing various tools and tactics centered around meeting effectiveness, strategy, design thinking, and facilitation. Participants will tackle a real-world issue, and help provide a mock After Action Report, to be viewed by their colleagues and/or leveraged for themselves going forward.

Courses + Books

16+ hours of content across 9 courses, as well as two books.

Workshop #2

This all-day workshop will test the participants to work with their colleagues to create a day-long workshop. They will demonstrate their knowledge of the material and leave with the necessary steps to plan for a full-day workshop to be delivered together.

Workshop #3

This all-day workshop will cement the skillset a functional facilitator needs in order to lead sessions within the organization. Individuals must demonstrate key deliverables and prove their understanding of how their pieces and parts fit into the social picture.

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The ***Tech*** Element



Systems

These offline deep learning and data science workstations will strategically leverage finite Air Force resources to build unit-level knowledge and agility. Each system can sift through thousands of processes, doctrine documents, and turnover binders in seconds – entirely offline. Preloaded with RAMJET's curated facilitation data from Stale Chips, these machines function like localized, mission-focused libraries: powerful, secure, and responsive only to the knowledge that truly matters.

This approach builds upon the proven ingenuity demonstrated by individuals like MSgt Nathaniel Pahlow, who transformed a single virtual reality-dedicated machine into a multi-capable analytics workstation. His work showcases the resourcefulness and adaptability that we attempt to unleash on others. By consolidating proven facilitation frameworks, robust analytics capabilities, and customizable data sets, these twenty systems empower each innovation cell to continually refine its strategic toolkit – no outside connectivity required. Over time, as Airmen incorporate fresh perspectives and lessons learned, these workstations evolve into self-sustaining engines of insight, fostering a cycle of continuous improvement that directly supports mission execution.



Onboard Capabilities (Beyond Hardware)

- **Facilitation Library:** Curated video courses, reference guides, and proven methodologies.
- **Interactive Planning Tools:** Preloaded exercises and planning templates help teams design targeted workshops, streamline process improvements, and run scenario-based learning sessions without external dependencies.
- **Adaptable Reasoning Assistants:** Offline, context-aware guidance evolves as units integrate their own data and operational experience, enabling decision-makers to consistently tap into tailored insights drawn from their unique environment.
- **Offline Assurance:** Entirely self-contained, these systems deliver stable, high-impact facilitation support anywhere, anytime—free from external network constraints.

Secure by Design: *Fully offline, with no outside data sharing or cyber vulnerabilities.*

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In order to innovate, teams have to communicate and collaborate. Facilitation accomplishes this by maximizing individual and team inputs to improve outputs. Regardless of advancements in technology, humans will always be at the center of innovation.

The Loop

> ***Humans have problems.*** *Problems require innovative thought. Innovative thought is drastically improved by facilitation. Stale Chips provides expert facilitation to humans with problems. The cycle continues.*

Facilitation serves as a crucial process that aims to guide and support teams in achieving their objectives effectively and efficiently. By fostering open communication, encouraging collaboration, and managing group dynamics, facilitation helps teams navigate complex challenges, make informed decisions, and drive towards successful outcomes. The primary purpose of facilitation is to create a structured environment that promotes engagement, creativity, and productivity, ultimately leading to enhanced problem-solving, consensus-building, and overall team performance.

By pairing expert facilitation with adaptable, offline systems, each breakthrough is captured, refined, and preserved -- ensuring that insights gained today inform stronger, more effective decisions tomorrow.

Human + Tech



The combination of these systems and in-person engagement will:

- Preserve institutional knowledge by capturing and retaining Airmen's critical insights.
- Enable units to create mission-specific resources that adapt and grow with their input.
- Ensure continuity by storing operational insights within secure, self-sustaining systems.
- Transform training into lasting capability, maximizing long-term value for the mission.



A one-stop-shop for innovation: Ability to add your own modules to the internal LLM.

The combination of these systems and in-person engagement will enhance human communication and collaboration through facilitation.

A comprehensive list of capabilities can be equipped for Automated Innovation – Natural Language to functioning application:

👓 **Facilitation assistant: 24-hour customized support**
- Leading meetings or events
- Planning engagements
- Just-in-time training

💡 **Idea development assistant**
- Idea refinement
- Pitch/presentation guidance
- Form Completion assistance
- Resourcing
  - Where to go for help
  - Who to contact
  - How to navigate the idea/solution

🎒 **Training and resource-gathering portal**
- Q&A assistant
- FAQ assistant
- Team: Where to send your team for training
- Individual: Where to seek personal or professional development
- Learning portal: videos, articles, resources, etc.

🔍 **Community of practice: hyper-focused crowdsourcing assistance**
- AFSC position/rank-based community
- Turnover binder assistant
- Lesson learned assistant
- Leadership 360 assistant
- New role/position onboarding
- Interactive Rolodex

There are an infinite number of problems and core issues across individuals and teams. Facilitation, when done correctly, ensures these problems can be solved by anyone. Our goal, through these products and services, is to enhance efficiency and effectiveness for individuals and teams.