Technology Solutions

For the Federal Government

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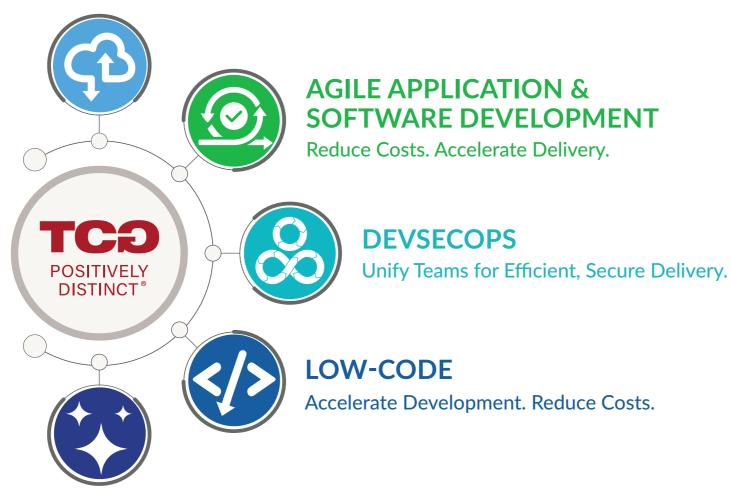
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TCG CAPABILITIES

CLOUD APPLICATION DEVELOPMENT, MODERNIZATION, & MIGRATION

Securely Scale Services as Demand Grows.



TCG delivers Agile and open IT solutions to the Federal government. We power the missions of Federal agencies, solve their most complex challenges, and expand the possibilities for them and the citizens they serve.

AI STRATEGY, GOVERNANCE, & DEVELOPMENT

Custom AI for Real Mission Value.



tcg.com 202-986-5533 info@tcg.com





Software and

Development

Transformation

Application

Agile

AGILE Reduce Costs. Accelerate Delivery.

TCG's Agile approach promotes effective collaboration with customers to identify their business needs, eliminate wasted effort, and drive consistent delivery of applications and software that improve mission delivery.



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METHODS

- Scrum | Kanban
- SAFe (Scaled Agile Framework)
- Scrum of Scrums-Certified
- LeSS (Large Scale Scrum)
- DA (Disciplined Agile)



READ THE SUCCESS STORY » Agile Transformation and Modernization at the Millennium Challenge Corporation.



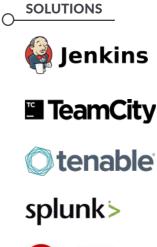
DEVSECOPS Unify Teams for Efficient, Secure Delivery.

LEADERSHIP

In complex environments with distributed responsibilities, TCG builds unified teams that share responsibility to consistently deliver and maintain secure applications and tools.

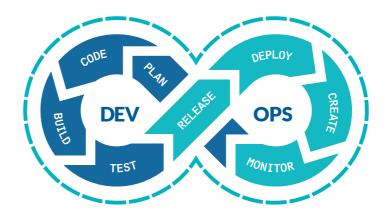
SERVICES

- Continuous Delivery
 Pipeline
- Automated CI/CD
- Automated, Continuous Testing
- Zero-Trust
- Integrated Agile Practices
- System Monitoring
- Iterative Change Management









READ THE SUCCESS STORY » TCG created a low-cost security dashboard to provide a clear and comprehensive view of a security environment.



LOW-CODE Accelerate Development. Reduce Costs.

As policies, mission scope, and user needs rapidly shift and expand, TCG's low-code solutions allow Federal agencies to quickly adapt and continue to deliver efficiently and effectively.

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 Application Development 		
Workflow Automation	💠 Jira Software ≍ Confluence	
Website Development	Microsoft Power Platform	
Data Visualization		
	Power Power Automate BI	Power Pages Apps
\$500 thousand	One million	Three months
Cost savings over traditional acquisition	Subsequent cost savings per agency	Users get access approximately 4x faster

READ THE SUCCESS STORY » TCG developed a Jira-based system that automated the creation, editing, approval, and submission of SF132 Apportionment Documents.



ARTIFICIAL INTELLIGENCE (AI) Custom AI for Real Mission Value.

LEADERSHIP

We collaborate with federal clients to define and execute tailored AI strategies, develop and deploy specialized applications, and seamlessly integrate AI capabilities into enterprise operations.

SERVICES \bigcirc

• Al Strategy & Governance

- Al Strategy & Governance
- AI Use Case Design and Development
- Multi-Agent Architecture Workflow Design

- EXAMPLE USE CASES
- GSA SRT Identifying 508 standards in solicitations
- OMB FPI Classifying assistance programs for budget analysis
- TCG's ABBIE Sandbox for document lookup, text generation, summarization, and text-to-code figure development. Sentiment analysis and draft responses to public comments

CORE AI FUNCTIONS



AI SUMMARIZATION

Search and summarize a library of existing text for understanding or trend analysis.

AI CATEGORIZATION Group new data according

to provided reference data.

AI CODE GENERATION

Translate written problem statements into code using text-to-code technology.



LEARN MORE

CLOUD Securely Scale Services as Demand Grows.

Through cloud technology, TCG modernizes government services for improved availability, scalability, and security. We have configured and deployed cloud environments for mission-critical applications on platforms such as AWS, Cloud.gov, and Microsoft Azure.

SOLUTIONS



Amazon ECS





- SERVICES
 - Native Cloud Development
 - Migration
 - AWS Elastic Container
- Software as a Service (SaaS)
- Platform as a Service (PaaS)
- Infrastructure as Code (IaC)
- Serverless Architecture
- Certified AWS Solutions Architects Virtual Private Networking (VPN)
- Application & Supply Chain Security

SUCCESS STORY \cap

FCC ECFS

The Federal Communications Commission (FCC) Electronic Comment Filing System (ECFS) allows the public to participate in shaping telecommunication and broadcast rules, such as net neutrality. The previous version of ECFS crashed during high traffic periods. TCG collaborated with the FCC to develop a cloud-first, scalable architecture using AWS's Elastic Container Service (ECS) to handle surges in demand and ensure data security. This architecture reduces single points of failure and saves costs by adjusting computing power as needed.

LEADERSHIP



In July 2022, ECFS was tested when Dish Network proposed using the 12GHz radio spectrum for a 5G network, prompting SpaceX to urge Starlink users to protest the initiative. As a result, ECFS received 95,000 comments within a week from petition signatures. Despite the traffic increase, ECFS's response time remained stable, demonstrating the system's scalability and reliability.

READ THE SUCCESS STORY » FCC ECFS: Infinite Scalability at the FCC.



CLIENTS & PARTNERS

LEADERSHIP

KEY STATS & IMPACT



0% VOLUNTARY TURNOVER on 8 client projects that employ over half of TCG's billable staff.

Budget LoB Apportionment Manager

Used at:



MAX.GOV





Workflow Management. Collaboration. Data Collection.

INTEGRITY.GOV

Government-wide filing of financial disclosures.

100% availability

during 2023 annual filing season, the busiest on record.



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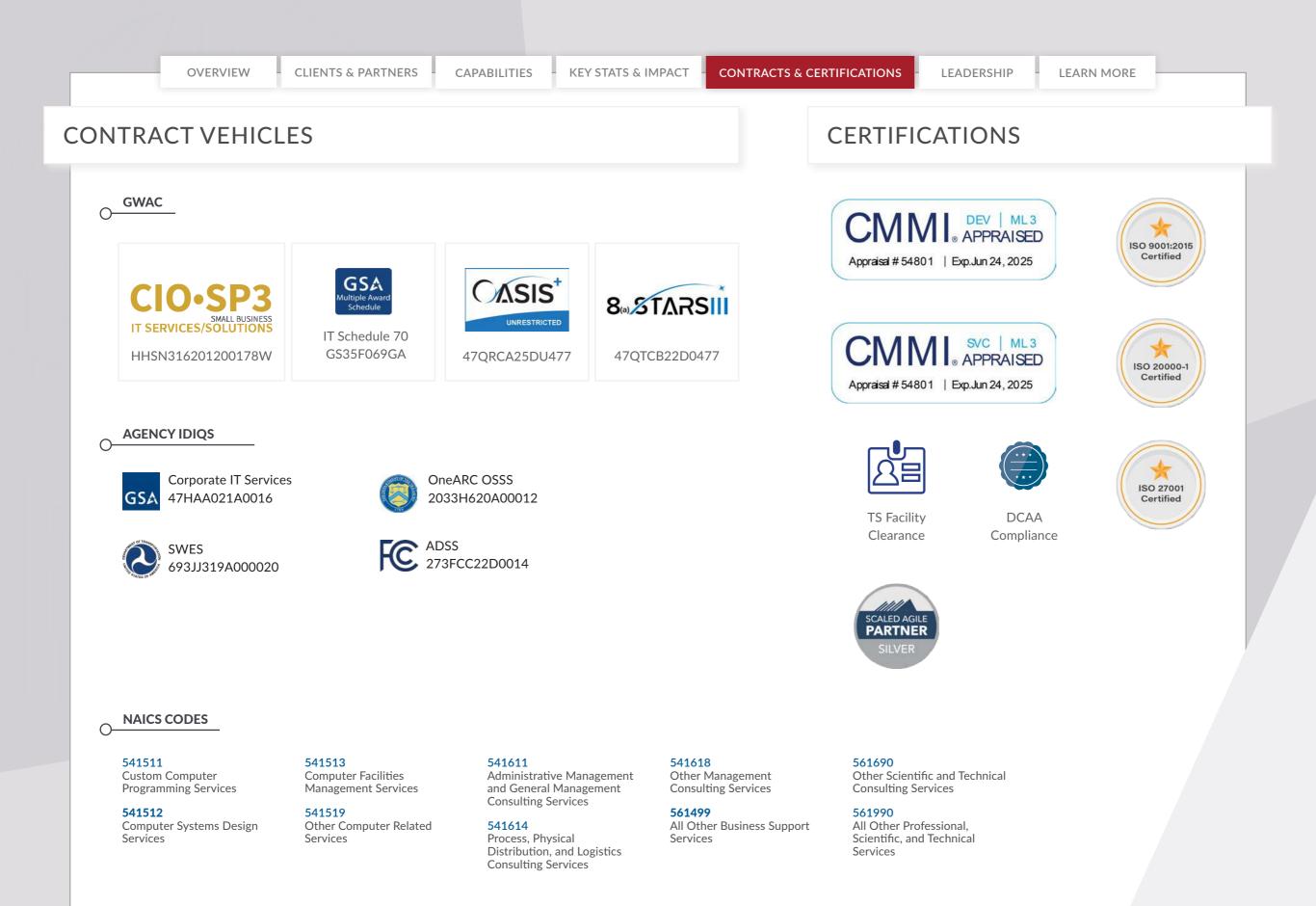


Transparency. Governance. Ethics. Mission.











CLIENTS & PARTNERS

TCG LEADERSHIP







Daniel Turner President & Chief Executive Officer



Develop efficient, transparent, and ethical government through Agile and open IT solutions.



Antoinette Merrill Chief Financial Officer

Lisa Alferieff

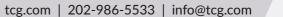
Chief Operating Officer

Michael Drescher Chief Growth Officer



Elizabeth Branner Chief Employee Experience Officer







CLIENTS & PARTNERS

CORE VALUES

TCG has its heart on its sleeve. We live and die by our treasured Core Values, the simple directives promoted by our founder and taught to every TCG employee. Our pledge to all of our customers is that our company will always uphold these values and, if they are ever contravened or compromised by any employee or subcontractor, our CEO will personally take direct action.



We are intelligent



We prove our value



We are fair. honest, and open



We invest ourselves in the project



We are collaborative



We value our families

7348 GEORGIA AVENUE NW

LEARN MORE

For more information about TCG's capabilities, case studies, success stories and more, please contact:

LEADERSHIP



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VISIT TCG.COM FOR MORE INFORMATION ABOUT OUR CAPABILITIES

We understand that every client, program, and project is unique. This is why we provide a wide range of capabilities to align with your specific needs - your goals, your budget, your timeline. We work with you to understand the end goal and don't stop there. Our solutions meet today's pain points and leverage emerging technologies and techniques that will continue to support evolving needs.



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