RarisRex

UNIQUELY QUALIFIED TO MODERNIZE FEDERAL IT

Leveraging expertise & technology in these capability areas:

- Agile Software Development
- Cloud Engineering
- Cybersecurity
- Data Analytics & Engineering
- Mission Critical Operations

- Industry Leader Implementing One of the Largest Federal Enterprise Modernization Efforts
- Full Implementation and Operations of 80+ member 24x7x365 Tier 1/Tier 2 NOC/SOC
- Proven Methodology for Achieving Timely ATOs— 480 ATOs in 18 Months

Cage Code: 8PQV3
UEID: JE3BHV45MNG7
DUNS Number: 117620087
NAICS: 541512 and 518210
GSA MAS: 54151s (IT Professional Services), 518210c (Cloud), & 54151HACS (Cyber) SINs
Contract No: : 47QTCA21D0091

With the agility and flexibility of a small business and the maturity of a large organization, RarisRex is a SDVOSB partner of choice.

Cloud Migration in Action: US Census Bureau (USCB) Technical Integrator Program
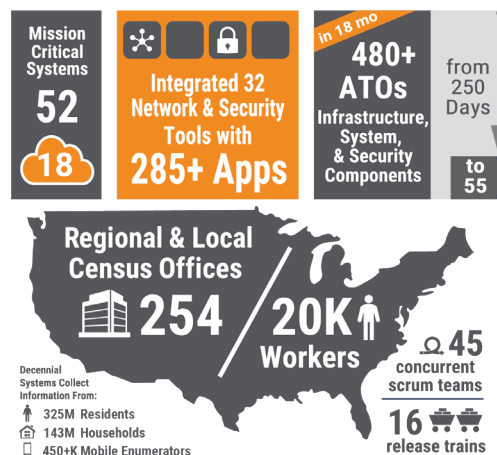
T-Rex led the design and technical integration of the $1.6B USCB modernization of the 2020 Census IT infrastructure and systems. It architected, designed, engineered, implemented, integrated, and secured the hybrid cloud and hyperconverged on-premise enterprise solution. T-Rex employed a rapid, prescriptive, and phased approach to mapping, integrating, and testing over 50 enterprise systems into a secure, scalable, highly available System of Systems (SoS).

T-Rex's state-of-the-art solution included protecting 100 GB of passive network fabric with more than 500,000 endpoints geographically dispersed across the US and its territories to meet the demands of the first on-line, public internet self-response system. T-Rex also developed an Active Cyber Defense (ACD) solution equipped with cyber threat hunting capabilities where respondents input data from a variety of device types, and the USCB gained dynamic big data analytic capabilities, with automated response quality detection and contingency planning.

Roadmap to Modernization in Action: USTRANSCOM's Enterprise Architecture, Data and Engineering (EADE) II Program

UNCOMN, and T-Rex as a sub, provides United States Transportation Command (USTRANSCOM) and two of its Transportation Component Commands (TCCs) integrated enterprise architecture, data management, and systems engineering from the enterprise level through the solution level and across architectures. The scope of this $175M single-award IDIQ includes the operational and system perspective of mission critical command and control, planning, transportation, logistics, and business support system domains. Under this contract, UNCOMN is helping to develop the engineering solution to move 53 USTRANSCOM systems to the Cloud.

UNCOMN's engineering team has over three (3) years experience assisting USTRANSCOM in establishing, building, and optimizing its Cloud environments, where it develops enterprise strategies, technical standards, and services, including enterprise architecture, data architecture, data engineering, system design, interface design, cloud engineering, and security architecture. Its support includes the development of the "To Be" roadmap for IT modernization and optimization, complete with next generation cyber security protections for all critical systems that monitor, control, and direct the movement of 138,000 military personnel and equipment worldwide to support the US military and political strategy. This experience includes significant work navigating the DISA Boundary Cloud Access Point (BCAP) to ensure secure traffic traverses between the web and USTRANSCOM's systems.

Mission Critical Systems 52 / 18

Integrated 32 Network & Security Tools with 285+ Apps

in 18 mo 480+ ATOs Infrastructure, System, & Security Components — from 250 Days to 55

Regional & Local Census Offices 254 / **20K Workers**

Decennial Systems Collect Information From:
- 325M Residents
- 143M Households
- 450+K Mobile Enumerators

45 concurrent scrum teams

16 release trains

RarisRex

UNCOMN is a Service-Disabled, Veteran-Owned Small Business (SDVOSB) with technical expertise in Cloud Adoption & Migration, Software Modernization, Enterprise Architecture, Agile Solution Delivery, and Cybersecurity. With significant experience serving the DOD, UNCOMN's 200 employees encompass a customer-first mindset and have the reputation for excellent service delivery.

T-Rex relentlessly drives innovation to help government achieve mission success. T-Rex provides deep technical expertise in Agile Transformation, Cloud Adoption and Infrastructure Optimization, Cybersecurity, Data Engineering and Analytics, and Mission Critical Services. Together, T-Rex's culture, first to market experience, and diverse employees' perspectives and expertise give T-Rex a competitive edge in the IT marketplace.

Agile Software Development	Cloud Engineering	Cybersecurity	Data Analytics & Engineering	Mission Critical Operations

• Full Stack Agile Application Development
• UI/UX Design
• Web API Development
• Full Stack Web Development
• Systems Portfolio Analysis & Management
• Future State Transformation Mapping
• App Refactor for Secure Cloud
• Serverless App Design/Development
	• Multi-Cloud
	• IaaS/SaaS/PaaS
	• Containers/Serverless/N-Tier
	• Highly Automated Cloud Migrations
	• Event Driven Automation
	• DevSecOps
	• Modeling for Cost Optimization
	• Network Infrastructure
	• Monitoring Automation and Visualization
	• O365/Active Directory
	• Cloud Native Application Refactoring
		Zero Trust:
		  • IDAM/ICAM,
		  • Micro Segmentation
		  • SW Defined Perimeter
		  • Analytics and Cont'l Risk Assessments
		Cyber Resilience
		  • Resilient Goals, Techniques, Design Principles
		DevSecOps
		  • Secure Code Testing
		  • Security as Code
		  • Secret Management
		  • Continuous ATOS
		Active Cyber Defense
		  • Threat Hunting, Emulation
		  • Automated SOC
		  • Security Tool Mgmt
			• Big Data Storage & Processing
			• Fraud Data Analysis
			• AI/ML
			• Augmented Analytics
			• Robotic Process Automation
			• Dashboards and Visualization
			• High Performance Computing
			• Data / Web Interface
			• Data Architecture, Design and Governance
			• Data Modeling & Configuration
				• Program Mgmt & Earned Value Mgmt
				• Quality Management
				• Metrics Reporting
				• Knowledge Management
				• Facilities Management
				• Operational Coordination
				• Change Management
				• Account Management
				• Incident & Ticket Management
				• Service Support Operations
				• ITIL Service Processes
				• Training

VA | U.S. Department of Veterans Affairs

DISA

DHS

United States® Census Bureau

USTRANSCOM

NOAA

DOD

NGA

GSA

USAF

Air Mobility Cmd

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