

Technical Systems Integrators Capabilities Statement



Overview

Automation-first systems integration for Infrastructure Labs, Cyber Ranges, DevSecOps Labs, AI/HPC Infrastructure, and Mission Training Environments.

TSI delivers COTS-based automation tools, integrated platforms, and long-term technical support that helps federal, commercial, and prime-contractor teams build repeatable labs, run realistic cyber training, automate infrastructure workflows, and accelerate AI-enabled operations.

Company Snapshot

- Solution Provider/System Integrator
- Non-Traditional Small Business
- Active Cleared Facility
- HQ: Orlando, FL; Remote Personnel
- Phone: 407.339.4874
- Web: <https://www.tsieda.com>

Buyer Value

- **Faster Readiness:** pre-integrated lab, range, training, and automation building blocks.
- **Infrastructure Freedom:** physical, virtual, cloud, hybrid, and multi-cloud workflows.
- **Operational Proof:** content, LMS connectivity, scoring, after-action review, and repeatable test and development environments – delivering 10-100x ROI.
- **Deep Bench:** 80+ combined years of technical integration, training, and support expertise.

Core Capability Pillars

Cyber Range as a Service® (CRaaS)

Integrated cyber training bundles with CloudShell cyber range, LMS connectivity, physical and virtual range support, hands-on content labs, automated scoring, and after-action workflows.

AgileWARE® Automation

Powered by Quali's CloudShell, infrastructure and cloud-agnostic workflow automation for large-scale labs, DevOps, RPA, sales/training portals, traffic generation, Layer 1 switching, and self-service test environments.

HPCaaS for AI/ML/DL

Rack-scale design using FabreX PCIe network fabric, AgileWARE® orchestration, and self-service operations to support high-performance compute and AI workloads at the edge/datacenter.

AI-Enabled Mission Automation

AgenticOS® autonomous-agent operating model, Shamaym AI-based AAR, Quali Torque DevOps automation/compliance, and Element Security AI-based CTEM capabilities.

High-Impact Use Cases

Cyber Readiness

Training, exercises, AAR, cyber protection, CTEM, and scoring.

Lab Automation

LaaS, IaaS, PaaS, EaaS, Layer 1 switching, traffic generation, and emulation.

DevSecOps & CI/CD

Compliance automation, multi-cloud workflows, automated testing, and repeatability.

AI/HPC Enablement

HPC for AI/ML/DL, rack-scale compute, agent controls, C2 ISR, and AI testing.

Why TSI Wins

COTS-First Integration

Fieldable solutions built around proven commercial platforms, not one-off science projects.

Workflow Agnostic

Supports DevOps, DevSecOps, Test, CI/CD, Simulation, Training, Demo Portals, and Operations.

Physical-to-Cloud Bridge

One agnostic automation model across racks, labs, ranges, public cloud, private cloud, and hybrid infrastructure.

Mission Continuity

Training, tailoring, integration, and long-term support from engineers who understand complex environments.

Mission Fits: LaaS | PaaS | IaaS | EaaS | Digital Twins | Test | DevOps | DevSecOps | CI/CD | Simulation | Training | Demo Portals | AI Agent Controls

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Markets, Customers, and Applications

Federal DISA (IE, PEO-Cyber), DoW CIO, CPE-ST, HPC Labs, Army, Air Force, and other Services.	Commercial CableLabs, Ribbon, Mediacom, service providers, telcos, finance, and enterprise technology organizations.	Partners & International SI partners: AT&T, Digiflight, Raytheon, ByLight, AECOM, CompQsoft, BI, GD-IT. International: Indonesia, UK, Canada, Singapore.
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Solution Stack

Orchestrate Quali's CloudShell, AgileWARE®, Quali Torque, self-service portals.	Exercise Cyber Range as a Service® (CRaaS), cyber content, LMS integration, scoring, AAR.	Compute HPCaaS, FabreX PCIe fabric, AI/ML/DL compute, HPC at the Edge.	Protect & Test Element Security CTEM, GUI testing, traffic generation, Layer 1 switching.
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AI After Action Review

Shamaym AI AAR AI-based after action review solution.	Close the Loop from Exercise to Improvement Turns cyber range, training, and operational exercise data into structured reviews, instructor-ready insights, lessons learned, scoring context, and continuous-improvement actions for teams and commanders.
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AI ISR

AgenticOS® Video to ISR AI Operating System.	Extract Intelligence from any Video Capture The operating system for autonomous mission agents. Training Video AI Models for intelligence & vitals extraction, Agentic Physical AI, and AI autonomy.
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Selected Vendor & Technology Ecosystem

 Quali CloudShell / Torque Automation / Cyber L&A Labs	 Gigamon FabricX / HPCaaS Compute / PCIe fabric / Air Labs	 Shamaym AI After Action Review AAR / Scoring / Insights	 Element Security AI CTEM Layer 1 / Traffic Gen / Protection
 Keysight Traffic / GUI Testing Test / Measurement / Automation	 SCYTHE Adversary Emulation Cyber Range / Emulation	 CyberStronger Cyber Content & Scoring Training / Scoring / Content	 Huber+Suhrner Polatis Layer 1 / Optical Switches Switching / Lab Automation
 Lepton Systems Layer 1 Switching Switching / Physical Labs	 GL Communications Telecom Test Tools Network / Network Test	 Apposite Traffic generation / Network emulation Traffic / Emulation / Labs	 AgenticOS™ CC-001 Video Intelligence Extraction CC-001 / Video AI / Mission

TSI provides the solution: Integrated, Automated, Supported, and Aligned to Mission Workflows

Best Fit Programs needing real infrastructure, realistic cyber exercises, repeatable automation, cloud/physical lab control, AI-enabled workflows, or prime-friendly technical integration.	Engage TSI – Technical Systems Integrators, Inc. Sales: Chuck Reynolds creynolds@tsieda.com 407.339.4874 x102 CTO: Zac Pollock zpollock@tsieda.com 407.339.4874 x101 Web: www.tsieda.com HQ: Orlando, FL Active Cleared Facility Cage Code: 1Q4D2 DUNS: 186400420 UEID: H9KELC6JZLQ3 Primary NAICS: 511210, 513210
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Note: AgileWARE® and Cyber Range as a Service® are TSI trademarked offerings. AgileWARE® is powered by Quali's CloudShell. All other product and company names are trademarks or registered trademarks of their respective owners.