

Accelerate **your mission** with GTSI Integration Services

Integration &
Asset Management



One Mission. Yours.

GTSI delivers deep technical expertise and **integrates** advanced computer and networking technologies.



Organizations requiring technology integration need to determine if they have the time, resources, and competencies to overcome the logistical and operational challenges to a successful roll out. Finding a single, experienced resource that can execute a comprehensive scope of work can make the difference.

GTSI's Integration Center is an ISO 9001:2008 registered 144,000-square-foot facility capable of managing simple and complex product integration and assembly. Located in the metropolitan Washington, D.C. area, this state-of-the-art staging, distribution, and integration facility has set new precedents with automated, on-line systems and cross-functional project management, integration, and workflow processes.

Proven Integration Practices Applied to All Projects

Designed to supplement organizations' core competencies, GTSI's Integration Center has the capacity, systems, and processes that support production builds and the deployment of fully integrated, configured, and tested systems. And it has the flexibility to scale its operations to support complex, next-generation technologies as they are introduced.

The Integration Center has more than 1,340 build stations that process both simple and complex assemblies and multiple projects simultaneously. From configuring up to 2,500 laptops each day to propagating software and installing hardware components to implementing customized builds, GTSI scales its services to the size and scope of each project.

GTSI's pre-deployment, staging services aid in phased implementations of technology. System components may be shipped direct to the Integration Center, where they are carefully inventoried and stored. This vital pre-deployment service allows materials and product to be pulled from inventory based on project-specific timelines and allows integration services to begin without delay.



Integration Center capabilities:

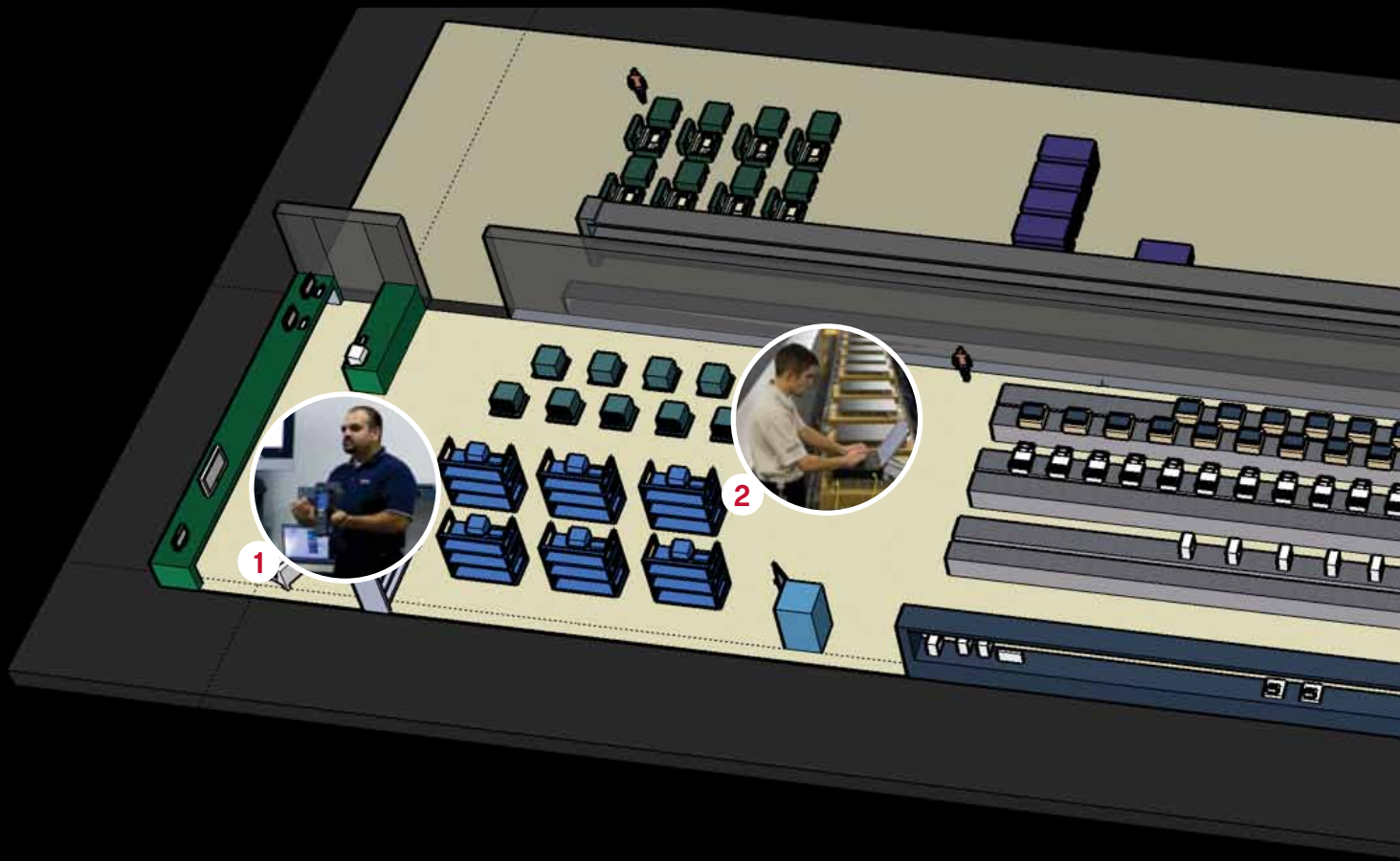
- **Design verification**
- **Integration and configuration of hardware components**
- **Installation of software packages**
- **Integration documentation**
- **High-level server and storage configurations**
- **Rack and stack**
- **Ruggedized solutions**
- **LAN build-outs**
- **Image propagation**
- **Advanced functional testing**

GTSI has an experienced team of project managers and engineers, certified in the technologies they integrate and build. These resources work closely with customers and employ industry best practices for communication, planning, monitoring, reporting, and quality assurance. Through standardized practices and a structured framework, GTSI ensures continuity throughout the staging, installation, and testing of all system components.

The Integration Center team brings relevant experience for projects such as high-level server configurations, network infrastructure implementations, complex enterprise system rollouts, and ruggedized solutions. One of the significant services performed at the GTSI Integration Center is complex server “rack and stack.” Configuring all server hardware and software, installing network appliances and power components, and managing cabling are the initial steps for a turnkey implementation. Once servers and all associated components are racked, cabled, and powered-up, they are tested to verify functionality. Each unit is assembled according to an organization’s environment and specifications, and the team provides a final quality assurance checklist as a part of formal ISO 9001:2008 procedures and handoff to the customer.

Understanding the important role that quality assurance plays in the successful rollout of integrated systems, the Integration Center team runs tests on all components and connections—a practice that goes beyond the accepted industry standard of random testing. Prior to deployment, all systems pass through rigorous quality check points and extensive equipment analyses, including benchmark, software, port, and diagnostic testing performed by certified engineers.

Because the Integration Center operates 24-hours a day with three 8-hour shifts, GTSI’s project managers can build plans and production schedules to meet aggressive and large-scale deployment timelines. Additionally, GTSI has the clearances needed to manage secure and classified information.

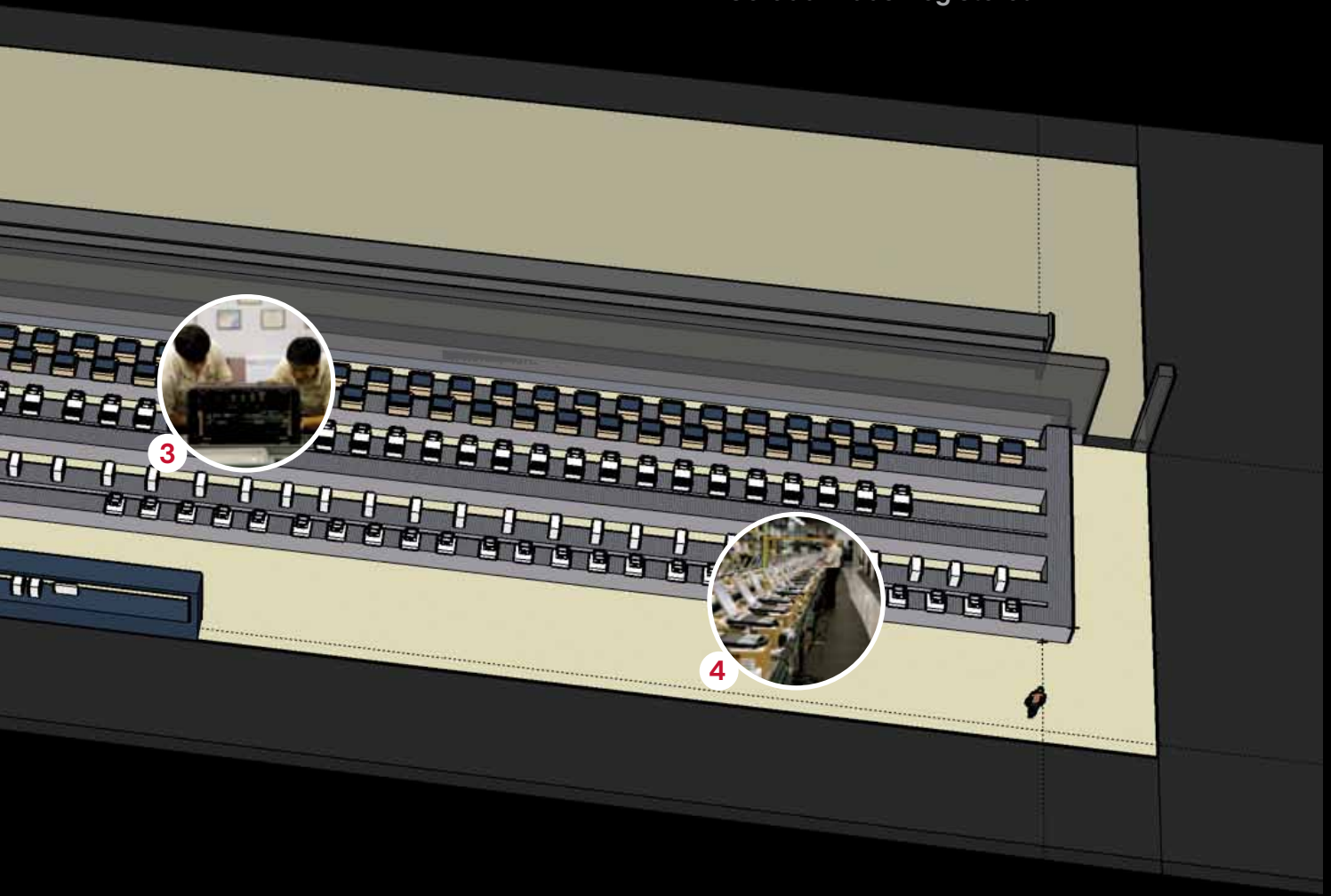


1. Asset Management Training and Development Lab

Experienced professionals conduct ongoing evaluations of the latest advances in asset management technology, such as RFID and UID, and provide training for organizations implementing asset management solutions.

2. IT Infrastructure Solutions

The Integration Center provides dedicated, senior-level engineers with expertise in building and testing WAN/LAN, unified communications, and IPv6 network components, and hardware and software integration.



3. Complex Builds

The Integration Center team develops plans, estimates, and schedules for complex assemblies. They also monitor and control risk for large-scale deployments.

4. Run-Rate Production

The Integration Center operates 24-hours a day and has more than 1,340 build stations, enabling engineers to perform software loads, configurations, and asset tagging up to 2,500 systems, including servers, desktops, laptops, IP switches and routers, and PDAs daily.



A Unique Blend of Disciplines

The Integration Center is fully equipped to execute all the intricate tasks involved in complex builds and assemblies. From initial project planning and estimation to sequencing, scheduling, monitoring, risk management, delivery, and project closeout, GTSI employs best business practices; Earned Value Management standards; and proven, repeatable processes.

GTSI applies its extensive background in diverse technology to all deployments. Project plans, levels of effort, and schedules are built to meet materials planning, quality assurance, service level agreements, and financial requirements.

Tapping into the skills provided by GTSI's Professional Services team, the Integration Center professionals provide meticulous planning, logistics, and fulfillment activities that are aligned to customers' requirements. This level of coordination reduces errors and helps to ensure systems are fully operational at the time of deployment. Additionally, ongoing communication and collaboration with customers provides valuable feedback that fosters process and quality improvement efforts across the Center.

Through its disciplined approach to the practice of custom integration, configuration, and complex builds, the GTSI Integration Center can tailor its level of services and scope of operations to organizations' unique specifications.

GTSI Integration Center highlights:

- **24-hours per day operations**
- **Industry and manufacturer certified engineers**
- **Detailed project planning**
- **Phased deployment scheduling and staging**
- **Asset management technology**
- **Advanced quality assurance analyses**
- **Scalable and flexible - up to 2,500 units per day**

Asset Management

Organizations that need to gain control of their technology assets can also take advantage of the GTSI Integration Center's asset management services, which include:

- Physical inventory and tagging
- Network "discovery"
- Database integration and detailed reporting
- Audit trail of licensing agreements, owner, and locations
- Asset tracking from purchase to end of life disposition
- Inventory management and reconciliation

The integration of asset management tracking and inventory tools, such as radio frequency identification (RFID) and unique identification (UID), allow assets to be tracked from the time of purchase to end of life. Through this automated cataloging and reporting system, costs and resources devoted to inventory management and reconciliation are greatly reduced. In addition, inventory management and licensing agreement audits prevent agencies from duplicating purchases on existing technology, saving time, resources, and cost.

GTSI certified engineers use Department of Defense asset management standards for degaussing, disposing and disposition of equipment upon end of life. GTSI meets regulations for environmentally sound disposal methods and ensures agency compliance with data security measures by providing:

- Secure data scrub and degaussing
- Serial number reporting and audit
- Physical destruction of equipment
- Certificates of destruction

Excellence in Integration Solutions

GTSI's Integration Center capabilities and professionals help organizations resolve the operational, resource, and space availability issues that present obstacles to a comprehensive, timely, and successful IT infrastructure deployment. Dedication to integration best practices, highly skilled and certified staff, and a focus on quality ensure organizations' technology deliver optimum performance.



Leveraging Technology with Professional and Financial Services

Careful planning and project management, along with proven processes enable GTSI to complete agencies' IT projects on time, within scope, and on budget. To enhance their IT infrastructures' performance and realize the full benefit of their technology investments, agencies can access GTSI's comprehensive range of services, which include:

- Management Consulting
- Program Management
- Financial Services
- Project Management
- E-Business
- Support Services
- Integration Services and Asset Management
- Enterprise Education
- Staff Augmentation
- Enterprise Software Licensing and Deployment

GTSI offers comprehensive professional and financial services for turnkey IT infrastructure solutions. GTSI certified engineers and project managers, with over 1,000 certifications, support agencies in these technology areas:

- Networking
- Servers and Storage
- Physical Security
- Cyber Security
- Enterprise Software

About GTSI

GTSI Corp. is the first information technology solutions provider offering a Technology Lifecycle Management (TLM) approach to IT infrastructure solutions delivered through industry-leading professional and financial services. GTSI employs a proactive, strategic methodology that streamlines technology lifecycle management, from initial assessment to acquisition, implementation, refresh, and disposal. TLM allows government agencies to implement solutions of national and local significance quickly and cost-effectively. GTSI's certified engineers and project managers leverage strategic partnerships with technology innovators. These experts use proven, repeatable processes to design, deploy, manage, and support simple to complex solutions, to meet governments' current and future requirements and business objectives. GTSI is headquartered in Northern Virginia, outside of Washington, D.C.

Visit [GTSI.com/IntegrationServices](https://www.gtsi.com/IntegrationServices) for more information about what GTSI can do for you.



GTSI Corp. • 800.999.GTSI • Fax 703.463.5150 • GTSI.com

©2010 GTSI Corp. All rights reserved. GTSI and GTSI.com are registered trademarks of GTSI Corp. in the United States and other Countries.