



## Products and services

Ref #4882909

# LoadTech Data Center

ExpressTech offers a state-of-the-art data center to host your LoadTech system



## Deployment Options - The choice is yours.

LoadTech offers many deployment and architecture options. It's your choice on how and where you install LoadTech.

- You can install LoadTech into your current network
- You can deploy new hardware and install LoadTech
- You can install LoadTech into your existing data center
- You can host LoadTech in ExpressTech's turnkey Logistics Data Center

How and where you install and use LoadTech – the choice is yours – where you want, when you want.

## About the Data Center:

At the Data Center, the idea is simple:

*LoadTech is enterprise-grade logistics software that you can put to work without the expense of buying and managing expensive and complicated network hardware.*

Your entire organization can use it worldwide with just an internet connection.

**Hosted applications require less time and money to deploy, and require almost no internal technical support. In addition, they are scalable, so you don't have to purchase, install and maintain sophisticated applications internally. By choosing to host LoadTech with ExpressTech, you can focus your employees on your core competencies.**

## How it works:

We provide LoadTech - and all the IT infrastructure and support services necessary to deliver it - to customers on a subscription basis. If you are installing LoadTech, we have all the hardware necessary.

Your entire organization can use it worldwide with just an internet connection.

You gain power, speed, capacity and reliability as well as unlimited growth. LoadTech can be integrated to your existing systems and those of your customers.

## Right-sized for today and tomorrow:

LoadTech at the Data Center is technology you'll never outgrow. You get the right-size solution today and the scalability to easily expand and nimbly adapt as your business grows and changes.

This flexibility allows LoadTech to be deployed at an appropriate investment. We work with all clients to make sure you get the scope and scale you need, while giving high ROI.

ExpressTech solutions are priced appropriately and offer a variety of acquisition options:

1. Traditional licensing and implementation
2. Lease-to-own options, Financing, Renting, SAAS
3. Transactional monthly options
4. Monthly fee options
5. Lower cost-of-entry

*Read on for more benefits...*

# Benefits:

## Financial / Cost Savings:

- **Lower cost of entry**  
You purchase only what you need. Growth and upgrades are ready when you are.
- **Minimal Initial Capital Investment**  
The Data Center solve CapEx issues. Conserve your cash for operational uses.
- **Better cash flow**  
We bear the expense of owning and maintaining the servers and central communications equipment. This enhances cash flow, solves CapEx issues and provides tax advantages. It gives you predictable costs and budgeting.
- **Nominal Communications Costs**  
Our LoadTech Data Center has redundant high-speed connectivity built-in.
- **Lower support costs**  
We manage the entire system: Configuration, administration, installation, service, support, maintenance, and upgrades.
- **Tax advantages**  
Our acquisition options provide expense and depreciation advantages to suit your needs.
- **Lower upgrade costs**  
Expansion is ready-to-go and upgrades are included for complete obsolescence protection.



## Technical benefits:

- **Performance**  
Leverage the latest server, OS, DBMS, and telecomm technology that would otherwise be out of reach.
- **Obsolescence protection**  
Your LoadTech hardware is always state-of-the-art.
- **Scalability/growth/agility**  
The solution grows as your needs grow, without major capital outlays. Global reach on-demand. Open, flexible Internet Architecture provides an infinitely scalable solution.
- **Security**  
LoadTech hosting is protected with security systems on the network, user, data, and application levels. On the physical level, our data center is accessible to only limited personnel, and security procedures are maintained to log the accessibility to the system. Facility is manned, monitored, and guarded 24/7/265.
- **Reliability/Uptime**  
Redundancy in hardware, software, and communication ensure high availability.
- **Data Security**  
Redundant multi-site backup and data storage.

### Open, flexible Internet Architecture

- N-Tier, robust, infinitely scalable server solution

### Flexible communication mechanisms

- XML, EDI, Fax, Email, Page, PDA, HTML, etc.
- Proactive, rules driven communication

### Iron-clad security

- SSL/HTTPS encryption
- Role, enterprise, location, and field value levels

### Sophisticated/Efficient Integration

- Any-to-Any (A2A) translation and communication
- Multi Enterprise to Multi Enterprise (ME2ME) Collaboration

## Qualitative savings:

**Flexibility  
Expertise**

**Mitigate risk  
Peace of Mind**

**Faster Time to implement  
Secure Upgrade Path**

*Read on to get the technical specs...*

# LoadTech Data Center Facts:

*ExpressTech's State of the Art Data Center offers customers secure, redundant facilities to host their business-critical LoadTech applications.*

<b>Physical</b>	14,000 Square Feet (24" Raised Floor) ISO-9001:2000 & SAS 70 Type II certified
<b>Fire Suppression</b>	Pre-action, dry pipe sprinkler system, VESDA (Very Early Smoke Detection)
<b>HVAC</b>	7 26-Ton HVAC Units with Leak Detection, 2 13-ton HVAC units with Leak Detection Maintains climate of 72 degrees (+/- 5) and 30-60% humidity, N+1 redundancy
<b>Innerducts</b>	Thirty-two innerducts, four 1 1/4 -inch innerducts /conduit
<b>Power Redundancy</b>	Dual incoming utility feeds into building from separate substations off two isolated grids; 1600 amp AC switchgear; redundant 150 KVA UPS; 2400 amp DC power system - On Floor: Breakers and conduit 2 generators producing 1.2 Megawatts of power, w/2+ days fuel capacity
<b>Security Systems</b>	Controlled Security Procedures: Real-time video surveillance with 24x7x365 monitoring, mantraps, card key access, alarm/key monitoring, and CCTV surveillance Multiple Physical Layers of Security, Staffed 24x7x365 Managed/Monitored Firewalls
<b>Telecomm/ Internet</b>	2 Gbps long haul fiber optic ring, Direct access to multiple tier 1 providers, Redundant core network, including firewall and load balancers, Cisco Systems® Powered Internet, 25,000 mile global network, Mesh platform, 3 Local Loop Providers over SONET, 2 Tier One ISP Backbones via Carrier-Diverse Local Loops 3 Hubbed DS-3s for PTP and Frame Relay Connections 2 7206 Border Routers, 4 6509 Series Access Switches Dual Ethernet Drops to Every Cabinet/Rack Dedicated Transport for SPA (nearly all circuit types – DS-1, DS-3, OC-3, Frame-Relay, etc.) DS-1 and DS-3 Interconnects (others by ICB) for CPA
<b>Standby Generator</b>	2 generators producing 1.2 Megawatts of power, w/2+ days fuel capacity

