

# Integration of Business Systems

A Strategic Opportunity for Supply Chain Savings



# Benefits of System Integration

**System integration** is an effective way to boost the return on your supply chain investment. The savings are significant as automation replaces manual processes, order visibility assists planning, transaction data is written to your system, and customer service improves.

UTS supports all methods of integrating business systems. Our capabilities include EDI transactions, FTP and XML transfers, and ERP interfaces.

Our Senior Vice President will work closely with you to design and implement a customized integration solution that best fits your objectives.



# Benefits of System Integration

## System Integration Benefits:

- ◆ Automates manual processes.
- ◆ Reduces supply chain operation costs.
- ◆ ERP integration with transactional shipment data and real-time shipment status updates.
- ◆ Shares quality data and key performance indicators in real-time.
- ◆ Can add shipping tools to e-commerce sites and order management applications.
- ◆ Streamlines transportation functions.
- ◆ Improves front-end and back-end customer service.
- ◆ Provides supply chain transparency.
- ◆ Can improve inventory control.
- ◆ Order visibility improves planning and may reduce need for premium transportation.
- ◆ UTS provides free code to implement supply chain management functions into applications.
- ◆ Flexibility to design a customized integration solution that delivers a high level of value to your organization.

# UTS Integration Capabilities

## Integration Using Web Services

We have existing technologies available for you to implement in your environment. Code samples and documentation can be found at [http://myuts.net/muts\\_usecure/Technology.aspx](http://myuts.net/muts_usecure/Technology.aspx).

This technology is exchanged over HTTP (Hypertext Transfer Protocol) or SOAP (Simple Object Access Protocol) protocols. Implementation can be real time since web services offer immediate responses in a predefined structure through a programming interface. This does not require UTS interaction to get set up other than providing a webKey for authentication purposes.

### Shipment Entry

- We receive information formatted in XML containing shipment details.
- We return XML-formatted information containing confirmation or error details.

### Rate Estimate

- We receive multiple-string variables with origin and destination ZIPs, class and weight.
- We return XML-formatted information with shipment rate or error details.

# UTS Integration Capabilities

## Integration using FTP (File Transfer Protocol)

This option requires files to be exchanged between client and host. Files are sent to a predefined location (typically on UTS host servers). We provide URL (example: ftp://ftp.UTSnext.com) and login credentials to allow access and secure file transfers.

Integration begins with UTS creating a FTP site. Automated jobs may be set up on both the client and host to monitor FTP directories and manage file exchanges. The lag time varies depending on the timeframe built into the programming and is usually not considered “real time.”

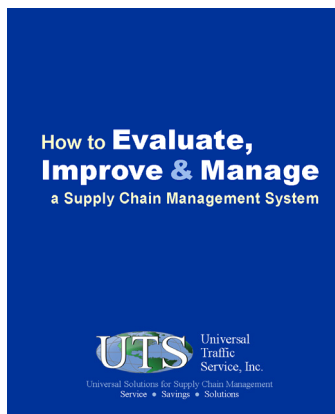
We can receive both CSV (Comma-Separated Values) and XML documents. We return CSV files. You can define any or all of the fields included in the files.

**Shipment Confirmations** are sent when the order is entered in the UTS system. These typically consist of Carrier, Charges, Reference Numbers and Tracking URL.

**Status Updates** can be sent multiple times per day on your schedule.

**Consolidated Invoice Files** are sent every week (Friday afternoon).

# info



## How to Evaluate, Improve & Manage a Supply Chain Management System

A guide to making smart decisions about supply chain management.

[Read the white paper](#)

## ABOUT UNIVERSAL TRAFFIC SERVICE

Manufacturers, distributors, and importers partner with UTS for strategic supply chain management. Clients get the highest total value from their supply chain while reinforcing relationships with suppliers and customers. These benefits come at no cost and with a net savings on the direct freight spend. A supply chain partnership with UTS provides:

- Cost savings
- Reliable service
- Business intelligence
- Process efficiencies for every department in your organization
- Strategic services that benefit your suppliers and customers

## TOPICS THAT MAY INTEREST YOU

[Supply Chain Management Challenges & Solutions](#)

[How Strategic Supply Chain Management Helps Grow Sales](#)

[Work More Effectively With Suppliers & Customers](#)

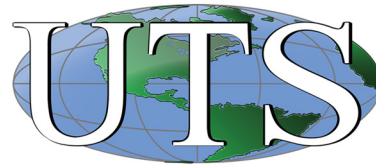
[How Strategic Supply Chain Management Benefits Every Department in Your Company](#)

[View a Demo of UTS Online Supply Chain Management Tools](#)

## MORE INFORMATION

We invite you to visit our website for more information about Universal Traffic Service.

<http://UTSnet.com>



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