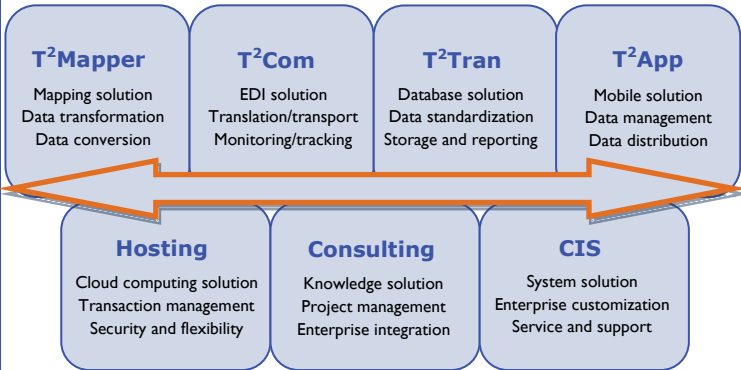


## T<sup>2</sup>Enterprise

**Mapping      Communication      Translation      Management**



**Take your organization's data management  
to the next power**

# T<sup>2</sup>Mapper

## Time-saving data mapping

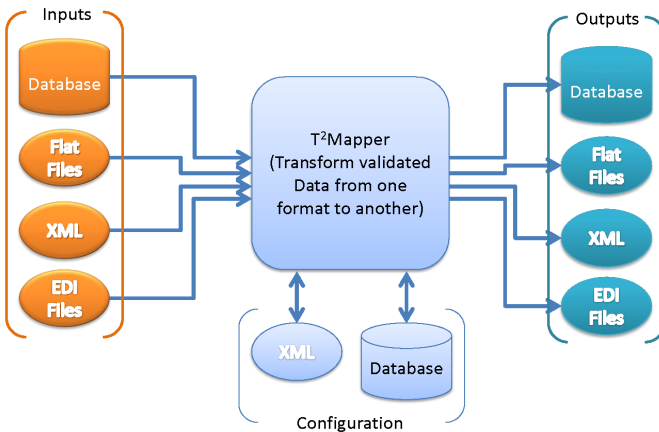
Developed to assist clients in data discovery and integration, T<sup>2</sup>Mapper is available as a standalone or add-on application to translate incoming and outgoing data. With a drag and drop interface, it converts EDI, XML, db, CSV and flat file data quickly and easily, saving development and consulting time.

## Customized for any trading partner requirements

Full support for the ANSI X12 standard to seamlessly integrate your data with other systems, to meet the changing demands of trading partners and internal requirements. Map source information directly to the destination element with customized rules for proper translation.

## In-house or hosted mapping solution

Whether you choose in-house or Systrends hosted mapping services, there is an EDI and mapping solution customized to fit your organization. Cloud-based computing provides significant benefits to organizations that need a scalable, reliable infrastructure, while keeping IT and personnel costs down.



**Transformation**

Support for any industry-related EDI, db, flat file and XML standards.

**Cross-industry capable****Requirements**

Support for ANSI X12 standard.

**Market integration****Conversion**

Drag and drop controls for flexible data conversion.

**Easy to use interface****Management**

Custom business rules allowed for each destination element.

**Custom mapping rules****Configuration**

Many-to-many connectivity for multiple trading partners.

**Maps for any requirement****Application**

Stand-alone or add-on application to T<sup>2</sup>Com.

**Maintenance of operations****Validation**

Transaction translation and acknowledgement generation.

**Data standardization****Storage**

Database warehouses all historical mapping data.

**Customized scalability**

# T<sup>2</sup>Com

## Easy, reliable, cost-effective data translation and transport

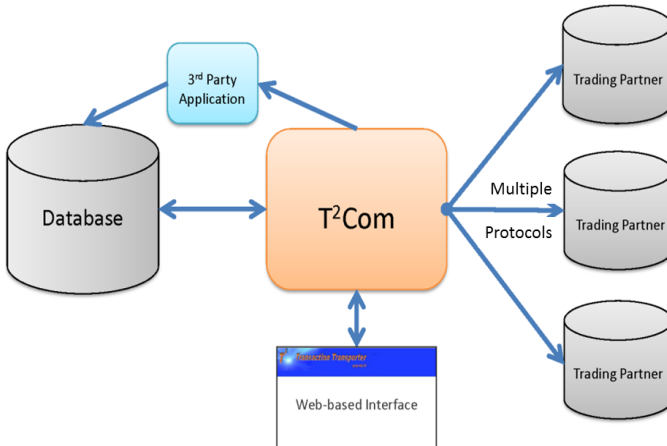
Since 1986, Systrends has been a leader in the electronic commerce industry with innovative software development and customer service. T<sup>2</sup>Com simplifies the process of translating EDI X12, XML, database and flat files directly in and out of your database or back-end application using an AS2, FTP or HTTPS secure connection. Other supported protocols include ASI, AS3 GISB, NAESB, EBTSpoke, EBTHub, and EBTPoint.

## Customized for any trading partner requirements

Designed to manage and manipulate large volumes of EDI data, T<sup>2</sup>Com streamlines the transaction process in your organization and with trading partners. Advanced functionality allows you to manage multiple trading partners and comply with today's most challenging requirements.

## Flexible data management solution

Formatted to perform with any third party application and company database, T<sup>2</sup>Com migrates data from an internal database directly to a company database, transfers data to any third party application, and stores data in the T<sup>2</sup>Com software application database.



**Security**

Secure transport and communication with your organization and trading partners.

**Maintenance of operations**

**Protocols**

Secure communication protocols for transmitting data include ASI, AS2, NAESB, FTP, HTTPS.

**Market integration**

**Notification**

Error tracking and notification (Functional Acknowledgement generation and reconciliation).

**Smart grid communication**

**Management**

Transaction monitoring with acknowledgement tracking and delinquent alerts.

**Manage growth**

**Communication**

Customized scalability for your data communication.

**Customized or standard**

**Integration**

Various methods to integrate with third party applications and company databases.

**Legacy transformation**

**Volume**

Business-to-business and system-to-system data communication for multiple data streams.

**Data standardization**

**Transport**

Incoming and outgoing data management from multiple sources using transport standards.

**Unified platform**

# T<sup>2</sup>Tran

## Flexible data retrieval and reporting

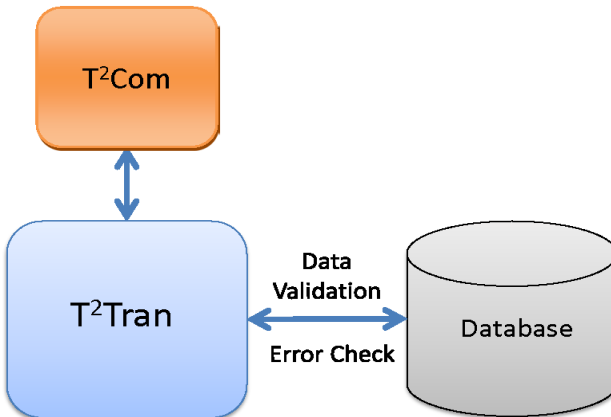
Developed as a flexible solution to allow data to be shared, T<sup>2</sup>Tran provides fast data retrieval and reporting from various system sources. T<sup>2</sup>Tran minimizes risk and provides easy data access, reducing the effort and cost of inaccurate and inefficient data storage and retrieval.

## Auditing and reporting transactional database

Designed to store, analyze, report and archive data, T<sup>2</sup>Tran is a transactional database solution that provides controlled business processes and integration functions to standardize data. T<sup>2</sup>Tran transforms and stores data from proprietary systems so it can be easily used for reporting or redistribution to other data repositories.

## Comprehensive data integration solution

Developed as the first module to support T<sup>2</sup>Com, T<sup>2</sup>Tran has a proven track record of effectively storing, validating, and reporting data. T<sup>2</sup>Tran is used in conjunction with T<sup>2</sup>Com.



**Validation**

Transactional database designed to store, analyze, report, validate and archive data.

**Data validation****Translation**

Standardized transaction translation and acknowledgement generation.

**Transaction translation****Functions**

Business process controls and integration functions to a transactional database.

**Integrated functions****Management**

Transaction monitoring with acknowledgement tracking and delinquent alerts.

**Transaction monitoring****Reporting**

Available reporting functions include customer, invoice, banking and transaction reports.

**Customized or standard****Integration**

Various methods to integrate with third party applications and company databases.

**Legacy transformation****Scalability**

Customized scalability for your data storage and retrieval.

**Database flexibility****Storage**

Data storage and warehousing of all historical transaction data.

**Unified platform**

# T<sup>2</sup>App

## Information management and delivery to any mobile device

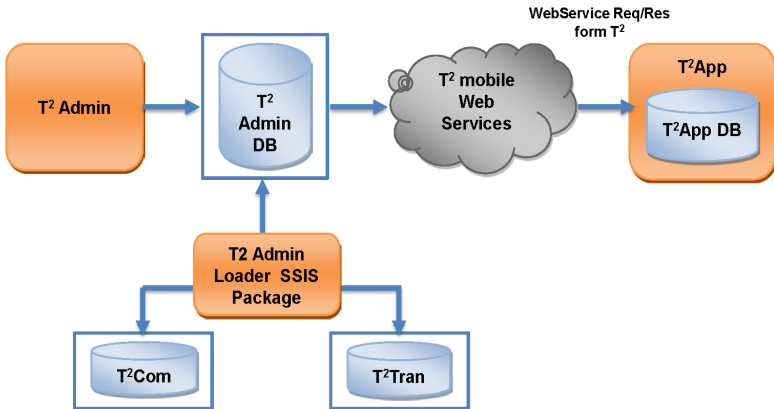
Developed to share information quickly and securely, T<sup>2</sup>App manages the flow of information and the delivery of data from various sources to any mobile device.

## Secure data distribution from your organization

T<sup>2</sup>App is a data management and distribution tool for mobile devices such as phones or tablets (iPads, Playbooks, Androids, etc). T<sup>2</sup>App supplies a set of APIs that use web services to distribute information from your secure systems to various devices within your organization and to external users.

## Reliable data administration solution

Developed to provide increased knowledge access to our clients, T<sup>2</sup>App is a tool for delivering data to various devices; it offers a manageable way to direct the information stream. T<sup>2</sup>App used with T<sup>2</sup>Tran.





**Mobility**

Data distribution for mobile devices.

**Mobile information**

**Transport**

Transport and management functions that deliver data.

**Secure transportation**

**Accessibility**

Anywhere, anytime access to important information.

**Data delivery**

**Management**

Secure management of data delivery from various sources.

**Data management**

**Security**

Secure distribution from your system to various devices.

**Customized or standard**

**Compatibility**

Compatible with any mobile device, tablet or phone.

**Legacy transformation**

**Scalability**

Customized scalability for your data storage and retrieval.

**Database flexibility**

**Storage**

Data storage and warehousing of all historical transaction data.

**Data warehousing**

# Hosting Services

## Time-saving cloud computing

If you are looking for ways to save money on your transaction processing and management, Systrends offers premier hosting service and support for many-to-many translation and transport options. Systrends provides complete transaction management (transport, translation, tracking and reporting). Hosting services save time and staff resources, so you can focus on your core IT requirements.

## Customized for any application

Systrends hosting service ensures secure data transport and transmission through encryption and authentication. Hosting by Systrends includes standards updates and maintenance, and provides strict system, network, communication and data security. Hosted services can be expanded to incorporate additional software applications, trading partners, VANs, and auxiliary data processing services.

## Security you can trust

Our SSAE 16 Type II certified hosting data center with best-in-class network access provides fault tolerant network connectivity so your mission-critical business applications are online and available 24 X 7.



**Security**

SAS 70 Type II, Tier III design and SSAE 16 Type II certifications.

**Secure environment****Reliability**

Dedicated on-site sub-station with 56MW of utility power.

**“Always on” technology****Compliance**

HIPAA and PCI-DSS security standards.

**Certified requirements****Data**

Secure data through encryption and authentication.

**Secure data transport****Requirements**

Cloud computer services utilize enterprise-grade servers.

**Enterprise scalability****Applications**

Scalability that can grow with your enterprise.

**Application maintenance****Validation**

Centralized validation, reporting and archival.

**Data standardization****Resources**

Reduction of plan-to-production time frame.

**Customized scalability**

# Consulting Services

## Unique experience and expertise

Systemstrends experience and expertise is unique in the data management industry. Our early involvement in EDI and XML projects, and leadership in standards design and on data working groups, has enriched our knowledge base over the last 20 years.

## Customized service to fit your organization

With data management and project management knowledge and systems analysis experience, Systemstrends can design, manage, deliver, and support complex systems integration.

## Step-by-step integration solutions

Systemstrends works with your organization's management and staff to evaluate the full scope of a project, define and address issues, document and recommend alternatives, and implement and test the chosen solution as it moves into a production environment.



**Analysis**

Market analysis and testing for various business needs.

**Comprehensive analysis**

**Management**

Comprehensive project management.

**Manage mergers and growth**

**EDI**

Experience with implementation and management.

**Data management**

**Integration**

Enterprise integration customized to fit your organization.

**Transport protocols**

**Implementation**

Management, application, data, and enterprise implementation.

**Customized or standard**

**Standards**

Board of directors for NAESB X12 standards.

**Expert knowledge**

**Outsourcing**

Outsourcing analysis and implementation.

**Customized solutions**

**Security**

Internal business and internet security analysis.

**Encryption and firewall**

# CIS

## Easy, reliable, cost-effective CIS

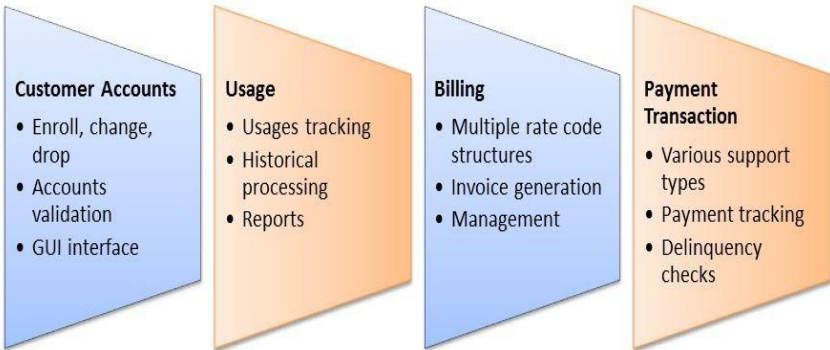
A dependable, flexible customer information system (CIS) is crucial to utility companies and their users, and must be efficient and scalable to improve customer service and to accommodate changing needs and regulatory requirements. Systrends solution manages core processes including enrollment, billing, customer care, collections and reporting.

## Customized for any trading partner requirements

Our CIS application helps you deliver exceptional customer service and automates repetitive tasks to improve revenue streams. Our solution is easy to implement and to use. It functions on any operating platform and performs well even in demanding IT environments.

## CIS integration solutions for your organization

Recognizing that a CIS conversion is typically resource intensive, Systrends offers a solution that takes the burden off your business. Our training, testing and implementation support ensures a smooth transition and a solution that is the right fit for your company.



**Accounts**

Maintenance of customer account enrollment, changes and drops.

**Maintenance of accounts****Billing**

Support for multiple rate code structures.

**Invoice generation****Reports**

Monitor and reporting, accounts, billing and usage.

**Error notification****Usage**

Usage tracking and historical processing.

**Monitor gaps****Transactions**

Support for various types of payment transactions.

**Payment tracking****Integration**

Various methods to integrate with company databases.

**Legacy transformation****Adaptable**

Seamless execution on any operating platform.

**Platform unification****Simplicity**

Implementation made easy; intuitive interface.

**GUI interface**

## *Systrends*

1001 E. Warner Rd  
Suite 102  
Tempe, AZ 85284

[www.systrends.com](http://www.systrends.com)  
Phone: 480-756-6777  
Fax: 480-383-6591  
E-mail: [sales@systrends.com](mailto:sales@systrends.com)

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