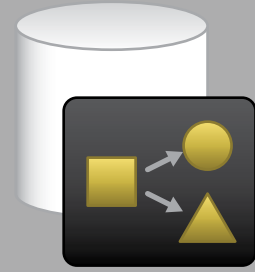


DataTranslator

The one-of-a-kind DataTranslator™ bridges the gap between traffic data and end-use applications by providing a cost-effective way to get automated and immediate conversions between incompatible data formats and databases.

Features

- Performs scheduled, triggered and on-demand data translations
- Translates databases, data types, file formats and data streams
- Connects legacy data collection & management systems to:
 - Emerging data standards
 - New reporting requirements
 - Other data management systems
- Web-based user interface allows remote management from any networked browser
- Flexible TCP/IP interface & control
- As-run translation job notification
- Intuitive, at-a-glance status of all translation jobs in the queue
- Enterprise quality, rack-mounted server with dual processors, RAID 5 disk array and redundant power & networking
- Fully-definable user & group access
- Extensible functionality via TaskBuilder™ translation developer's kit
- Also available as a plug-in



Job List
DataTranslator: Job List

Job Status

Total: 5 Running: 1 Succeeded: 50 Failed: 0 Average Run Time: 00:00:01 (hh:mm:ss)

Service Status

Total: 1 Running: 0 Stopped: 1 Reporting Errors: 0

Jobs Services

On/Off	Status	Name	Description	Last Run	Next Run	Average Run Time		
<input checked="" type="checkbox"/>		I-235 EB TripTimes	Calculate trip times along I-235 east bound	12/17/2008 11:41:15 AM	12/17/2008 11:42:00 AM	00:00:00	Run Now	Remove
<input type="checkbox"/>		I-80/I-35 EB TripTimes	Calculate trip times along I-80/I-35 east bound	12/17/2008 11:41:15 AM	Job is disabled and will not run.	00:00:00	Run Now	Remove
<input checked="" type="checkbox"/>		Recent Data	Generate recent data pdf	12/17/2008 11:40:30 AM	12/17/2008 11:42:00 AM	00:00:04	Run Now	Remove
<input checked="" type="checkbox"/>		Beat the Traffic Conversion		12/17/2008 11:41:00 AM	12/17/2008 11:42:00 AM	00:00:00	Run Now	Remove
<input checked="" type="checkbox"/>		DM Historical Data		12/17/2008 11:40:00 AM	12/17/2008 11:45:00 AM	00:00:00	Run Now	Remove

Technical Specifications

Database Connectivity

- Supports the following databases:
 - SQL Server (2000 or higher)
 - Oracle (8 or higher)
 - Sybase (12 or higher)
 - mySQL (4 or higher)
 - Access (2000 or higher)
- Copies data from one table to another based on user-defined mapping
- Copies subset of data based on SQL query

File Management

- Conversions: XML, HTML & PDF, including XSLT transformations
- Can import, export delimited text files with user-defined delimiter
- Supports Wavetronix SmartSensor Manager HD format text output
- Automatic emails to one or more addresses with exported file as attachment
- Supports automatic download or upload to/from FTP site

Job Notification

- Supports email notification of job success or failure
- Different email settings per user—each user can be notified of success/failure of different jobs

Task Creation

- TaskBuilder utility allows creation of tasks from any local workstation, with ability to import to and export from DataTranslator server
- Visual design mode allows clear design of complete task, using simple blocks and arrows for data flow
- Supports step-by-step testing of each task in debug mode, with immediate error reporting
- Allows new components and actions to be imported from custom modules without needing a new installation
- Allows user-defined parameters that user can choose at run-time when creating job
- DataTranslator server supports unlimited tasks; DataTranslator Plug-in supports a maximum of 2 tasks

Trip Times

- Custom creation of trip time routes, using existing data sources
- Uses either speed or occupancy values for trip time calculation
- Supports weighted trip time values using traffic volume
- Multiple trip time outputs can be combined into XML result file

Scheduling and Triggers

- Automatic triggering of jobs on regular interval from 20 seconds upwards

Ordering Information

Part Number — WX-CMD-DT
DataTranslator Server
WX-CMD-TP1
DataTranslator Plug-in

Recommended Accessories

- DataCollector — WX-CMD-DCxx

Wavetronix

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- Designated start/end times for which jobs will be run
- Supports specific day/week/month designations to only run jobs on certain days of the week
- Supports file-based triggers, for jobs to start based on files in file system being added/modified/deleted
- Supports socket-based triggers for incoming messages over IP
- Supports service based jobs for continual processing and messaging, instead of only at regular intervals

Web-based Interface

- Interface: Web-based and accessible to any user with Web browser and Internet connection.
- Information listed in interface includes:
 - Number of jobs in system, with name and description
 - Next run time of each job
 - Current status (succeed/fail) of each job
- Other operations available through interface:
 - Run task manually at any time
 - Add new jobs—selecting a task and assigning a schedule
 - Modify or delete existing jobs
 - View history of each job with success/fail markers and errors
 - Add or delete users, or change user accounts and levels of permissions
- Interface accessed through user name and password. User log-ins can have different levels of permissions for different levels of access to functionality

Hardware Specifications

- Server: quad-core Xeon processor or equivalent
- Operating system: Windows 2003 Server or newer
- Memory: minimum 4 GB of SDRAM
- Hard drives:
 - Three or more
 - At least 72 GB each
 - RAID 5 fault tolerant
 - Hot-swappable
- Dual power supplies
- Networking: dual 1000 Mbps Ethernet network card or better
- Included software:
 - Firewall software for security
 - Remote management software for remote maintenance and upgrades
- CD-ROM drive: 24X or better
- Not included: monitor, keyboard or mouse

Testing

- Burn-in testing for each unit
- Test period: not less than 1 week
- Testing standard: service is able to run consistently over the testing period with a representative workload
- Testing documentation provided upon request, showing the performance results over the testing period

Support

- Delivered with 90 days of Gold Support as standard, effective after customer acceptance of the contracted system:
 - 30 hours prepaid phone technical support, same day guaranteed response
 - 2 days prepaid on-site technical support
 - Next business day on-site hardware service
 - Includes bug fixes, minor application updates, version updates, and software operation system updates
- Extended and/or upgraded support packages are available for purchase