

TP6000 PLUS™

Terminal Automation System

Automation made simple ...



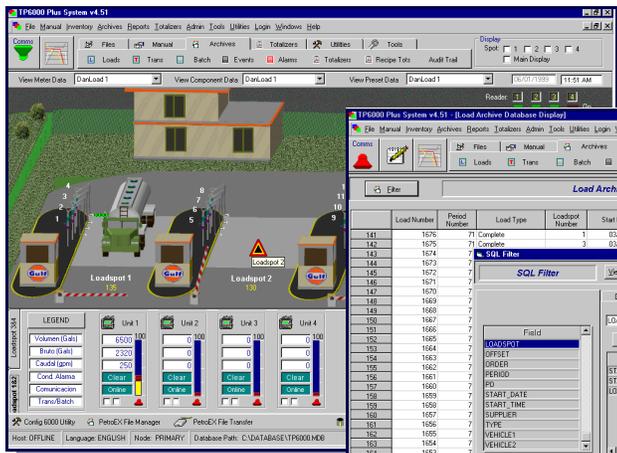
TP6000 Plus™

Raising the level of excellence for Terminal Automation Systems; while keeping system architecture and operation simple and providing state-of-the art technology with an edge for performance and price

When you decide to automate your terminal or upgrade your existing system, TP6000 Plus™ is the smart choice. Designed for the Windows NT® operating system, TP6000 Plus™ provides a user-friendly environment with a look-and-feel that operators not only enjoy working with, but learn to use very quickly. TP6000 Plus™ is an “open” system which allows for importing and exporting of data using most standard formats. System architecture is simple, with no proprietary hardware use.

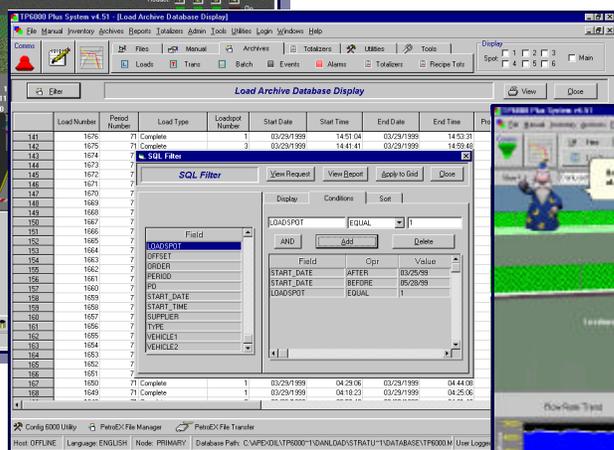
System Features

- ◆ Designed specifically for the Windows NT® Operating System
- ◆ TP6000 Plus™ uses Open DataBase Connectivity for data access and reporting, Microsoft Access® for smaller systems and Microsoft SQL Server® for larger systems. Has a built-in “SQL Executor” for making one-time database modifications easy.
- ◆ Integrated report designer (Crystal Reports®) allows users to modify existing reports and/or create new reports that can be included into TP6000 Plus™
- ◆ Graphical User Interface (GUI) displays real-life and real-time graphics of loading and flow parameters
- ◆ Interfaces to various electronic presets (Smith Accuload II /III, Daniel DanLoad 6000, Brooks Petrocount Series), PLCs and card readers
- ◆ Allows for export of report data into most standard formats (Excel®, Lotus®, text, comma-delimited, etc.) Automatically exports EOD data to any network drive and/or print reports to any network printer
- ◆ Loading security can use card readers or can be cardless using the electronic preset as a data entry device
- ◆ Allocation and/or order driven based loading with user-configurable loadspot types using our popular LCM™ “Load Control Manger” tool
- ◆ Annunciation of Alarms using the “Alarm Wizard”, with the ability to lockout units and loadspots in a flash
- ◆ Complete archiving of all loading information and event logs, including an Audit Trail of database activity
- ◆ Built-in configuration wizards to making configuring the TP6000 Plus System a snap.
- ◆ Tank Database with strapping for Innage and ullage charts, allows for reading directly to some tank transmitters, for a complete *Inventory Reconciliation*

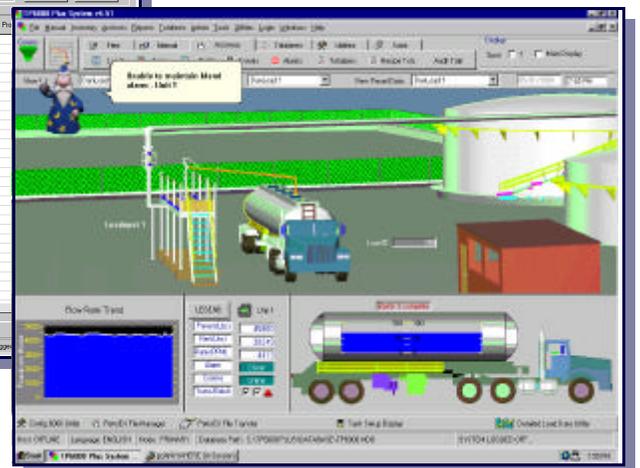


Example of TP6000 Plus main screen with display of real-time graphics and flow parameters

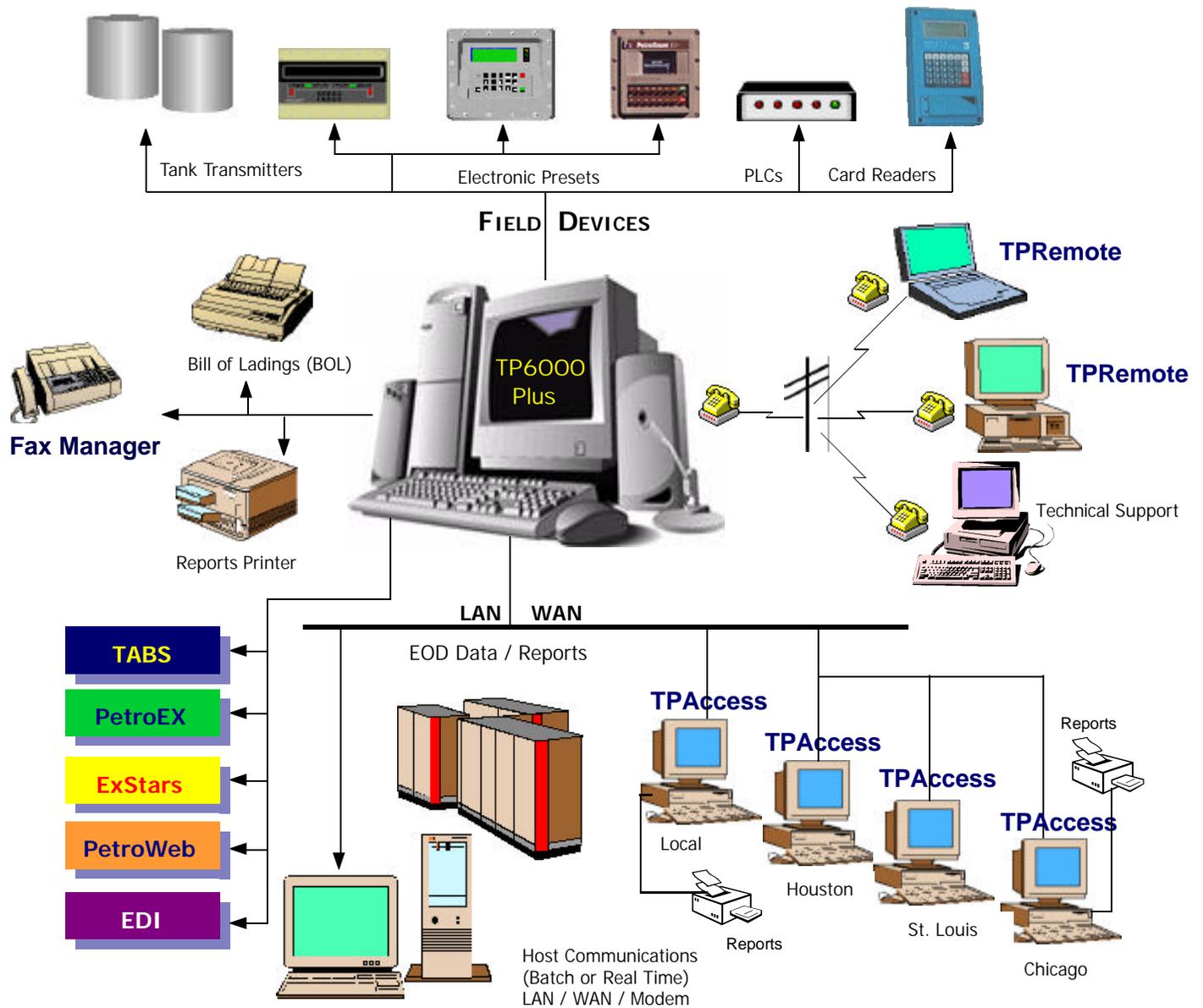
Example of Load Archive window and the user-friendly SQL database filter which filters both the data table and the report.



Example of asphalt loading system showing the user-configurable “Alarm Wizard” used for alarm annunciation



TP6000 Plus™ Functional Overview



TPAccess™

A remote database and reporting software utility which allows users across a LAN/WAN to make database modifications in TP6000 Plus and view/print reports using the TP6000 Plus security database.

TPRemote™

A remote dial-up utility which allows outside companies to access their database for the purpose of updating their specific account information and viewing reports against their specific data. Access to database tables and reports are configurable through the TP6000 Plus security database.

Services

Services such as General Electric's **TABS**, **PetroEx** and **PetroWeb** are optional and provide other means of handling load throughput data and pre and post load processing. **ExStars** files are generated and can be transmitted to the IRS as required.

Printers/Faxing

Several printers can be connected to the TP6000 Plus system. Bill of Ladings can be printed on multiple printers; at each loadspot and/or a general location such as a sales office. Other documents can be printed at the end of each load, including Certificates of Assurance (COA) and MSDS documents. Reports can be printed to any printer connected to the network. Bill-of-Ladings and other reports can be automatically faxed to various locations.

Host Communications

Communications to a host computer can be handled in either batch mode, once a day, or in real-time, at the beginning/ending of each load. End of day batch files can easily be formatted to most any standard format such as (.xls, .txt, .csv, etc.), or based on user-specific format. End-of-day information can be written to any drive/directory, locally or on the network, or transmitted via a dial-out connection. Real-time communications can be used for both pre-load and post-load processing and can use any Standard protocol such as TCP/IP or a user-specified protocol.

Other Products

TP6000 Ticket Printing™ - A stripped down version of the TP6000 Plus Automation System. This software provides an enhanced Ticket Printing program with real-time graphics, reports and export functions.

TPStat™ - A TP6000 Plus database analyzer, aids in creating ad-hoc queries to generate user-defined charts and reports against the TP6000 Plus™ load archive databases

LCM™ - "Load Control Manager" A utility for customizing the TP6000 Plus™ loadspot types using drag-and drop technology. The user configures the loading authorization sequence using predefined/user-defined objects

ATM™ - "Automated Terminal Modeler" A utility for custom designing the TP6000 Plus™ graphical interface with built-in controls. This utility allows the user to add tanks, trucks, flowlines and real-time loading parameters to create their own TP6000 Plus™ graphic screens.

Config 6000™ - A configuration utility for the DanLoad 6000 preset which works with the TP6000 Plus communication drivers. Eliminates needing separate communication ports or tools for uploading changing or saving preset configuration data. Other configuration tools are currently under development.

TPScheduler™ - A software utility to aid in automatically scheduling customer orders based on user-defined criteria. The utility includes built-in reports and import functions to the TP6000 Plus™ database.

For more information about TP6000 Plus™ and its family of products, or to arrange a presentation, please contact your local representative or Advanced Computer Concepts at the information below.

Markets Served

- ◆ Bulk Fuel Terminals
- ◆ Asphalt & Fuel Oil
- ◆ Weighed Products
- ◆ Chemicals
- ◆ LPG & LNG
- ◆ Airports (Jet Fuel)
- ◆ Rail and Barge Loading

Services Provided

- ◆ Equipment Procurement
- ◆ Training (on-site/off-site)
- ◆ Custom Software
- ◆ Application Support and Consulting
- ◆ Onsite Installation and Startup
- ◆ Acceptance Testing and Documentation
- ◆ Technical Support and Support Contracts



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