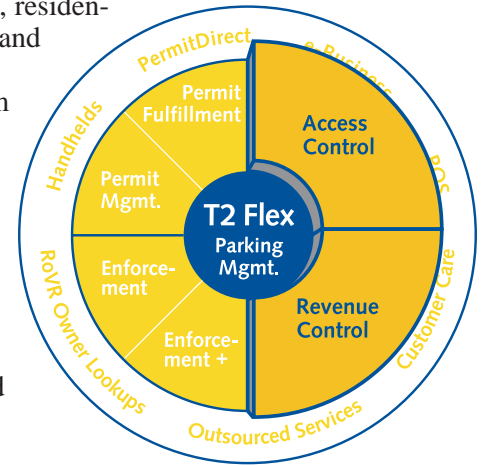


T2 Flex is a single, unified system for parking management, enforcement, permits, as well as access and revenue control. T2 Flex is the authoritative data source for everything related to parking, providing a unified platform that streamlines all parking tasks including: accounts receivable, residential and other permits, access cards, citations, towing, monthly contract parking, and much more. It allows you to manage any and all parking-related data, providing centralized control, management, reporting and operation of all sub-systems from one portal.

## Access & Revenue Control Packs v6.3

T2 Flex Access and Revenue Control is part of a unified solution that integrates access control, revenue control and a monitoring system with T2 Flex enforcement and permit functionality on the basis of a common management system and parking data warehouse.



### System Overview

The T2 Flex Access and Revenue Control Packs can be implemented individually, jointly, or as part of the complete unified system - with Permit Management and/or Enforcement Packs. All T2 Flex Packs include core parking management functionality - the brains of the system - defining system configuration, fee computations, access permissions, business rules, reporting information, and much more.

- **T2 Flex Revenue Control Pack** - delivers functionality to process transient parkers who pay for parking on each visit through the ticket dispensing system. The Revenue Control Pack manages ticket dispenser, central cashier station, automated pay station, exit cashier station and exit verifier activity.
- **T2 Flex Access Control Pack** - enables processing of permit parkers who bypass the transient or revenue control system and arrive at the entry lane with a credential. The Access Control Pack supports all credential read technology (bar code, magnetic stripe, RFID and proximity cards) and permit database administration.
- **Equipment and Occupancy Monitoring System** - observes equipment status and occupancy levels in real-time and allows the user to set departmental and personal alarm settings.
- **Encoding System** - creates and tracks validation and special event tickets.

T2 Flex Access and Revenue Control Packs bring a software-driven approach to access and revenue control with:

- Strong audit trail and data security
- Easy configuration, with options and settings that meet specific operational needs without custom programming
- Use of Oracle® - a proven, powerful and secure database
- No limit on the number of devices, components or subsystems, or the number of records in the system
- Use of TCP/IP communications protocol - the same networking technology that supports Internet communications
- Convenient and secure access to all data stored in a single data warehouse from any computer with a web browser
- Ability to work with multiple PARCS hardware platforms
- Intuitive user interface

## The Parking Object Model: The Foundation of T2 Flex

The foundation of T2 Flex is the parking object model. This model addresses the management of key elements and relationships common in every parking operation.

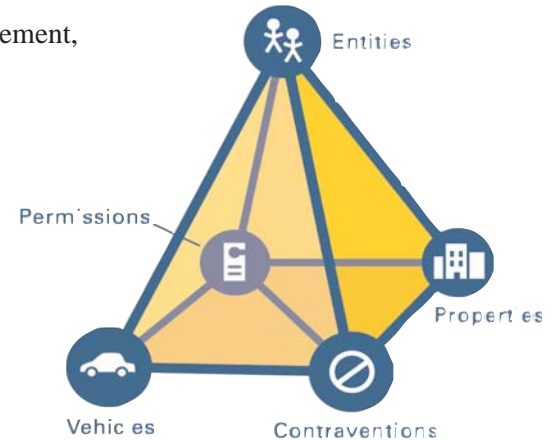
Designed with input from parking industry leaders as well as analysis of emerging market trends and functionality requirements, the parking object model mirrors parking management best practices.

All data and financial records for permits, enforcement, parking management, access and revenue control are kept in a single data warehouse, creating a unified system for reporting and management needs.

### Common Relationships

While cities and universities, as well as private operators and other operations, manage their parking operations differently, each focuses on managing the same objects:

- Entities
- Vehicles
- Permissions
- Properties
- Parking Facilities
- Contraventions



The parking object model links key objects and defines their relationships. Based on this model, the T2 Flex Parking Management System provides easy navigation and efficient cross-referencing between these objects to allow for information gathering and analysis.

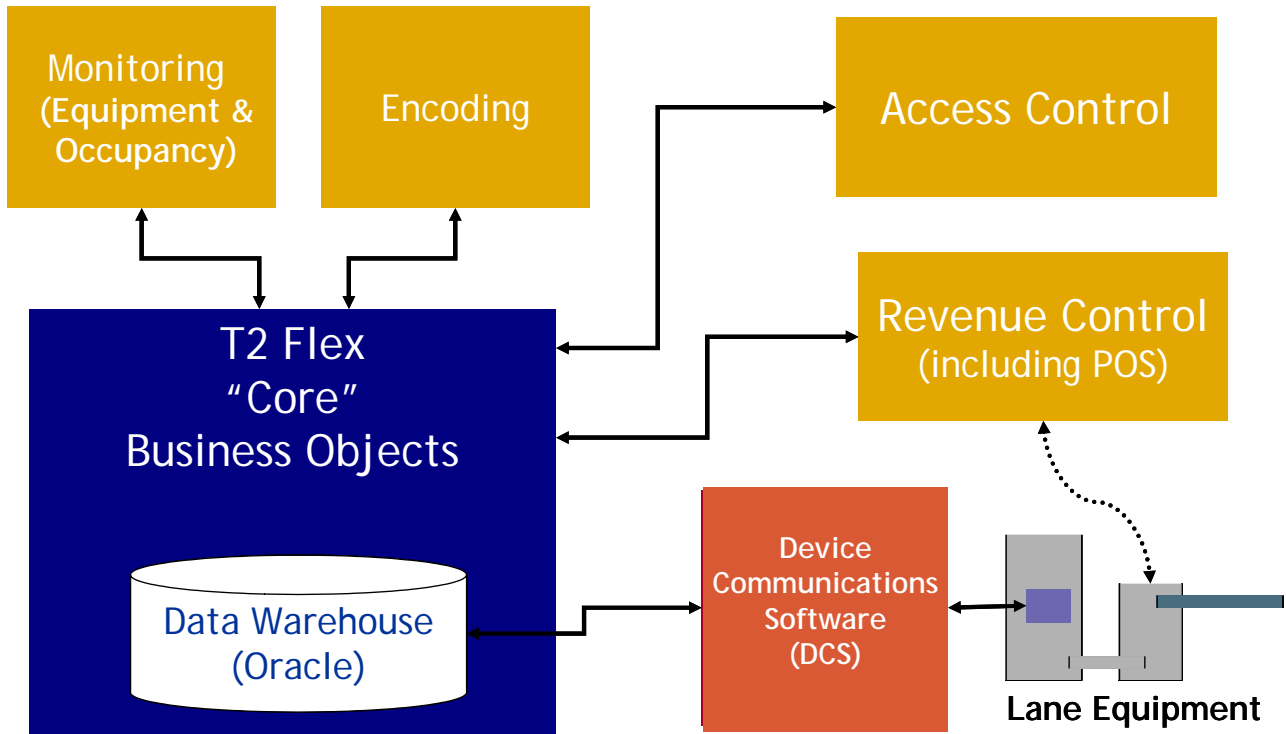
### Centralized Management and Control

The system is made up of several components that work together in a reliable networked environment. Each component shares data with other components through a central data warehouse. If for some reason any of the components become disconnected it is still able to operate in a "standalone" mode until the connection is restored.

Lane equipment interfaces with the centralized database through dedicated, high-performance software applications. Each lane has its own controlling program and these lane control programs can operate on a single computer or across multiple computers.

Cashier stations and automated pay stations operate as thick-client applications but still share data with the central data warehouse. In addition, they maintain the full rate structure and programming needed to operate offline.

All of the centralized management and monitoring tools use a thin-client, browser-based application for viewing and managing data. This configuration makes it easy to control, manage, and observe the system from any connected workstation, including remote programming and control of devices. If desired, the system can be configured (with a firewall) to enable remote PCs at home or over the Internet (if desired) to view and manage data as well.



## System Functionality

Each software component of T2 Flex Access & Revenue Control includes the standard functionality and features expected, as well as premium capabilities that are not commonly found in most, if any, systems. These premium features are designed to enhance controls and add convenience for parking operations. The following system functionality overview provides a sample of functional highlights for each software component.

This is not an all inclusive list of the system capabilities, but rather an overview to provide an idea of the comprehensive nature of T2 Flex.

Parking Management Standard Features	Premium Features
Highly configurable rate types (flat, variable, daily maximums, lost ticket, special events).	Highly configurable by the owner to minimize hard coding for system changes.
Grace period and lag time parameters.	Provides an online help function.
Remote system programming.	Task scheduler that allows tasks to occur automatically based on date, day of the week, and time of day.
Standard reports for revenue, lane activity, credentials, statistics, ticket tracking, occupancy, and events.	System access privileges are selectable for individual users.
	Records system configuration changes including time, type of change made, and the user making the change. Records the date, time, user and reason for manual gate raises.
	Premium Report Features: <ul style="list-style-type: none"><li>■ Report field names can easily be changed to match your operation's language.</li><li>■ Provides time-based and shift-based reports to allow reconciliation of cashier activity, cash collections and deposits, and credit card sales and deposits.</li><li>■ Includes a report locator tool to help you find the information you need.</li><li>■ Provides an easy-to-use custom report generator.</li></ul>

## Revenue Control Standard Features

- Automatically computes parking fees and amount tendered.
- Accepts cash, credit cards and debit cards for payment.
- Cashier Station processes exception transactions such as validations, lost tickets, insufficient funds, disputed fee, unreadable ticket, manually issued tickets, manual credit cards, disabled permit, split transactions.
- Automated Pay Station processes exception transactions such as validations and lost tickets.
- Exit Verifier processes validations.
- Blocks processing of backout and stolen tickets.
- Allows manual ticket entry.
- Provides management with access to the monitoring system and other software applications from the cashier station.
- Offers selectable setting for requiring cash drawer to be closed before beginning another transaction.
- Generates traditional shift and revenue reports.

## Premium Features

- Cashier station is a standard PC with peripherals for the ticket validator, fee display, receipt printer, and cash drawer.
- Split transactions accept an unlimited number of payment methods.
- Allows an unlimited number of validation accounts.
- Optional touch screen is available.
- Deters ticket switching by blocking a cashier from changing a fee once it has initially been displayed to the customer. A cashier must cancel the transaction and start a new transaction to change the fee. When this occurs, the system records the original (cancelled) transaction information followed by the revised transaction.
- Option to have transaction tickets ingested into the ticket validator or returned to the operator for any ticket type.
- Generates a magnetic replacement ticket for lost ticket and unreadable ticket transactions.
- Special exception transaction features that eliminate the need for manual forms and have related customer information entered into the system database.
  - Enter customer information into the cashier station for any transaction selected (lost ticket, insufficient fund, and unreadable tickets are most common). This allows information to be entered into the data warehouse, allowing audit reports to be generated and sorted by any field (driver's license number, license plate number, customer name, and cashier).
  - For insufficient fund transactions, the system automatically generates an insufficient fund contract for the parker to sign before exiting.
  - The cashier station displays past occurrences of a customer's lost tickets, insufficient fund transactions, and any other transaction types that you select.
  - Tracks ticket in/credential out transactions in the system to prevent abuse of permit holders using a ticket to enter.
  - Tracks and charges credential parkers staying beyond their permitted times.
  - Easily configured to add a customer data input field for any transaction type you select.

## Revenue Control (continued) Standard Features

## Premium Features

Provides on-site management approval for transaction types you select.

Provides a method to create test tickets that remain coded throughout the transaction. This prevents test tickets from entering the live data used to generate reports.

### Premium Reports:

- Cashier Performance Report - the ultimate audit tool that automatically trends exception transactions for each cashier and highlights frequency outside of acceptable limits.
- Insufficient Fund Report - provides an unpaid aging report and paid report.
- Rate Increment Report - provides the customer information for revenue generated in each rate increment for trend analysis.
- Exception Transaction Report - lists each exception transaction, as defined by the customer, chronologically by cashier and parking facility.

## Access Control Standard Features

## Premium Features

Open system that works with all read technologies including bar code, magnetic strip, proximity card, RFID and biometrics.

Accepts cash, credit and debit cards for payment.

Database management for individual users and group accounts.

Hard and soft antipassback.

Auto lock out of delinquent credentials.

Multiple credentials allowed for one parker.

Multiple vehicles allowed for each credential.

Restricts permissions based on facility and user.

Provides facility nesting enforcement.

System accepts payment using owner credentials, student id's, university cards, payroll deductions, interdepartmental deductions, and automated bank account charges (ACH).

Bulk activation, modification, deactivation, and termination of credentials.

Task Scheduler that allows credential permissions to be preset and vary by date, day of week, and time of day.

Online Services including purchases of credentials and replacements, credential activation and termination, invoicing, and auto email messages for payment reminders.

Generates an accounts receivable aging report.

Maintains an account history for reassigned credential numbers.

Provides credential number parsing tool to accept a wide range of credential reader outputs.

Supports third party credential activation.

## Access Control (continued)

### Standard Features

### Premium Features

Automatically set access privileges for individual or bulk permits based on the day of the week and time of day.

Automatically set access privileges for special event days and time.

Mailing labels for specified queries of the credential database.

E-mail passback violation reports to selectable users.

## Monitoring System

### Standard Features

### Premium Features

Equipment monitoring alarms.

Real-time monitoring of system activity and transactions processed.

Event journal to record system events.

Provide real-time occupancy counts for transient and credential parkers.

Accommodates reversible lanes.

Allows remote gate vend.

Automates 'full' sign activation once predefined occupancy thresholds have been exceeded.

Provides reports of historical entries and exits for transient and credential transactions.

Provides ticket status.

Provides lane activity reports.

Provides duration reports.

Access to monitoring activity from any computer with network access.

Minimum drill down to identify problems.

Premium Alarm Features:

- Alarm management that documents when the alarm occurred, who responded to the alarm, and when the alarm was responded.
- Provides a personal alarm inbox that lets each user manage the alarms they have received and identifies read, unread, responded, and unresponded to alarms specific to them.
- Select which events will alarm for each user.
- Select the type of alarm (read only, respond, sound, light,) for each user.
- Respond to alarms in batch.
- Receive alarms via email or text message.

Task Scheduler to automate gate open and close by time of day and day of week.

Task scheduler to change the occupancy mix thresholds (credential, transient, reserved) by hour of day.

Simultaneous view of equipment status for each device, lane, or grouping of lanes.

Simultaneous view of equipment status and real-time transaction activity.

Simultaneous view of occupancy and equipment status.

Direct access to device status and credential history to troubleshoot access problems.

Documents date, time, user, and reason for remote gate vends.

Displays occupancy counts on external signs within the parking operation office.



### **Powerful Parking Solutions from Parking Experts**

Since 1994, T2 Systems has delivered proven parking **solutions** that meet the ever-changing needs of the parking industry. This commitment is demonstrated in T2's quality products and services, thought leadership and strong customer relationships. With its broad range of software, hardware, management and technology services, T2 Systems is trusted by more than 300 organizations in the US and Canada including universities, cities, towns, hospitals and airports.

### **Get the Power of T2 Working for You!**

For more information on how T2 Systems can help you manage parking more efficiently and effectively, visit our website at [www. T2systems.com](http://www.T2systems.com). Or call us directly at 800-434-1502.