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# UPsafety<sup>®</sup> PE Solution

## OVERVIEW



# Our Story

## T2 SYSTEMS WAS FOUNDED IN 1994 WITH ONE SIMPLE GOAL: MAKE PARKING BETTER.

We immediately established a leadership position in the parking industry and continue to pave the way in new technologies that help you seamlessly manage parking, mobility, and transportation services.

Our unified parking management platform puts all the tools you need to be efficient and effective at your fingertips, with one place to manage Permits, Enforcement, PARCS, Pay Stations, Mobile Payments, and more.

With a strong track record of delivering projects that generate real return for our customers, and by delivering a quality experience for parking patrons, T2 continues to focus on helping our customers move their operations forward.

In 2021, T2 Systems was acquired by Verra Mobility (NASDAQ: VRRM), a leading provider of smart mobility technology that makes transportation safer, smarter, and more connected.

### STRENGTH IN NUMBERS

**27+**

Years of Experience

**\$2B+**

Customer Revenue  
Processed Annually

**300+**

Employees

**9,000+**

Customer  
Community  
Members

**2,000+**

Customers

### MISSION

To streamline the parking, mobility, and transportation experience with technology solutions that help organizations manage resources, achieve goals, and empower consumers with choices.

### VISION

Make every trip a smooth journey.

# UPsafety<sup>®</sup> PE Solution

## SOFTWARE BUILT FOR YOUR PARKING OPERATION

UPsafety Parking Enforcement and Permit Management (PE) software by T2 is built to solve the unique challenges smaller municipal and university parking operations face today, providing every required feature that ensures your department becomes more effective and efficient — exactly the way you want.

With an intuitive mobile ticketing front end, a robust Cloud-based backend, and a customizable online portal for citation payments and permit purchases all operating in real-time, the UPsafety PE solution allows your operation to always know where your compliance and revenue-generating programs stand.

Finally, a powerful and effective modern parking enforcement and permit management solution continually engineered for small to mid-size operations like yours is within reach.



Whether you have one officer in the field or one thousand, switching to UPsafety means smarter, seamless enforcement, with implementations completed in weeks — not months.

## THE ARCHITECTURE



## Features

- Parking Enforcement
- Permit Management
- ID & Barcode Scanning
- Auto-Population of Data
- Kiosk Integration
- Photo Proof on Ticket
- Warning Issuance
- Scofflaw Notifications
- Electronic Tire Chalking
- Automated Owner Lookups
- Collection Services
- Boot & Tow
- ALPR
- Disputes, Hearings, and Adjudication Requests
- Fleet Management
- Cloud-Based Records Management
- Field Alerts
- Robust Reporting
- Import Capabilities
- Data Analytics
- 24/7/365 Support
- Personalized Training

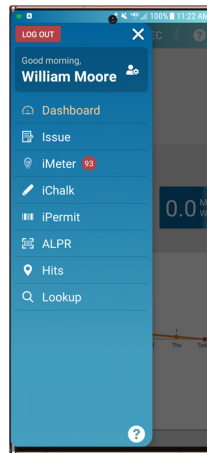
# UPsafety<sup>®</sup> PE Solution

## MOBILE ENFORCEMENT

The Mobile Enforcement Platform for the UPsafety PE Solution by T2 ensures you have every component needed for advancing the efficiency of your ticket issuance operation, from the ground up.

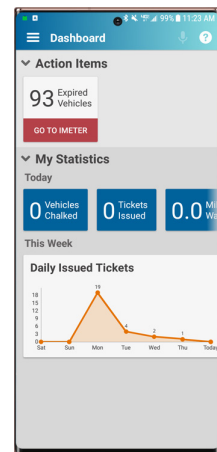
The software is loaded with tailored features designed to allow officers to issue tickets accurately in 20 seconds or less. Never before has such a powerful and complete platform been available for smaller and unique operations like yours.

The platform runs on any Android device, and seamlessly integrates with the solution's Permit and Enforcement Management Portal in real-time to ensure all data on handhelds are up-to-date and accurate, to the second.



The Mobile Enforcement platform for the UPsafety PE Solution offers a wide array of features and functionality.

View real-time enforcement analytics and take action.



Easy-to-navigate auto-fill screens take officers step-by-step through the ticketing process, effectively completing each enforcement entry required.

Fields are auto-filled using ALPR

\* Fields can be customized to your operation

Issue

REC

TICKET #  
P001370423

1 Vehicle License Info

SCAN REG

SCAN DL

SCAN PLATE

ABC1234

PENNSYLVANIA

Enter Vin

2 Location

COPLEY ROAD

3 Vehicle

4 DOOR AUTO

ACURA

BLACK

2020

11/2022

4 Violation

M1 - EXPIRED METER-\$35

4

TOTAL 35.00

5 Image

TAKE PICTURE

CAPTURE SIGNATURE

3

PENNSYLVANIA  
ABC • 1234  
visitPA.com

6 Notes

DEFENDANT PARKED BETWEEN TWO METERS.

- REMOVE SERVICE

Select Service

Select Company

Enter Service Note

7 Permit Info

PR00000046721

ATHLETIC CLUB PASS

2021-11-04

☐ Print Notes

☐ This Ticket is a Warning

Associated Records

ICHalk VIEW DETAILS

PRINT & ISSUE

## Features

- Intuitive, easy to read screens
- Streamline multiple enforcement tasks eliminating time-consuming steps
- Auto-populate fields instantly through ALPR, voice, or barcode scanning
- Instant verification of timed parking stays, permit validations and exclusions, and paid parking status through one snapshot.
- Monitor metered parking with your Pay-by-Space, Pay-by-Plate, or Pay-by-Cell integrations
- Track tire valve locations for electronic tire chalking and access chalks recorded by officers on separate devices
- Automatic scofflaw identification and escalation
- Real-time Google Maps integration
- Ticket data is uploaded in real-time to the Management Portal and is immediately available for payment by violators

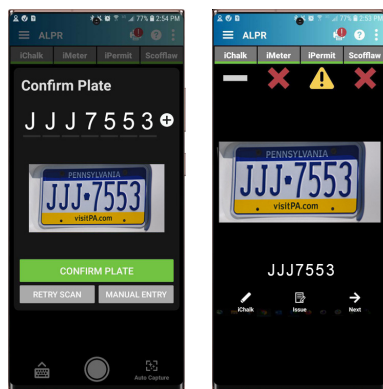
# UPsafety<sup>®</sup> PE Solution

## MOBILE ENFORCEMENT

### Eliminate Time-Consuming Steps

With our Automatic License Plate Recognition (ALPR) integration, a simple photo of a vehicle's license plate number will fill out information for you within our Mobile Enforcement software. ALPR integration will provide you with instant verification of timed parking stays, scofflaw offenses, permit validations and exclusions, and paid parking status—all through a single snapshot.

### ALPR

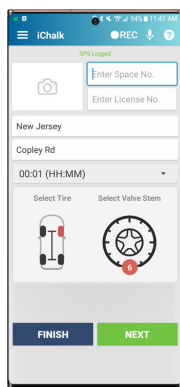


Snap the plate and check for chalks, meter violations, permits, scofflaw, and more.

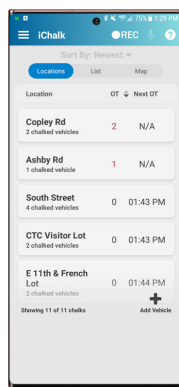
### Time Vehicle Stays in Seconds

Our state-of-the-art electronic tire chalking functionality aids officers in performing the task of timing vehicle stays without the use of notepads, bending, or physically contacting the vehicle. Images provide proof of violation and can assist officers in re-confirming if the same vehicle is over time. Each photo is time stamped and includes GPS information of where the vehicle was chalked.

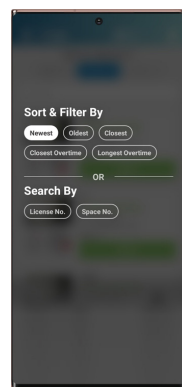
## ELECTRONIC TIRE CHALKING



New Vehicle



Vehicle List



Sorting Filter



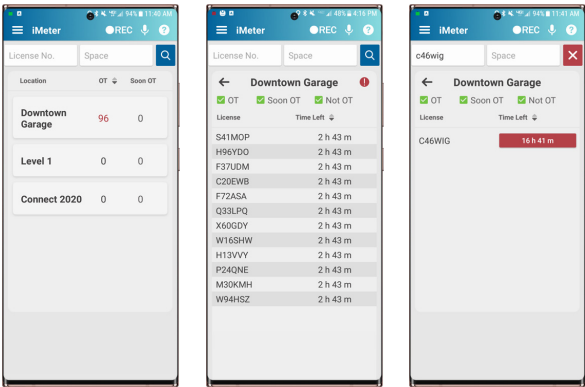
# Real-Time Pay-By-Phone/Space Enforcement

Your Pay-by-Space, Pay-by-Plate, or Pay-by-Cell integrations work with our Mobile Enforcement Platform to inform officers of current parking payment status prior to ticket issuance.

Utilizing accurate, real-time data delivered directly into officers' hands, this feature provides an overview of all spaces in an area, with information on which have been paid for, which are soon to expire, and which have already expired. With this solution, officers know what areas to target first, thus increasing efficiently while patrolling.

We integrate with a growing list of industry-leading kiosk and pay-by-phone vendors.

## MONITORED METER PARKING



By Location

Location Details

Over-Time Vehicles

## KEY INTEGRATION PARTNERS



# UPsafety<sup>®</sup> PE Solution

## HARDWARE OPTIONS

### THE XF ALL-IN-ONE HANDHELD DEVICE

The XF was built with flexibility in mind. Unlike handheld models of the past, the user interface is completely removable and replaceable, meaning less downtime during repairs. The XF has an impressive battery life and promises an enduring lifespan. Each XF unit – or “pod” – is built to fit the mobile device it encases, while its batteries, integrated printer and scanner are interchangeable with other XF pod models.



#### Details

##### Supplemental “Hot-Swap” Battery

- Lithium-ion
- -20° - + 60°C Operating Temperature

##### 3-inch Direct Thermal Printer

- Direct thermal
- -2.8-inch Print Width



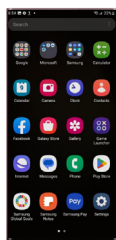
##### 2D Barcode Scanner

- Honeywell N6600 Series
- High Visibility Red Laser
- White LED Illumination

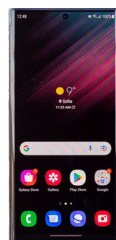
#### Features

- Hot swappable supplementary battery
- Programmable LED indicator
- 6.7 Inch Display
- 12/64 megapixel camera
- 5G LTE Connectivity
- Rugged IP65 rated housing

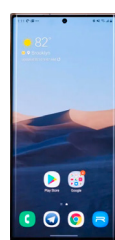
#### Interoperable Devices



Samsung Galaxy S23 Ultra



Samsung Galaxy S22 Ultra



Samsung Note 20

# UPsafety® PE Solution

## TICKETS

UPsafety Tickets make a noticeable difference for you and your patrons by providing easy-to-read, accurate information — every ticket, every time.

Tickets can be viewed online immediately after issuance, including associated photos, GPS location and all other violation details.

### TEAR AND WEATHERPROOF THERMAL POLYVINYL

(No ink and no envelopes)

The diagram shows a sample parking ticket with the following details:

- City Logo:** A circle with the text "Your City Logo Here".
- Address:** 1234 Main Street, Your City, State 98765, (123) 456-7890.
- VIOLATION:** A section header.
- Citation Data:** TICKET # P001352598, ISSUE DATE: 01/01/21 12:26, LICENSE NO.: GTB1082, LP STATE: PENNSYLVANIA, LOCATION: MAIN STREET, VEH MAKE: ACURA, VEH TYPE: 4 DOOR, VEH COL: BLACK, VIOLATION: R12-Over Time Limit-\$25, FINE: \$25, Due Today: \$25.00, After 01/01/2022: \$30.00.
- Barcode:** A barcode representing the ticket number P001352598.
- License Plate:** A high-resolution color image of a Pennsylvania license plate with the number GTB-1082.
- Signature:** A signature of W. Moore, with the text "Signature (Moore #1234)".
- Payment Information:** "You have committed the parking violation(s) listed above. If payment is not received within 7 days, a court summons will be issued for the ordinance(s) violated and your fine will increase. For additional information or to report a malfunctioning meter call: (123)456-7890. Proof of payment rests with violator. Pay Online at: www.upsafety.net".
- QR Code:** A QR code at the bottom of the ticket.

Callouts and features highlighted:

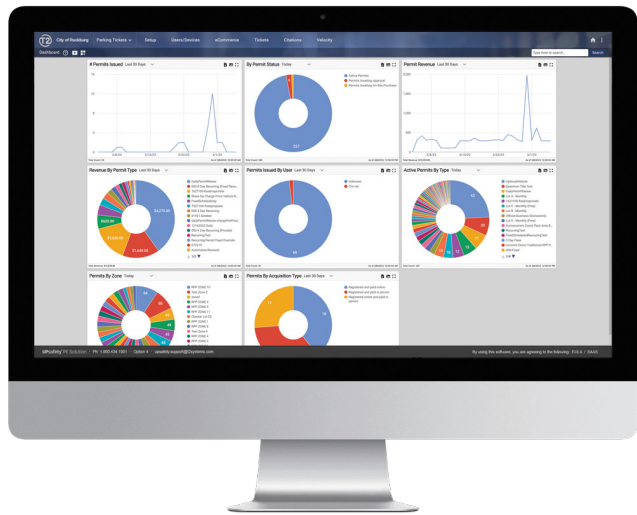
- Citation data, layout and verbiage fully customized to your requirements** (points to the violation details section).
- GPS & time/date stamping** (points to the issue date and time).
- Officer signature capture** (points to the signature).
- One image printed directly on the issued citation** (12 images viewable in the back office) (points to the license plate image).
- Seamless payment interaction via the Web, phone, or QR code** (points to the payment information section).

# UPsafety® PE Solution

## PERMIT MANAGEMENT

The UPsafety PE Solution is equipped to sell, manage, and allow the enforcement of several unique permit types issued by municipalities, parking authorities, universities, hospitals, and private properties.

Permit purchases and renewals are fully automated to save you time and improve your customers' experience, and a Permit Dashboard gives you real-time visualizations of important data such as permit status, issuance detail, and revenue generated, to help keep your permit operation organized and efficient.

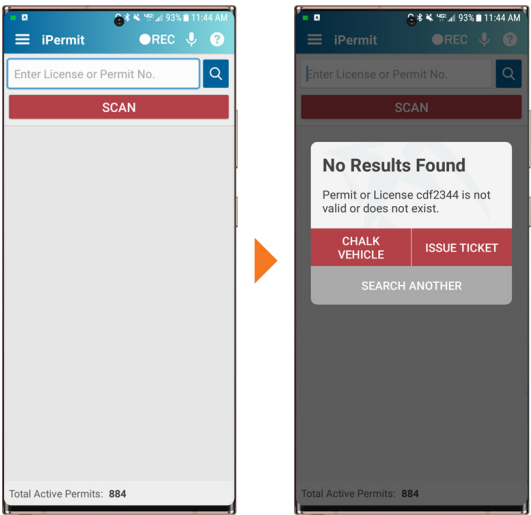


**The Permit Dashboard on the Management Portal provides you real-time standings of your permit operation.**

# CHECK THE VALIDITY OF VEHICLE PERMITS IN THE FIELD

The integration of permit verification is an integral part of the UPSafety PE Solution and its Mobile Enforcement Platform. With its functionality, you can enter a permit ID number or scan the ID barcode to instantly review

details electronically. View the permit ID, vehicle registration number, vehicle registration state, vehicle make, vehicle type, vehicle color, permit holder contact information, and permit holder contact information.



If a vehicle does not have a permit ID number visible, you can simply enter the vehicle registration number and state to verify if the vehicle has a valid permit.

**“For all the permits we manage - and there’s a lot of them we organize and offer - the UPSafety system makes it so much easier on all of us here.”**

Parking Manager  
Gettysburg Borough

# UPsafety<sup>®</sup> PE Solution

## MANAGEMENT PORTAL

The UPsafety PE Solution's cloud citation management platform takes care of your technology so you can focus on your business, offering every feature required to run a state-of-the-art enforcement operation.

All data, photo evidence, and notes from the mobile handhelds are synchronized to the Cloud in real-time, meaning you can allow payments and disputes to be processed the moment a ticket is issued. You can also manage permit and scofflaw data to keep enforcement devices updated to the second, and gain operational insight using a complete suite of powerful data analytics.



The Cloud is highly secure, SOC-2 Type 2-certified system, accessible from any device and browser.

### Features

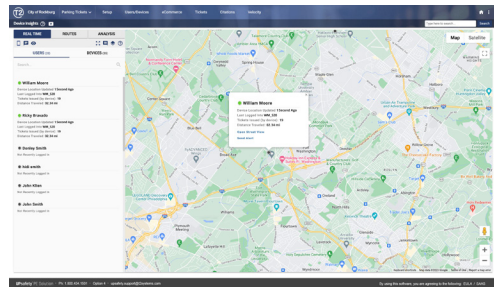
- View, maintain and process all ticket and permit data
- Create & review real-time officer locations and issuance data
- Create custom reports
- Communicate with and dispatch officers in real-time
- View detailed analytics on each and every aspect of your enforcement program

## Real-time Layer

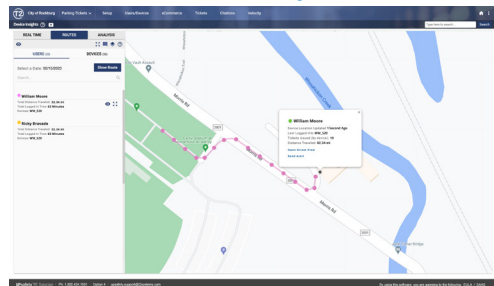
## Device Insights

Analyze and fine-tune enforcement activities through the UPSafety Solution's Device Insights tool on the Management Portal. Managers and supervisors have access to real-time data that allows them to:

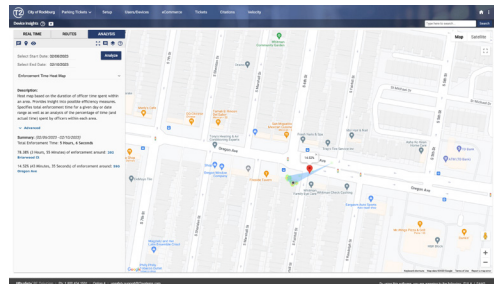
- Visualize real-time officer location
- Visualize paths of officers for any day
- Display total distance traveled per officer as well as total “logged in” time
- Identify key areas that may requires additional or less enforcement
- Generate Heat maps based on enforcement activity



## Routes Layer



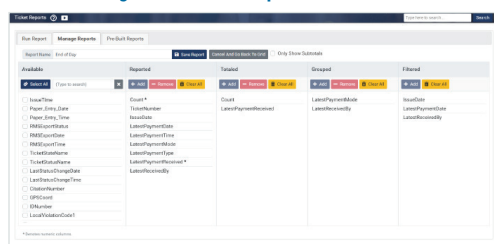
## Analysis Layer



## Comprehensive Reporting

- Create your own reports or use pre-built templates
- Run reports on demand or have emailed on recurring schedule
- All data is reportable, groupable, and filterable
- Set default or custom filters
- Reports generate XLSX files

## Easy to use Report Builder



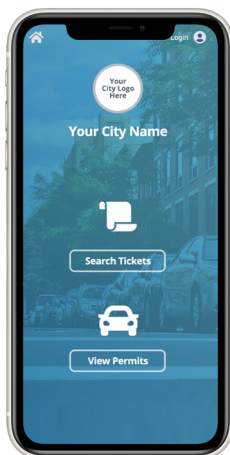
# UPsafety® PE Solution

## PATRON PORTAL

Handle parking citation payments, disputes, and permit sales effortlessly with our highly secure and customizable e-commerce patron portal option, as part of the UPsafety PE Solution.

From the portal integrated from your website, your patrons can view photo evidence as well as your department's parking fine and fee schedules, dispute

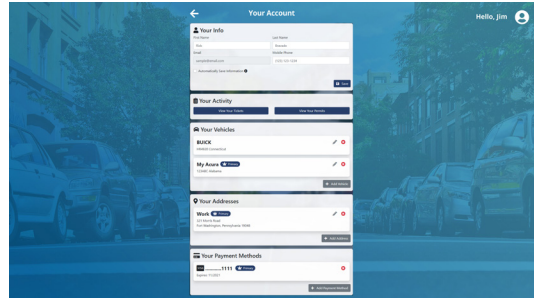
tickets with the ability to upload file attachments securely, and purchase, renew, and track permits – creating a great experience for all who use the platform.



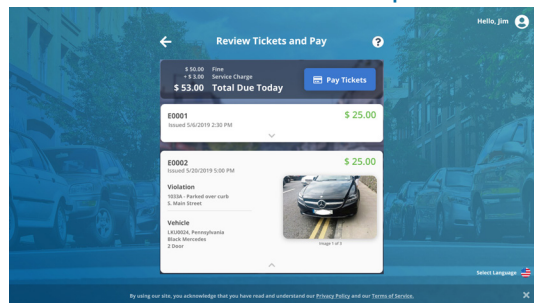


## Features

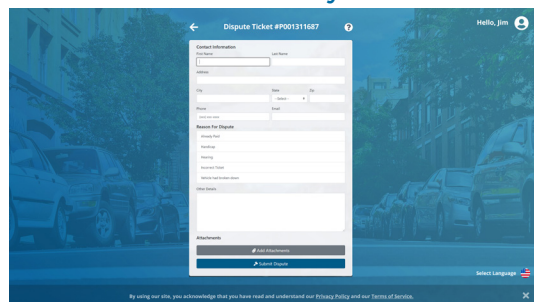
- Review photo evidence, as well as all ticket data recorded at the time of issuance
- View parking fine schedules, laws, and FAQs
- Purchase, renew, and track permits
- Dispute and inquire as to ticket status via text, including the upload of secure file attachments which can be viewed immediately by organization staff



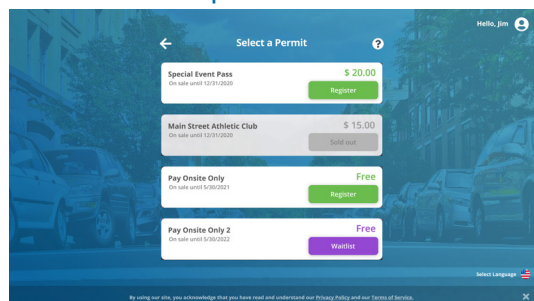
## User Account Setup



## Ticket Pay



## Dispute Tickets



## Permit Purchase

# A Smooth Journey

No other parking technology provider has the breadth of solutions that T2 offers — including Permits, Enforcement, PARCS, Pay Stations, Mobile Payments, and more — and we have experience with many different types of customers, from universities to municipalities to private operators. **From this experience comes a level of expertise that understands parking from a holistic perspective, enabling us to offer a wide array of value-adding professional services to optimize your parking operation, including citation handling.**

## CITATION SERVICES

By deploying our tested and trusted processes, you and your team can focus on other areas of your operation, knowing that your outstanding citations are being taken care of by the best in the industry.

Our suite of reliable outsourced parking collections services

includes Citation Processing, Registered Owner Retrieval, Letter Services, Payment Processing, and Collections. We will work with you to find the right combination of services for your operation so you can improve your collection rates and maximize revenue.

## EXPERTS IN CITATION COLLECTIONS

**T2 Citation Services** is a full-service, certified collection administration solution that allows your operation to increase revenue and create operational efficiency.

- Citation Processing
- Letter Services
- Payment Processing
- Collections

**1M+**

Citations  
Processed

**\$5.2M**

Estimated Return  
to T2 Customers  
(YEARLY AVERAGE)

**45%**

T2 Collection  
Rate

**22%**

Industry Standard  
Collection Rate

## ABOUT T2 SYSTEMS

T2 Systems, a Verra Mobility company, is the leading provider of parking management solutions in North America. For 30 years, T2 continues to serves more than 2,000 customers and maintains the largest customer community in the industry with nearly 7,000 active members. T2 partners with universities, municipalities, operators, and healthcare campuses to generate revenue and operate efficiently with a comprehensive, unified suite of parking technologies and standalone solutions. We strive to make every trip a smooth journey by streamlining the parking and mobility experience with solutions that help manage resources, achieve goals, and empower consumers with choices.





800.434.1502 | [T2Systems.com](https://T2Systems.com)

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**Indianapolis Office (Headquarters)**

8900 Keystone Crossing, Suite 700  
Indianapolis, IN 46240  
317.524.5500

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**Burnaby Office**

3480 Gilmore Way, Suite 300  
Burnaby, BC V5G4Y1  
778.375.6000