Free Flow Solutions

Smarter operations. Stronger revenue. Seamless journeys.

The parking market is evolving—moving beyond gates and tickets toward flexible, digital-first operations. Free Flow, powered by SPARK, helps operators optimize assets, unlock new revenue streams, and reduce costly infrastructure. At the same time, it delivers a seamless, frictionless experience that today's parkers expect.

Powered by SPARK

What's Ticketless?

+ Ticketless replaces paper tickets with license plate recognition or mobile credentials, cutting costs and streamlining the entry process.

What's Gateless?

+ Gateless removes physical barriers, enabling frictionless drive-in/drive-out access powered by digital payments and enforcement.

What's Free Flow?

+ Free Flow combines ticketless and gateless technologies to deliver a seamless, digital-first parking journey that optimizes operations and revenue.

What's Right for Me?

+ The right approach depends on your asset, risk profile, and goals—SPARK gives you the flexibility to choose the Free Flow model that fits best.

The Market Need for Free Flow

Why the Future is Now for Ticketless & Gateless Solutions

The parking industry is evolving rapidly. Operators and asset owners are under increasing pressure to adapt to new realities:

Control rising operational costs while still improving throughput and overall customer satisfaction.

Meet consumer expectations for faster, more convenient, and safer ways to park, pay, and exit.

Deliver frictionless, contactless experiences that align with the digital-first world.

Support smart city initiatives and seamlessly integrate with broader mobility ecosystems.

Free Flow parking has emerged as the answer. By moving beyond the limitations of gates and tickets, operators can **lower infrastructure costs**, **optimize asset utilization**, and **create modern parking journeys** that meet the needs of both today's parkers and tomorrow's cities

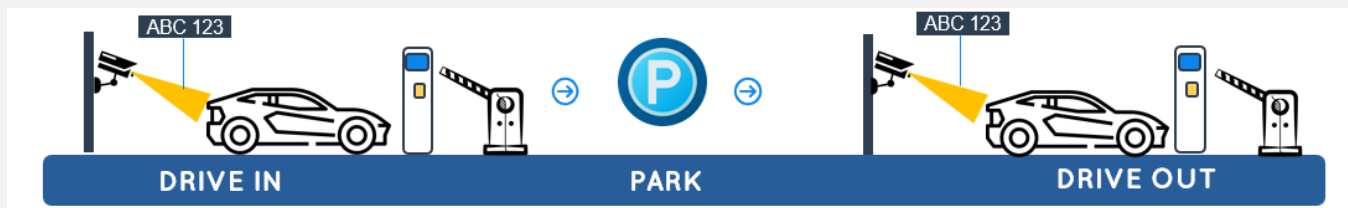# Introducing Free Flow

Flexibility to Fit Every Operation

Not every parking operation has the same needs—or the same tolerance for risk. That's why TIBA offers **three distinct configurations of Free Flow,** each designed to balance control, cost, and customer experience. From fully equipped to completely gateless, operators can choose the **Free Flow** type that best fits their assets and goals.

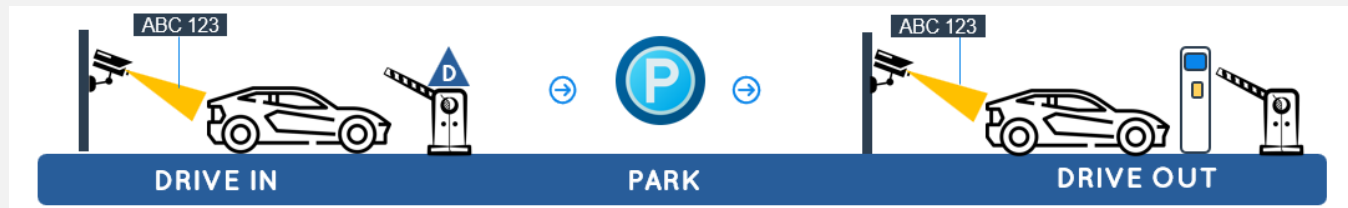Free Flow Type 1 at Lexington Blue Grass Airport

Type 1: Free Flow Fully Equipped

For operators seeking a lower-risk transition, Type 1 combines LPR with gates, scan to pay, and pay-in-lane at exit option. This ensures strong revenue control while introducing the benefits of ticketless access.
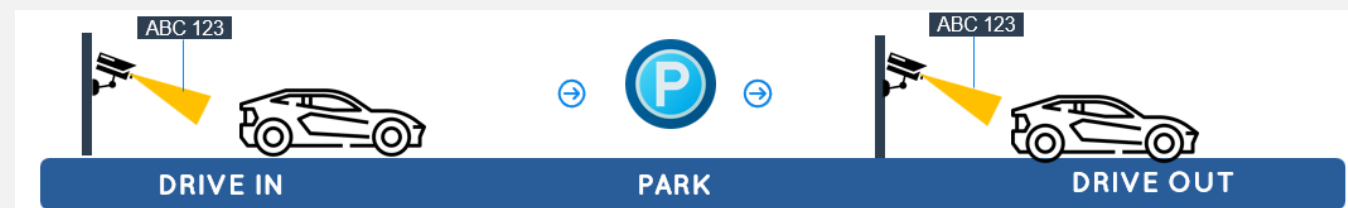

DRIVE IN — PARK — DRIVE OUT

Type 2: Free Flow Hybrid

A balance between convenience and control, Type 2 removes the entry gate, or you can have a auto-vend gate, for faster throughput while keeping a fully equipped exit. Payments are handled via scan-to-pay and pay-in-lane, with optional enforcement for added compliance.

DRIVE IN — PARK — DRIVE OUT

Type 3: Free Flow Gateless

The most advanced, Type 3 eliminates gates entirely. With LPR, mobile-first payments, and SPARK's integration with enforcement partners, operators achieve maximum efficiency, lowest infrastructure costs, and a truly seamless parker journey.

DRIVE IN — PARK — DRIVE OUT

The Core Components of Free Flow

Flexibility to Fit Every Operation

Free Flow is more than just removing gates—it's an ecosystem of technology and integrations that work together to optimize assets, protect revenue, and create a seamless parker experience. Powered by **SPARK**, these core components form the foundation of a flexible, future-ready operation.

Introducing the TL-60

A New Form Factor Purpose Built for Ticketless and Gateless Environments

SPARK Management Platform

+ Core platform for your Free Flow solution, powering your PARCS hardware, like the TL-60, and integrating third-party technology.
+Central command for monitoring, reporting, and revenue assurance.
+ Cloud-based, scalable, and backed by 30+ years of expertise.

License Plate Recognition (LPR)

+ High-accuracy cameras capture vehicle entry and exit in real time.
+ Enables ticketless access, enforcement, and data-driven insights.

Digital Payments & Scan-to-Pay

+ App-free mobile payments, subscriptions, reservations, and card-on-file options.
+ Reduces cash handling and makes transactions faster and safer for parkers.

Enforcement Integrations

+ Partner-driven solutions to ensure compliance in gateless environments.
+ Flexible options for citations and revenue protection.

Partner Ecosystem

+ Seamless integrations with business intelligence, parking guidance, EV charging, camera monitoring, and more.
+ Expands functionality while future-proofing your operation.

+ **Seamless Integration:** Works with SPARK to support scan-to-pay, credit card on file, reservations, and subscriptions.
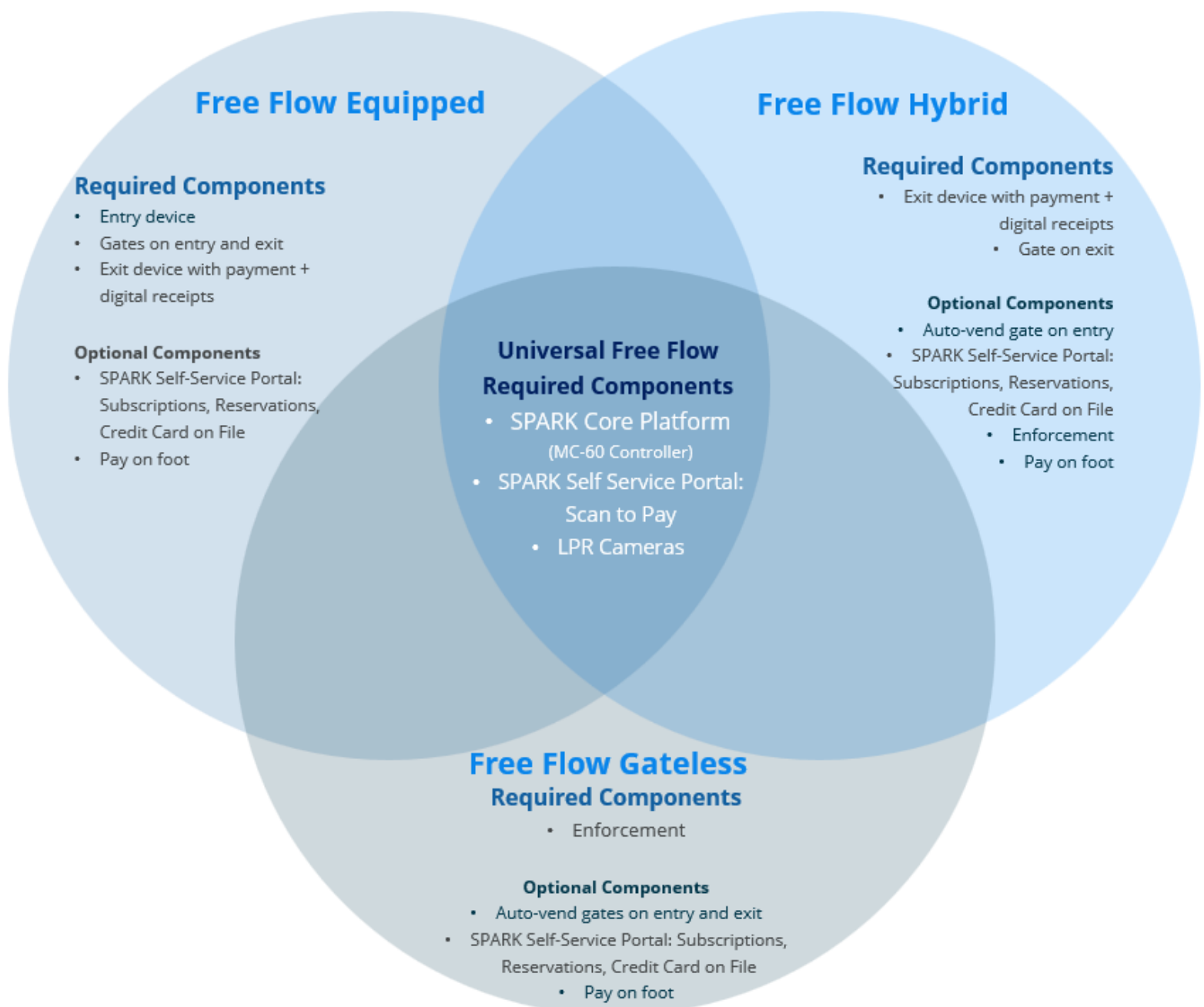
+ **Smaller footprint, lower costs:** Compact form factor reduces hardware complexity and maintenance while maximizing efficiency.

+ **Digital-first design:** Eliminates the need for a printer by delivering digital receipts directly to the parker.

The Building Blocks of Free Flow

From universal essentials to optional features, Free Flow adapts to your operation's goals.

Each Free Flow configuration—Equipped, Hybrid, or Gateless—builds on universal components like the SPARK Core Platform, Scan to Pay, and LPR cameras. Each type then adds its own required elements, such as gates, entry/exit devices, or enforcement, with optional features like the Self-Service Portal, subscriptions, credit card on file, or auto-vend gates. This flexible structure ensures every solution delivers the right balance of core technology, control, and customization to fit your operation.

Free Flow Equipped

Required Components

- Entry device
- Gates on entry and exit
- Exit device with payment + digital receipts

Optional Components

- SPARK Self-Service Portal: Subscriptions, Reservations, Credit Card on File
- Pay on foot

Free Flow Hybrid

Required Components

- Exit device with payment + digital receipts
- Gate on exit

Optional Components

- Auto-vend gate on entry
- SPARK Self-Service Portal: Subscriptions, Reservations, Credit Card on File
- Enforcement
- Pay on foot

Universal Free Flow Required Components

- SPARK Core Platform (MC-60 Controller)
- SPARK Self Service Portal: Scan to Pay
- LPR Cameras

Free Flow Gateless

Required Components

- Enforcement

Optional Components

- Auto-vend gates on entry and exit
- SPARK Self-Service Portal: Subscriptions, Reservations, Credit Card on File
- Pay on foot

Where Free Flow Works Best

Tailored configurations for every environment

Type 1 – Free Flow Fully Equipped (Gated Ticketless)

Use Cases:
+ High-value assets like **downtown garages** or **commercial office towers** where revenue control is critical.
+ **Hospitals or healthcare facilities** where operators want full gate control for patient, visitor, and staff flows.
+ **Municipal garages** in busy districts where a balance of control and digital convenience is needed.

Operator Benefits:
+ Retains full revenue protection with gates while reducing maintenance vs. ticket-based systems.
+ Provides a safer transition into ticketless by layering LPR, scan-to-pay, and pay-in-lane.
+ Delivers accountability and familiarity for both operators and parkers.

"Free Flow adapts to a variety of environments—municipalities, campuses, airports, mixed-use properties, and event venues—giving operators lower costs, smarter revenue strategies, and a seamless parker experience."

Type 2 – Free Flow Hybrid

Use Cases:
+ **University campuses** where fast entry is critical, but exit control is still required.
+ **Retail/mixed-use centers** where operators want to reduce entry congestion but still ensure compliance at exit.
+ **Municipal surface lots** where throughput is important, but some gate infrastructure is desired for enforcement.

Operator Benefits:
+ Reduces bottlenecks at entry while maintaining revenue assurance at exit.
+ Lowers equipment and operating costs compared to fully equipped models.
+ Offers flexibility with optional enforcement, scan-to-pay, and mobile-first tools.

Get Started Today

Scan the QR code to connect with our team and discover how our Free Flow can optimize your parking asset.

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FAAC PARKING SOLUTIONS

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