

FLOW DRIVE

Next-Generation AI-Powered Drive-Thru System for QSR Efficiency & Sales Growth

- / INCREASE ORDER VALUE BY 10-20% WITH AI-POWERED UPSELLING*
- / ELIMINATE ORDER ERRORS WITH SPEECH-TO-SPEECH AI TECHNOLOGY
- / REVOLUTIONARY COB LED TECHNOLOGY REDEFINES DRIVE-THRU MENU BOARD EXPERIENCE
- / REDUCE STAFF NEEDS WHILE IMPROVING SERVICE SPEED
- / ADAPTIVE AI OPTIMIZES PERFORMANCE BASED ON QUEUE LENGTH
- / REAL-TIME VISUAL ORDER CONFIRMATION MINIMIZES MISTAKES

*Estimated based on report QSR Magazine – 2024 Drive Thru Report.



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Next-Generation AI-Powered Drive-Thru System for QSR Efficiency & Sales Growth

The FLOW DRIVE is a next-generation AI-powered ordering system designed to enhance customer experience, increase sales, and optimize operations in Quick Service Restaurants (QSR). By combining advanced AI voice interaction, dynamic digital signage, intelligent queue management, and seamless POS integration, it creates a frictionless, high-performance Drive-Thru ecosystem.

FLOW DRIVE consists of three powerful, fully integrated modules:



Flow Basket – real-time shopping cart module that displays customer orders dynamically as they're being placed, confirms selections visually, calculates pricing, and integrates directly with restaurant POS systems. It provides customers with instant visual feedback on their orders and transmits accurate order information to kitchen systems.



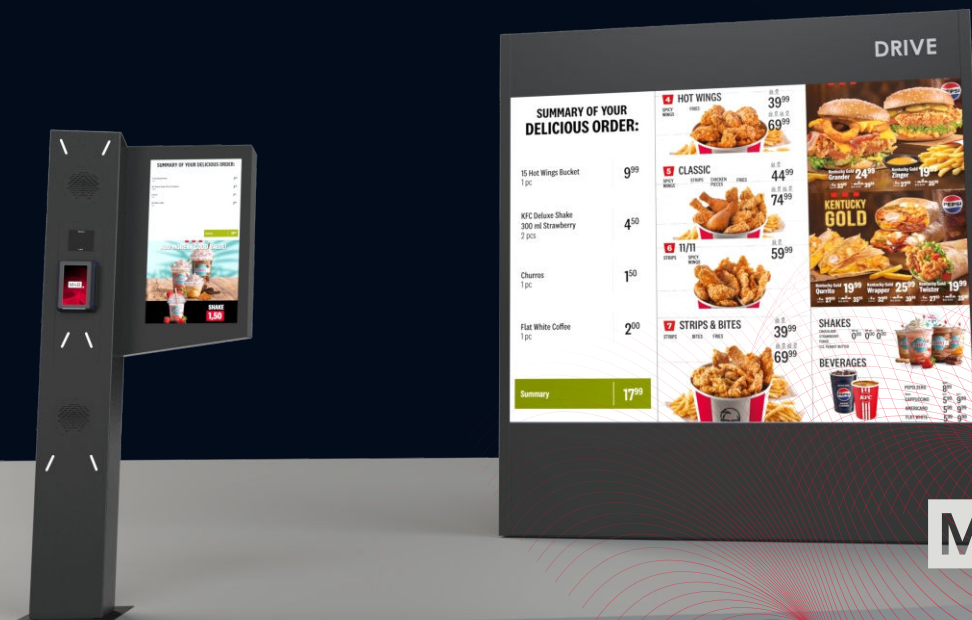
Flow Choice – intelligent recommendation engine that analyzes cart contents, historical data, and current restaurant conditions to suggest personalized upsells and promotions. It dynamically adapts offers based on inventory, time of day, and queue length to maximize profitability while maintaining customer satisfaction.



Flow Voice AI – advanced AI voice interface that utilizes Speech-to-Speech technology and LLMs to conduct natural, conversational ordering. It understands customer intent, accommodates modifications, handles accents, background noise and adapts its pace based on queue conditions.



WAVE 2.0 is an advanced Content Management System that manages all marketing media across digital screens and delivers the Flow Basket Extension – a specialized component for presenting real-time basket data on outdoor menuboards.



FLOW DRIVE

Key Features & Components



Customer Interaction & Ordering Process

- ✓ LED/LCD Pre-Menuboard (Displays general promotions for all customers waiting in line)
- ✓ License Plate Recognition (LPR) Camera (Identifies returning customers for personalized offers at the Menu Board)
- ✓ Flow Voice AI Module (Handles natural conversations & orders via Speaker Post)
- ✓ Flow Basket Module (Displays real-time shopping cart to customers)
- ✓ Integrated Payment Terminal (Contactless payments directly at Speaker Post)
- ✓ Loyalty Scanner (Personalized discounts & upsell offers applied to final order)
- ✓ LED/LCD Digital Menuboard (Displays personalized offers, context-based promotions, and order confirmation)



FLOW DRIVE - Smart Processing Software

- ✓ Flow Voice AI Module (Processes voice in real-time with Speech-to-Speech AI, no STT/TTS delays)
- ✓ LLM-Based Order Processing (Understands customer intent, modifies orders dynamically)
- ✓ Flow Choice Module (Analyzes cart contents & suggests profitable add-ons)
- ✓ Queue Adaptive Service (Adjusts AI behavior based on real-time traffic conditions)
- ✓ POS API Integration (Ensures order accuracy & automatic syncing with restaurant systems)



Queue & Traffic Optimization - Adaptive AI Adjustments

- ✓ Camera/Vision System (Detects vehicle presence & monitors queue length)
- ✓ Audio Communication System (Connects AI with restaurant operations & manual backup)
- ✓ AI-Driven Queue Management (Slows down or speeds up interactions based on traffic)



POS Integration - Seamless Order Processing

- ✓ Flow Basket Module (Syncs directly with restaurant kitchen & cashiers)
- ✓ Handles pricing, promotions & dynamic updates
- ✓ Connects with loyalty systems & cloud-based analytics

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How It Works – System Operation Modularity



Vehicle Detection & Customer Identification

- ✓ Camera/Vision System detects approaching vehicles
- ✓ License Plate Recognition (LPR) checks for returning customers
- ✓ General promotions and personalized offers are displayed on the Pre-Menuboard



Pre-Ordering Engagement (Pre-Menuboard & Promotions)

- ✓ Customers see general promotional content on the LED/LCD Pre-Menuboard
- ✓ Content is not personalized but targeted toward all waiting vehicles
- ✓ AI adapts promotions based on client business priorities



AI-Powered Ordering at Speaker Post

- ✓ Flow Voice AI Module greets customers and takes their order
- ✓ The system understands natural speech, suggests relevant upsells and modifies orders dynamically
- ✓ AI prioritizes speed or engagement based on queue length



Real-Time Order Display & Payment (Menuboard & Speaker Post)

- ✓ Flow Basket Module shows customers their current order in real-time
- ✓ Flow Choice Module generates personalized promotions, context-based offers displayed on the LED/LCD Digital Menuboard
- ✓ Customers confirm their order visually on the Menuboard or Speaker Post screen
- ✓ Payments are processed via the integrated terminal at the Speaker Post



Seamless POS & Kitchen Integration

- ✓ Orders processed through Flow Basket Module are instantly sent to the restaurant's POS system
- ✓ The AI synchronizes pricing, menu availability and promotions
- ✓ The system dynamically adjusts recommendations based on inventory & business priorities



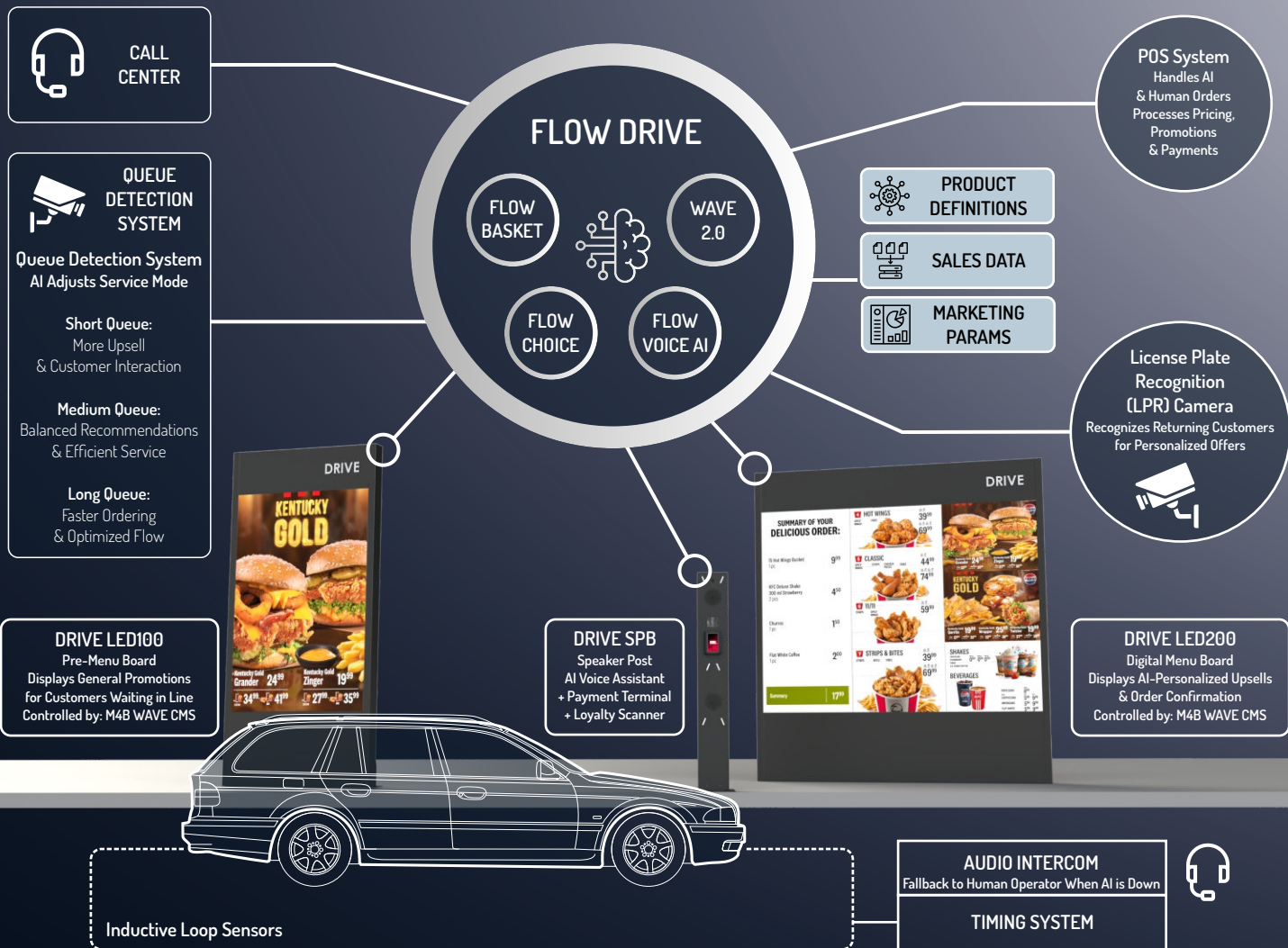
Queue Optimization & Traffic Flow Management

- ✓ AI continuously analyzes queue length via camera/vision system
- ✓ Adjusts behavior dynamically:
 - » Short queues → Enhanced customer engagement with extensive upselling through Flow Choice
 - » Medium queues → Balanced approach with targeted recommendations and efficient service
 - » Long queues → Faster service & streamlined order processing with minimal upsells



Failover

- ✓ In case of AI failure, the Audio Communication System seamlessly transfers control to a human operator



FLOW DRIVE

Key Benefits of FLOW DRIVE



Increased Sales & Higher Average Order Value (AOV)

- » Flow Choice Module boosts order size by 10-20%
- » Personalized promotions encourage repeat customers & loyalty usage
- » WAVE 2.0 optimizes digital signage to increase impulse purchases



Faster, More Accurate Drive-Thru Service

- » Flow Voice AI Module understands natural speech & customer intent instantly
- » No order repetition needed - Reduces errors & improves efficiency
- » Flow Basket Module ensures orders are sent directly to POS & kitchen reducing wait times



Operational Efficiency & Cost Savings

- » Reduces need for additional staff at Drive-Thru
- » Minimizes human errors, leading to fewer refunds & faster service
- » Queue-adaptive AI ensures optimized service speeds

Contact & Next Steps

Want to revolutionize your Drive-Thru? Let's talk!

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