



The Retail Curb Reset

How AVs are reshaping in-store pickup, delivery, and retail real estate

Your Parking Lot Is Becoming a Channel

Autonomous vehicles are about to change how people interact with your stores.

Over the next year, driverless vehicles will begin pulling into your lots. Customers will dispatch Teslas to grab their orders. Amazon's Zoox and sidewalk bots will deliver goods to homes. Bots will arrive while your customers are at work or shopping somewhere else.

We call this shift **Autonomous Commerce**. It is a fast-moving transformation where vehicles, not people, handle order pickups, errands, and last-mile delivery.

Retailers who get ready now will see major gains in customer experience, delivery margins, and property utilization.

Retail Logistics Are Already Stretched

Most stores are already dealing with issues like:

- Crowded lots with drivers competing for space
- No system to manage vehicle arrivals

- Congested fire lanes doubling as pickup zones
- Delayed orders and confused staff
- Customer drop-offs clashing with delivery pickups

Now imagine adding vehicles with no drivers. Delivery bots. Droids. AVs that expect precise instructions. Without curb infrastructure, your location becomes unpredictable and hard to manage.

Self-Delivery is Already Starting

Self-Delivery is a new pickup method where customers send their own AVs to collect online orders.

They place an order, then dispatch a vehicle to your store. Nobody parks, nobody gets out. Autolane makes this process smooth and automated.

With **OpenCurb OS**, retailers can:

- Create digital pickup zones
- Schedule vehicle arrivals by order
- Recognize and assign orders to vehicles
- Keep humans and bots from colliding at the curb

The result is a faster, cleaner, and smarter version of curbside pickup.

Direct Delivery Without Third Parties

Third-party delivery is expensive and dilutes your brand. Autolane helps you build your own AV-powered fleet.

With our **Direct Delivery platform, OpenCurb OS**, you control every step. Your brand, your vehicles, your data.

You get:

- A full delivery backend, including fleet management and routing
- Curbside docking with real-time vehicle coordination
- Integration with your POS and online ordering
- Compatibility with any AV or bot fleet
- Fully branded delivery experience
- Delivery dashboards and insights

You gain:

- More margin on each order
- Improved delivery speed and reliability
- Stronger brand loyalty and customer experience
- Flexibility to scale as demand grows

Ride-Hailing Optimization You Can Use Now

Ride-hailing is already stressing your curb space. You can bring order to the chaos with Autolane's **Ride-Hailing Coordination** platform.

It helps you:

- Digitally assign and manage pickup and drop-off locations
 - Guide AVs and human drivers to correct spots
 - Reduce congestion and stacking
 - Track arrivals, wait times, and overall usage
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Your Curb Will See Every Type of AV

The AV future is more than cars. Your locations will need to interact with:

- Passenger AVs from Tesla, Zoox, Waymo, Cruise, and Hyundai
- Sidewalk bots from Starship, Serve, and Cartken
- Delivery droids from Nuro and Kiwibot
- Drone delivery from Zipline and Wing
- Semi-autonomous vehicles from Rivian, Toyota, and others

Autolane's **OpenCurb OS** gives your store one simple interface to coordinate with all of them.

Why Retail Leaders Are Getting Ahead Now

Improve Flow

Make pickups easier for customers and more efficient for staff

Increase Margins

Deliver directly and keep what third-party apps normally take

Elevate the Brand

Control how customers experience the final mile

Use Space Smarter

Convert underused parking into high-turnover zones

Get AV ready now!

Autonomous Commerce is no longer science fiction. It is beginning now. Smart retailers are preparing their properties, tech stacks, and staff.

Autolane is your infrastructure partner to help you manage the shift, reduce friction, and deliver in smarter ways.

Want to explore how your retail locations can get AV-ready?

Email opencurb@goautolane.com to start the conversation.