**Cox Automotive**

**Retail Vehicle Inventory Management**

**CARVIM**

# **Overview**

## What is CARVIM?

Cox Automotive Retail Vehicle Inventory Management (CARVIM) platform is a set of application processing interfaces (APIs) developed as a ***common inventory platform***. The CARVIM APIs, in their function as acommon inventory platform, work to facilitate the creation, retrieval and consolidation system of vehicle inventory data.

The CARVIM APIs are accessible to all of Cox Automotive’s business units (BUs). By leveraging the CARVIM APIs each BU can plug this powerful pre-built inventory management system into the rest of their application(s). Or, due to the modular nature of CARVIM each BU can take a phased approach and integrate with certain APIs, or even certain data in the APIs, as they move towards full integration.

The CARVIM platform provides a common data store of vehicle inventory data. Integrators are able to add vehicles to this store, update vehicles, retrieve vehicle records, search for a range of inventory, or query for specific attributes of vehicles such as equipment or pricing data.

**Cox Automotive Business Units**

The chart below displays the CARVIM API as the central system that supports the BUs that need to obtain vehicle inventory data and need to deliver that data to their external customers.

Importantly, the chart demonstrates how the CARVIM API reaches across all BUs.

BUs are encouraged to become part of the API provider group to consume the CARVIM API. This will enable all Bus to have immediate access to the specifications of a vehicle, and to lessen the need to manage vehicle inventory data storage. By using the CARVIM API, BUs can expect to receive secure and accurate vehicle inventory data.

