

Monitoring and protecting smart mobility services & applications

The rise of connected and software-defined vehicles has introduced innovative technologies and services that heavily rely on APIs.

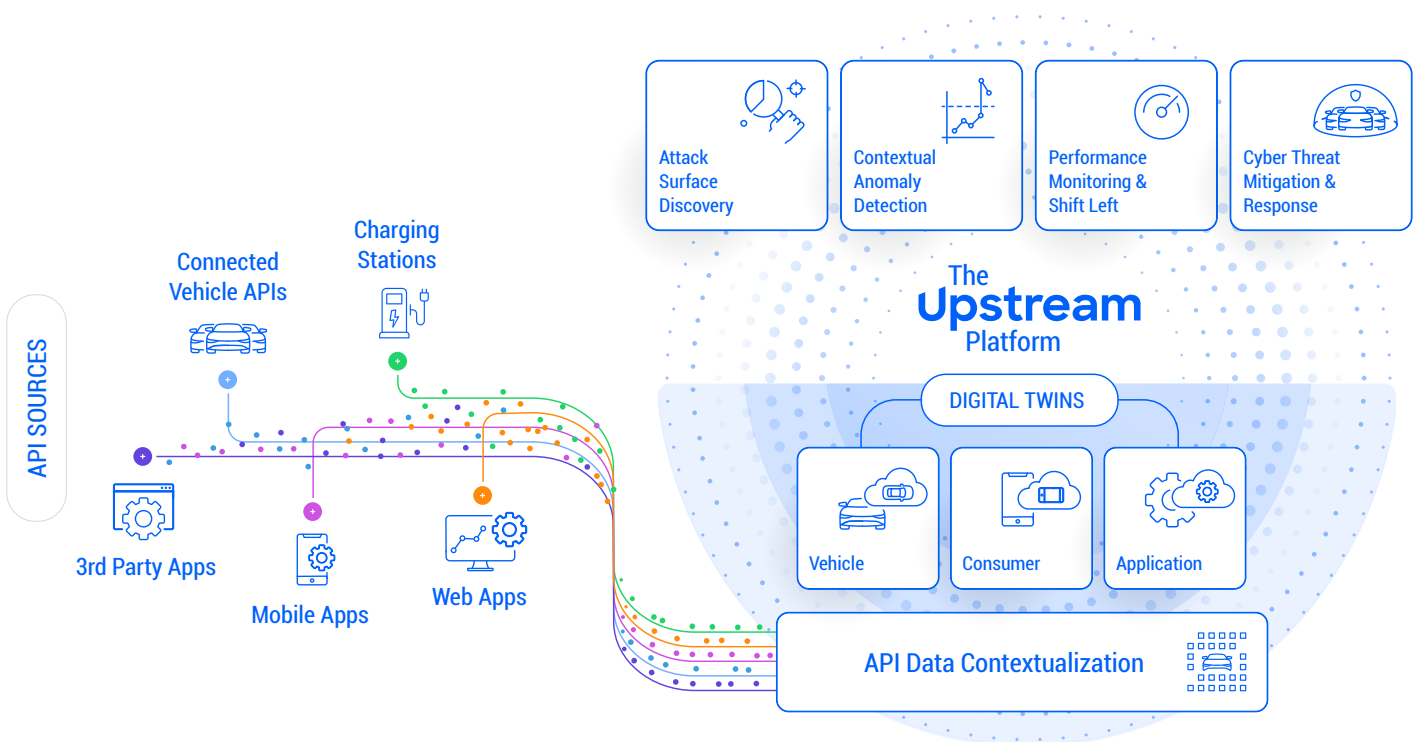
With API cyber attacks on the rise, generic API security solutions fail to detect sophisticated attacks that impact vehicles on the road.

As a platform purpose-built for automotive, Upstream is uniquely able to understand the context of a mobility API transaction, for example, the vehicle's proximity to the

application requesting access. Upstream also detects misconfigurations and identifies anomalies in API behavior unique to the automotive use case.

Upstream's Smart Mobility API Security relies on a robust digital twin on the Upstream Platform, a live digital representation of the vehicle's state and other related assets. It offers a comprehensive view of all assets impacted, from the consumer application to the individual vehicle to the entire fleet.

UPSTREAM SMART MOBILITY API SECURITY SOLUTION



Layering automotive and cyber expertise to monitor and secure smart mobility APIs from cybersecurity vulnerabilities, attacks, misconfigurations, and design flaws.



Accurate Profiles and Performance Benchmarking

The Upstream Platform analyzes and profiles the standard behaviors of APIs and how they interact with the vehicle in context, including the behaviors of consumers, to establish performance benchmarks and accurately detect threats.



Comprehensive Automotive Threat Detection

React in real-time by correlating consumer behavior on your mobile or web applications and the live state of the vehicle for a clear understanding of APIs at work. Detect the real-world implications of cyber threats, beyond transaction volume or parameters used.



Accessible Investigations

Investigate incidents and view your analytics and predefined reports on custom dashboards. Easily access all the information needed to mitigate and respond to incidents effectively and trigger existing workflows to deal with alerts to take real action against threats.



Fast Time-to-Security

Monitoring millions of vehicles globally and digesting billions of transactions monthly, the Upstream Platform can easily ingest additional data streams quickly, making for seamless integration with a quick ramp-up for API security.



Agentless and Cloud-Based Solution

The Upstream Platform leverages existing connected vehicle data streams to offer a comprehensive and actionable view of all your assets, so you can effectively discover, prioritize risks and triggers. The platform is installed in your cloud environment, so you maintain full ownership and flexibility, eliminating long-term lock-in challenges.