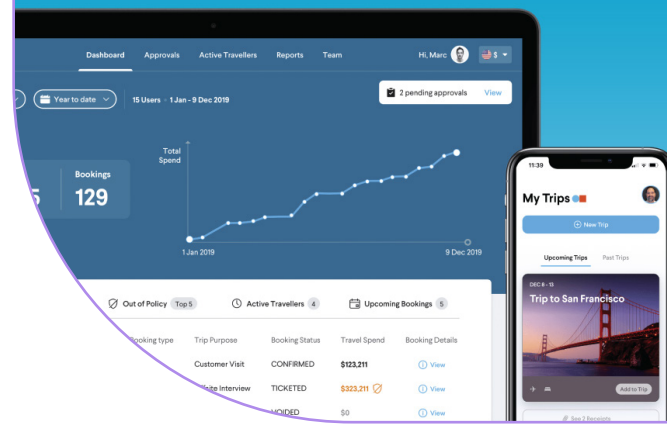




TripActions

CASE STUDY



TripActions is a booking and management platform that offers enterprises real-time data, automated reporting, and insights into business travel. In February 2020, the company expanded its technology into a broader corporate expense application – a prescient move as the COVID-19 pandemic wreaked havoc on corporate travel. The shift broadens the role TripActions plays in servicing its corporate clients and positions the company well ahead of its competition as corporations reevaluate corporate travel in a post-pandemic world.

Founded in 2015, TripActions leverages AI and machine learning in a platform that gives companies of all sizes access to inventory spanning flights, accommodation, and car rentals as well as a 24/7 global network of travel agents. With the company's 2020 expansion into expense management, enterprise customers can use the TripActions dashboard to filter and view travel and expense data by date range, geography, category, and more. In response to the COVID-19 outbreak, the company launched a dashboard to support business travel continuity tools, including metrics highlighting countries with the most active COVID-19 cases per 100,000 people and areas with quarantine restrictions for travelers.

“TripActions serves as an end-to-end tool, encompassing both travel and expense management,” says Tarik Ghbeish, product security engineer, “and that tool is built on APIs. APIs underlie our entire product.” In addition, the company connects to APIs from a broad range of airlines, including United Airlines, Southwest Airlines, and the Lufthansa Group, to import flight schedules and fares. The platform also connects into human resources platforms (Namely, BambooHR), finance platforms (Expensify, Spendesk), travel services platforms (VisaHQ, Stasher), and others – all via APIs. In March of 2021, TripActions introduced its own REST API allowing enterprise customers to import granular and real-time travel data into their business systems of choice. This architecture and third-party data exchange means that API security is paramount for TripActions.

TripActions reached out to Salt Security to augment the API security work the company was already performing. “Salt is the only partner we found that could leverage data from our APIs to identify abnormal behavior and

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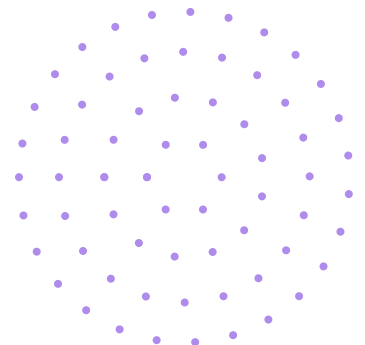
The TripActions SaaS platform helps companies streamline elements of business travel including bookings, rentals, payments, and expense management.

Headquarters
Palo Alto, CA

Founded 2015

Infrastructure
AWS, Cloudflare

www.tripactions.com



proactively alert us to potential attacks,” explains Ghbeish. “We’re moving fast and our APIs are changing all the time, so we count on Salt to understand our users’ baseline activity and adjust the baseline as we evolve.”

Only Salt uses big data and patented artificial intelligence to analyze and correlate the activity of millions of users in parallel to identify and stop attacks early. The platform maintains state across 100s of attributes of typical behavior for each user or entity, including attributes such as consistency of parameter input, frequency of requests, volume of response, and devices or addresses typically used. The Salt platform adjusts the baseline as TripActions changes its API, avoiding false positives while keeping the company protected in a rapidly changing environment.

“Salt has been a good partner, building custom integrations with other systems that we’re using,” continues Ghbeish. “Everything we do is APIs. As we grow, so will our use of Salt. We plan to use the platform’s API discovery capabilities to keep a real-time API inventory and uncover any shadow APIs.”

Top use cases for TripActions include:

- **find shadow APIs:** TripActions can use Salt to uncover APIs that should have been deprecated.
- **detect attacks:** Salt identifies abnormal behavior, stopping attackers during reconnaissance.
- **remediation insights:** Salt provides remediation insights, derived across build and runtime, to help the TripActions security and development teams harden their APIs.

“

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– Tarik Ghbeish, product security engineer



Salt Security protects the APIs that form the core of every modern application. Its patented API Protection Platform is the only API security solution that combines the power of cloud-scale big data and time-tested ML/AI to detect and prevent API attacks. By correlating activities across millions of APIs and users over time, Salt delivers deep context with real-time analysis and continuous insights for API discovery, attack prevention, and shift-left practices. Deployed in minutes and seamlessly integrated within existing systems, the Salt platform gives customers immediate value and protection, so they can innovate with confidence and accelerate their digital transformation initiatives.

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Request a
demo today!

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