ENABLING SMARTER ENTERPRISE

Fastlane Solutions offers a seamless suite of advisory, consulting and delivery management solutions to improve productivity and efficiency in complex technological initiatives. We achieve this through a pragmatic approach which aligns and integrates solution-agnostic 'Technology', 'Agile' and 'P3M' (Project, Programme, Portfolio Management).

Fastlane designed Continuous Implementation and Continuous Deployment for Cyber-Security products at Haventec

Summary

Fastlane provided solution advisory, design, implementation and CI/CD automation services to Haventec to achieve a business-grade enterprise-enabled platform for Haventec's cyber security products Authenticate and Sanctum.

Haventec's Challenge

Haventec has been a cloud-connected business since it was launched in November 2014 by a software inventor in Byron Bay (northern NSW, Australia) and a Sydney-based technology entrepreneur.

When CEO Robert Morrish joined in 2015 the business was gearing up to produce its first patented products. Morrish wanted a business-grade technology infrastructure that was secure, offered optimal uptime and round the clock tech support. Having come from the giant Macquarie Group of financial businesses to a startup seeking investors he was also keen to have access to best-in-class technologies at a good price.

"Haventec's demand for computing power, storage and applications fluctuates for each production cycle so we needed something that would deliver maximum benefits during peak demands, without the wasted maintenance and management costs associated with machines sitting idle," he reports. "We've always been nimble. Nothing can slow us down." Naveen Neti, Chief Engineer, agreed with Morrish.

"The engineers need infrastructure that is reliable, secure, robust and can be quickly configured – everything should just work," he says.

The Fastlane Solution

Haventec's partnership with Fastlane gave it access to experienced technicians and advisors who support the cyber security company's engineers in their day-to-day work. Haventec is building a reputation for its innovative and user-friendly inventions, including a suite of decentralised authentication, transaction and network security products.

Morrish notes one of the first ways Fastlane helped Haventec's engineers was to free them up from systems management so they can focus on product development and user experience.

"Getting Fastlane on as a partner for IT support and provisioning has helped us gain momentum," he says. "Fastlane gives us valuable advice on choosing cost-effective technologies and services, as well as ongoing support as we scale up."

"Fastlane started by providing expertise in choosing and configuring AWS services to meet our growing needs," adds Neti. "Initially that meant setting up all our systems, establishing security rules and virtual networking best practices. Ongoing, Fastlane helps us onboard new products into our production pipeline, advises us on software architecture decisions (best practice and scalability), then helps implement them.

As cost control is so important for a young RnD startup, CEO Robert Morrish is particularly pleased with Fastlane's advice and management for scalable solutions:

"Fastlane helps Haventec choose and configure the services it needs to perform at each stage, ensuring we can scale up and down according to our needs on any given day."

John Kelaita, product owner of Haventec Sanctum, explains that Fastlane's contribution to his team includes a combination of technology and budget-management advice.

"We planned an internal AWS platform management and monitoring tool to report effectively on billing and usage," he says. "We also have support for resilience and performance testing in AWS across different configurations to run our services for the lowest cost."

Automated load testing of each product, which simulates real users' behaviour such as peak use and system overload, is vital says Kelaita because "we must prove resilience to gain our customers' trust in our products."

Automated monitoring and continuous compliance capabilities, developed by Fastlane, further enabled Haventec for enterprise-grade compliance and implementations.

Fastlane's technologists work alongside each product team analysing source code to suggest changes that will improve performance and allow for higher numbers of transactions per second.

Morrish says the comprehensive reports on performances of various AWS configurations help Haventec decide which server setup will produce the best results at the lowest running costs.

About Haventec

Haventec is an Australian cyber security software company with a patented disruptive technology platform that delivers innovative solutions for user identity, device identity and sensitive information management. Haventec eliminates organizations' exposure to liability, reduces their risk and enables them to deliver highly secure frictionless user experiences to their customers. Haventec's innovative cyber security technology platform reduces risks for organizations that handle sensitive data such as user ID and authentication, financial transactions and network access management.

Links: https://www.haventec.com | https://fastlane-it.com/case-study-haventec/

Contact:

Den Burykin	**Stephen Gray**	**Egor Cole**
Fastlane – Sydney	Fastlane – Sydney	Fastlane – Sydney
Level 7, 701, 88 Foveaux St.,	Level 7, 701, 88 Foveaux St.,	Level 7, 701, 88 Foveaux St.,
Surry Hills, NSW, 2010	Surry Hills, NSW, 2010	Surry Hills, NSW, 2010
Tel: 1800-FASTLANE	Tel: 1800-FASTLANE	Tel: 1800-FASTLANE
Mob: +61 412 680 214	Mob: +61 406 323 162	Mob: +61 468 845 909