Payhuddle assists a leading payment network by developing a web-based L2 test platform



Our client, a top payment network, spent a lot each year sponsoring level 2 test tools for multiple vendors. However, these tools were outdated, desktop-based, and didn't track testing progress well.

They needed a more efficient and cost-effective solution, so they asked us to create a web-based test platform for kernel testing. This would save money and make it easier to monitor progress.

What did we do?

We introduced Mantle, our web-based L2 test platform, to simplify testing processes. Hosted on a single server, Mantle streamlines testing progress for terminal manufacturers and L2 kernel developers. This platform enables efficient testing and certification of payment-network-specific L2 kernels, ultimately reducing development time and costs.

Key features of the Mantle L2 kernel test platform include:

- Multi-use and parallel testing capabilities
- Testing of kernels against proprietary contactless kernel requirements
- Centralized monitoring of testing progress by network
- Cloud-based updates for test case libraries
- Robust access control mechanisms

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What challenges did we address during this project?

1. With our unified web-based platform, we slashed the need to juggle multiple desktop applications, freeing up valuable resources for more strategic initiatives.
2. We revolutionized the cumbersome process of tracking testing progress for each acquirer and L2 kernel developer, providing unparalleled visibility and control.
3. We improved testing throughput by harnessing multi-user and parallel testing capabilities and slashed overall testing time, delivering results at speed.
4. Our implementation of over-the-cloud updates for test case libraries enhanced efficiency, ensuring seamless monitoring and updating of test cases with unprecedented ease.

Benefits for the customer

The payment network could replace their desktop-based L2 kernel testing application with the web-based L2 kernel testing application and go live within 12 weeks.

It reduced their administrative overhead by 80% and tool sponsoring cost by 100%.

About Payhuddle

Payhuddle is a payments solutions organization that offers qualified test tools, simulators, live test analyzers, certification consulting, certification services, certification-ready kernels, test tool development, and product development for the entire payment ecosystem. Payhuddle is one of the most sought-after payment solutions organizations in the market. Most Payhuddle solutions are deployed on the cloud. Besides, Payhuddle offers Outsourced Product Development services and Resource Augmentation services in the payments domain.

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