

SDP solution for a retail customer

Business Objective

- Enable application owners to protect infrastructure on premise or in a public or private cloud, a DMZ, a server in a data center, or even inside an application server. Software based access control to Applications/Infrastructure. Effectively hide applications from hackers. Single Pane Of Glass for All Perimeter Security. Single Solution For Cross Cloud, Cross Data Center, Cross Enterprise Security. Benefit From Cloud Cost Efficiencies.

Tools, Technologies & Platforms

- Google Cloud Platform
- NodeJS (Asynchronous Single Threaded Model)
- Cassandra (Database)
- Redis (Caching Solution)

HCL'S Solution

- HCL proposed a Software Based Access Gateway based on the Software Defined Perimeter. Built a gateway that will combine and integrate device authentication, identity-based access and dynamically provisioned connectivity to hide critical applications from hackers. Gives business users the flexibility to configure access validations at a domain/URL level.
- Ensured active participation of the stake holders in the process to ensure that ensuring both Business and IT realize the benefits distinctly. Worked through multiple challenges and constraints in the form on Platforms/Tools/Technologies. Was able to propose multiple alternate solutions to the customer when a certain route seemed no longer viable.
- Followed an iterative approach through UI story boards and prototypes.

