

CYDEF INNOVATION HIGHLIGHT



COMPANY OVERVIEW

Cyber Defence QCD Corporation (CYDEF) is a Canadian Controlled Private Corporation incorporated in 2017. CYDEF provides small and medium sized businesses with high-quality and affordable cybersecurity monitoring tools. These tools are easy to manage and don't require cybersecurity expertise.

LOCATION: OTTAWA, ON

TECHNOLOGY



Security

CYBERSECURITY ISN'T A LUXURY – IT'S A NECESSITY

Unfortunately, many small and medium sized businesses see cybersecurity as a luxury. No matter what size of business, almost all organizations use the internet on a daily basis and require protection from virtual threats. However, because of the high-cost of cybersecurity and highly technical skillset required, the majority of small and medium sized businesses don't see cybersecurity as an option - leaving them vulnerable to attacks. CYDEF makes cybersecurity accessible, affordable, and easy to understand for growing companies.

EASY AND COST-EFFECTIVE CYBERSECURITY

Responding to the market's needs, CYDEF offers a variety of intuitive, low-cost solutions that require no cybersecurity expertise. CYDEF's flagship offering, SMART-Monitor, combines a managed service and expert analysis with a proprietary platform that detects and responds to threats. Offering the protection of a Security Operations Centre at a fraction of the cost, SMART-Monitor delivers an enterprise level cybersecurity solution perfect for small and medium sized businesses that outsource their IT. As of now, CYDEF built their patent-pending solution SMART-Sentinel, to detect and manage security threats even faster and easier than before.

SCALING TO 100,000 DEVICES


With a goal of growing to 50 customers, CYDEF successfully scaled their platform up to 100k devices and got valuable findings from the testing. Various architecture bottlenecks were identified and worked upon during the testing period. Their database was also optimized and configured for a large number of asset ingestion. Leaving CENGN, CYDEF is satisfied with the scale testing of their platform and is confident to market the product findings and provide reliable levels of service to their customers.

"By partnering with CENGN, we proved that our cybersecurity architecture scales successfully beyond 100,000 devices. With this knowledge, we've developed a clear path to scale into the millions of devices."

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