

VASKE COMPUTER INC.

CUSTOMER SUCCESS



28 Day Miracle

SUMMARY

The State of Minnesota Department of Human Services faced its own urgent dilemma late in the summer of 2013. The federal government had just announced a host of new audit directives for the state's Affordable Care Act (ACA) health insurance exchange website known as MNSure. The requirements put the state Department of Human Services in a bind. Less than 10 weeks away from launching a revolutionary healthcare website, state officials now had to scramble and pull together an auditing system from scratch or face the political embarrassment of failing to meet federal requirements. Minnesota was one of only 14 states moving to create its own statewide exchange, separate from the federal government site, where residents could analyze, compare, and sign up for health care plans. The state sites were facing just as many glitches and delays as the federal site, drawing highly critical news media coverage and the watchful eye of groups opposed to the newly adopted healthcare law.

Even worse, the company hired to build the MNSure system was scrambling to plug a host of technical glitches in the website's operating system and didn't have the personnel available to design and install the newly required auditing checks. Under normal circumstances, architecting, equipping, and testing an audit process as complex as the one required for MNSure would take years and significant amounts of funding. Minnesota had 10 weeks and a tightening budget. Under the gun and with zero options, state database experts reached out to the one company they knew would find solutions: Vaske Computer Inc.

TECHNICAL

The Oracle Big Data Appliance (BDA) is a hardware and software solution designed to provide a scalable and high-performance platform for processing and analyzing large datasets. Some of the technical benefits of the Oracle BDA include:

Scalability: The Oracle BDA is designed to be highly scalable, enabling organizations to add additional nodes to the system to handle larger datasets and better performance as their needs grow.

High Performance: The BDA is optimized for processing large volumes of data, with built-in features like InfiniBand networking, flash storage, and distributed computing that enable fast and efficient data processing.

Integrated Software: The BDA comes pre-installed with a suite of software designed specifically for big data processing, minimizing the time to value without having to install and configure multiple software components themselves.

Easy Management: The BDA is designed to be easy to manage, with tools like Oracle Enterprise Manager that enable administrators to monitor the system, troubleshoot issues, and manage resources more efficiently.

SOLUTION

Secure: The BDA is designed with security in mind, with features like Oracle Advanced Security, Oracle Audit Vault, and Database Firewall that help protect data and prevent unauthorized access.

Overall, the Oracle BDA provides a complete, integrated, and highly scalable solution for processing and analyzing big data, making it easier for organizations to derive insights from their data and make informed business decisions.

Vaske successfully designed, shipped, and implemented three Hadoop multi-node clusters using the Oracle Big Data Appliance used by a third-party audit application and completed testing in just four weeks. “We were in an urgent mode to get it done, and they came up with some great, highly creative solutions that we could implement immediately,” recalls State’s systems engineer. “We call it the 28-Day Miracle.” A database manager for the state agency credits the highly successful implementation of a large database system to Vaske. “They laid out for us what the needs were, not only for the big data appliances but what we needed at the immediate moment. They brokered everything...they were instrumental in providing a solution during an urgent situation. They literally saved the day.”

We credit this to our depth of knowledge and cutting-edge solutions gained from years of consulting with a wide array of clients. In working toward solutions with the public sector, education, and commercial accounts we have an enhanced advantage in cross pollinating knowledge and experiences. For example, working on the data side of the Patient Protection and ACA helped us garner valuable experience with the Hadoop paradigm shift that was about to hit the industry. With 30 years of insider perspective, Vaske Computer Inc. is a leading expert in designing, architecting, and implementing information technology systems for diverse clients throughout the nation.