

Minnesota National Bank sees dramatic improvement in employee user experience after deploying secure remote access with new Enterprise Browser technology

THE PROBLEM

Minnesota National Bank, which specializes in Business, Agricultural and Real Estate financing, was having trouble with remote access for employees based in rural areas of the state that often had limited bandwidth when working from home. These remote users were struggling with lag in application response and frequent connection drops. Zoom calls and voice over IP connections were often choppy, leaving employees with a frustrating experience that did not stack up to what they were used to when working in the office. The remote employees also rely on file sharing, which was particularly troublesome when the low bandwidth connections were coupled with a bottleneck from their Virtual Private Network (VPN) solution.

As a financial institution, Minnesota National Bank is subject to a number of different industry compliance mandates for security, and as a result, their network architecture had remote employees connect to a local machine inside the headquarters via the Remote Desktop Protocol, over a VPN. This connection was also causing issues with employees having difficulty just getting their work done on the slow connection.

KEY OUTCOMES

- Employees saw a 500% increase in application performance when working remotely
- Connecting to internal bank applications, websites and SaaS services is as simple as opening a browser
- Based on the open-source chromium code base, the Mammoth Browser operates in a manner that is essentially identical to popular consumer browsers, making for a seamless user experience



THE SOLUTION

The Minnesota National Bank employees have given rave reviews about how much less friction they now have when connecting from home over the Mammoth Enterprise Browser. Connecting to internal bank applications, websites and SaaS services is now as simple as opening a browser. Based on the open-source chromium code base, the Mammoth Browser operates in a manner that is essentially identical to popular consumer browsers Chrome and Edge, making for a seamless user experience. Remote employees no longer need to sign in through a separate VPN client, they simply open the browser and go.

Reports of poor application performance, choppy zoom calls and slow file sharing have disappeared. Internal security team testing showed that with Mammoth Cyber, application performance improved by 500% for remote employees. Implementing the solution was a very straightforward process, with the deployment taking less than a week to get up and running at the Bank.

In the future, the Bank plans to add support for remote access through mobile devices and smart phones, eliminating the need for a complex mobile VPN requiring codes and passwords in favor of the simplicity of the Mammoth Enterprise Browser.

HIGHLIGHTS

With Mammoth Cyber, employees saw a 500% increase in application performance when working remotely. Employees are now enjoying a seamless connection process that is as easy as opening the browser and automatically connecting to the Bank.

“The best thing about the Mammoth Cyber remote access solution is that it is so seamless for our remote employees. They just open the browser and go. On the security side, we really like the fact that this helps move our zero-trust initiative forward.”

Operating in a regulated industry, we have a number of complexities in our IT environment, and I can't say enough about how proactive their customer success team has been to make sure everything is working right for us.”

*– Todd Mostyn
Vice President,
IT Security Officer*

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