leostream®

Remote Desktop Access Platform

Case Study

Siemens Energy's Successful Implementation of Leostream® Remote Desktop Access Platform on Microsoft Azure

Customer Profile

SIEMENS

Siemens Energy, a global leader in energy technology, recognized the need to empower its engineers with efficient and hassle-free remote desktop access to powerful computing resources. To address this challenge, Siemens Energy embarked on a journey to find a suitable remote desktop access platform to meet their engineers' specific requirements and ensure seamless access to high-performance computing resources.

User Requirements and Roles

Siemens Energy's engineers primarily consist of Research and Development (R&D) professionals who engage in simulations, modeling, and 3D applications. These engineers require access to powerful, flexible computing machines to support their complex tasks.

Challenges with Current Solutions

Siemens Energy had previously utilized EnginFrame as their remote desktop access solution, but they encountered limitations, especially regarding provisioning capabilities. Despite the availability of an Amazon offering, the organization had partnered with Microsoft Azure. They found that EnginFrame was comparatively complex compared to the flexibility offered by the Leostream Remote Desktop Access Platform.

The decision to Choose Microsoft Azure and Leostream

After thoroughly evaluating various cloud providers, Siemens Energy adopted Microsoft Azure. The compatibility of Leostream with Azure played a pivotal role in this choice. The IT team expressed satisfaction with the solution and noted its seamless integration with Microsoft Azure, ultimately leading to a more efficient and hassle-free user experience.

Implementation Across Multiple Geographic Locations

Siemens Energy successfully implemented the Leostream Remote Desktop Access Platform across multiple global locations, including the United States, Europe, and Asia. Notably, the implementation process encountered minimal challenges or required extensive adaptations for each location. The organization utilized load balancing, internal SQL services, and Azure's cloud capabilities to ensure a seamless experience for users across geographies.

IT Team's Perspective

The IT team at Siemens Energy is delighted with the Leostream solution, emphasizing the importance of a product that delivers as promised. The reduced need for extensive technical support allowed the IT team to redirect their efforts toward other critical tasks, enhancing overall operational efficiency.

Future Goals and Projects

Siemens Energy has set forth an ambitious vision for the future, aiming to establish a comprehensive and user-friendly solution that serves as a one-stop shop for engineers. Their primary objective is to provide engineers with effortless access to computing resources and seamless workflow execution, eliminating complications. Central to this vision is the provisioning of high-performance computing power capable of supporting resource-intensive tasks, including pre-processing, data crunching, and post-processing.

To realize these goals, Siemens Energy has devised a strategic plan comprising several key initiatives. Firstly, they are unwavering in their commitment to enhancing security and refining user access control by continuously working on implementing authentication solutions. This proactive approach bolsters security measures, ensuring user access remains secure and well-managed.

In parallel, Siemens Energy is diligently reviewing and fine-tuning its Leostream Remote Desktop Access Platform deployment plan. The focus is squarely on achieving optimal performance and scalability, ensuring the platform can seamlessly adapt and grow with the company's evolving needs.

Furthermore, Siemens Energy is dedicated to fully exploring the untapped potential of their chosen solution. They understand that resolving any lingering issues is pivotal to maximizing the platform's capabilities. This commitment to uncovering the platform's full potential is a testament to their drive for operational excellence.

Additionally, Siemens Energy is implementing a robust monitoring system to gauge user satisfaction continually. Quantitative efficiency and cost savings data will be systematically collected, enabling data-driven improvements to their remote desktop access system. This ongoing assessment ensures that the platform aligns with the company's evolving requirements.

Lastly, Siemens Energy places excellent emphasis on streamlining its engineering processes. They aim to create a user experience that is trouble-free and efficient. This dedication aligns seamlessly with their commitment to technological excellence, ensuring that their remote desktop access platform remains user-friendly and operationally efficient as they evolve and innovate.

Conclusion

In conclusion, Siemens Energy's successful adoption of the Leostream Remote Desktop Access Platform on Microsoft Azure has demonstrated the organization's commitment to providing engineers with efficient, reliable, and high-performance remote desktop access. By addressing their specific user requirements and challenges, Siemens Energy has improved operational efficiency and set the stage for future technological advancements in the energy sector.