

Bridge Informatics Delivers Comprehensive Cloud Transformation



SITUATION

- Client rapidly scaling research and development (R&D) efforts, generating massive amounts of sensitive data stored in an on-premises infrastructure
- Client's system struggled to keep pace with scalability and growing data demands, leading to:
 - **Performance bottlenecks:** infrastructure couldn't handle the constant data influx, causing delays and hindering R&D progress
 - **Inefficient resource allocation:** manual maintenance was time-consuming and resource-intensive

STRATEGY & PROCESS

- Bridge Informatics (BI) conducted comprehensive scoping sessions with Client's various R&D and Information Technology (IT) teams
- Following these interviews, BI developed a plan to supplement Client's entire IT infrastructure with a secure and scalable cloud environment which included:
 - **Scalable architecture:** designed a cloud architecture that could seamlessly scale up or down based on evolving R&D needs
 - **Secure and compliant environment:** implemented strict access controls, firewalls, and encryption measures to safeguard sensitive R&D data and ensure compliance with industry regulations
 - **User access control and monitoring:** implemented granular user access controls and instituted continuous monitoring for suspicious activity, bolstering overall security posture
 - **Automated backups and disaster recovery:** enabled regular automated data backups to ensure data availability in case of unforeseen events, plus a robust disaster recovery plan for quick and efficient system restoration
- Following the initial build, BI would dedicate 20 hours a month to managing, maintaining, and optimizing Client's data:
 - **Pre-emptive maintenance and performance optimization:** proactively monitored system health, identified potential issues, and performed preventative maintenance to prevent downtime and optimize performance
 - **Cost optimization:** resource monitoring and allocation expertise helped eliminate unnecessary expenses and optimize cloud spending
 - **Incident response and problem resolution:** established a dedicated team to handle any incidents and quickly resolve any issues that arose
 - **Compliance assessments and updates:** conducted regular compliance assessments and implemented necessary security updates to address evolving threats and industry standards

RESULTS

- Within one month of engaging with BI, Client's on-premises infrastructure had successfully and safely integrated to the cloud
- The switch to the cloud provided a scalable and high-performing infrastructure, eliminating bottlenecks and facilitating faster R&D processes
- BI's ongoing resource optimization expertise helped Client save on unnecessary cloud expenses