

Element Biosciences leverages AWS Storage Gateway Hardware Appliances for hybrid cloud storage

Challenge

Element Biosciences generates large amounts of data from on-premises scientific lab equipment. This data needs to be accessed locally and stored in the cloud for additional processing.

Solution

Element Biosciences leverages AWS Storage Gateway Hardware Appliances in a hybrid cloud storage architecture where on-premises scientific lab equipment store data, which is then accessed locally and in the cloud for real-time processing using a cloud-based processing engine that leverages several AWS services.

Benefits

AWS Storage Gateway Hardware Appliances allow Element Biosciences to efficiently and securely store data that is generated on premises. Element Biosciences is then able to access the data locally and in the cloud, while maximizing infrastructure utilization and eliminating the need to provision additional on-premises compute and storage capacity.



Company: Element Biosciences
Industry: Genomics
Country: United States
Website: www.elementbiosciences.com



With AWS Storage Gateway, Element Biosciences is able to store vast amounts of research data that is generated on premises, and then process that data in AWS using our cloud-based processing engine. This enables us to maximize our infrastructure utilization and further advance our genomics research in a more agile manner.

Lance Smith, Director of Information Technology – Element Biosciences



About Element Biosciences

Element Biosciences is creating a brand-new DNA sequencing platform to meet diverse and ever-changing needs in this dynamic market. Element's mission is to empower customers with disruptive DNA sequencing technology in an open and collaborative manner to advance genomics research as a community.

