IT hardwareplus

CLIENT CASE STUDY

CUSTOMER DESCRIPTION

Large financial services company.

DISCOVERY – Customer need
- Customer already had a VDI implementation for a small group of employees when COVID hit. Remote users increased with over 600 call center people now working from home. The previous solution was too small to support that many employees running remote.

SOLUTION OPTIONS
- Option 1 – AWS
- Option 2 – HPE SimpliVity HCI.

IT HARDWARE PLUS

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Solutions include a full range of infrastructure solutions custom configured to deliver optimum performance while enhancing the life cycle performance of your IT assets.

IT HARDWARE PLUS SOLUTION SELECTED

Customer had tried to go with AWS but the response times per employee went from 5:23 minutes per transaction/employee to 8:46 minutes per Transaction/employee (almost 62% longer per transaction), as some of the information was on their local servers.

Customer selected our HPE SimpliVity which easily scaled to the task.

SOLUTION SELECTION / BENEFITS

- With more SimpliVity nodes and some compute nodes they were able to spin up two sites for redundancy.
- Each site was capable of handling all the workloads.
- They gave their users a choice of which site they want to use anytime they logged in.
- Customer was able to grow the business during a time of crisis.

IMPLEMENTATION

In order to build the current SimpliVity Nodes up, the Intel Xeon Silver 4110 2.1GHz 8 core processors needed to be upgraded to Intel Xeon Gold 6254 3.1GHz 18 core CPUs. The memory also needed to be upgraded another 384GB to 768GB.

We also added 5 additional SimpliVity Nodes and 4 Compute Nodes with the same configurations. This was done at both sites for redundancy, so if one went down the other could support the 600 plus users.

SUMMARY – Customer benefits
- All items were delivered at budget, on time, with OEM support.
- At one point, the systems supported over 1000 users in this VDI instance. It had been designed with 4 to 1 provisioning but could handle 5 to 1.