LA'QUEST

About the Client

One of our clients in Israel handles different brands of multiple websites creating digital exposure of the business and market trends of Israel's Real Estate and Infrastructure. All of the 5 domains they manage are subscribed to their own G Suite Basic plans.

La'Quest's expertise in the technical and marketing services is the perfect cost-effective combo to address your business support needs.

Issue at hand

The company required to migrate data from one domain to another with different users assigned to each migrated data type. These data are the contacts, emails, files in Google drive and calendars. With their current G Suite Basic plan, our client wanted a record of the files of their Google drive listed in a spreadsheet with the file path for each filename, to whom the file is being shared to and he also wanted to remove the public settings of all the files that are set for public viewing.

Technical Challenges

The most challenging part was that the files are in the Hebrew texts where its writing direction starts from right to left and would change the direction of the file path when an English alphabet or a number is added in the Hebrew text. Google Translate can not fully change the settings nor change the filename that was already in Hebrew. The client also requires listing of all filenames with the location folder and file path in Google drive on a spreadsheet. The G Suite Basic does not have an option to create such report. It limits us to simply migrating data by downloading the files in Google drive with a MBOX file and then upload it to the other domain's assigned user. It does not create any records or report to know what files were being downloaded nor create a CSV file for it. Unlike the G Suite Business plan, it has the Google vault from where you can download the files from the Google drive in a compressed file containing all of the files you can find by your search. The G Suite for Business also includes the drive audit logs where it keeps all the records and traces of every action done in the file by all of the users such as editing, deleting, printing, opening, etc.

Another major hurdle in this migration project was the 2 step verification that was enabled in one of the source users'. Despite disabling 2-step verification in the admin console and on the user's side, the DMS and other IMAP clients cannot complete the email migration due to this layer of security.

Unraveling the solution

The data migration for the emails was easily done through the Data Migration Service (DMS) tool in the admin console. All required security permission has been configured to allow access to the DMS tool in migrating emails seamlessly even without having to keep their computer on or even if we navigate away from the page. The 2-step verification was very challenging because despite having it disabled on both the user's side and the admin's dashboard it still does not to allow access. It was later discovered that an app is running through the API settings in this user, thus a few scripting to call on the API's security permission does the trick.

Migrating the contacts and calendar was done through the built-in import and export options in the user's accounts while the client's requirement to migrate the Google drive files was also easily done via takeout. The gruelling task in this project was the creation of the list of each file name, their file path and to where it was shared into. Although GoogleDrive API's is available, the action can not fulfil the client's full requirements so a manual data extraction was done to this part. It was not an easy task due to the reverse writing path in Hebrew. Our technical specialist has to manually dig into each folder and carefully compare each Hebrew scripts to ensure that he does not miss any file or folder. She was able to list all folders name, file names and file paths with a complete report in a CSV file format to easily trace and search location of each file that totals to 2333 all done in 3 days.

Ingenuity is our EDGE

The edge of La'Quest is displayed in this particular project for it has covered all the possible quickest and precise actions in fulfilling the data migration requirement of our client within the G Suite platform. Our team members are cross-trained to familiarize the processes and rules to cover all concerns in the Google and G Suite platforms. Data migration is just one of them. An added skills in data mining and familiarity of the interface and usage of simulators are one of the most efficient methods we use in completing our tasks. We ensure quality and satisfaction of our works by allowing our clients to peek into our progress or provide them updates on the works done. We keep them in a daily loop and we seek further requirements to ensure that we are meeting what they expect from us. We provide a realistic timeline for completing every project and we require getting a confirmation from our clients from every report to ensure we are on the same page and on the right track.

A smooth sailing, worry-free business system with ease, accessibility and visibility through Google Cloud's G Suite while our La'Quest Hybrid Technical Team on standby for your business support needs.