



## ACTIVITIES

APRIL 2019

In April Cade worked extensively with Caselle, Sensus and Customer Service to get the new VFlex file working for billing. The new VFlex file needed to be configured correctly to request the correct information from Sensus meters to populate the correlating fields in Caselle. Cade was able to find a template that supposedly worked with Sensus and from that grabbed a few key fields that we needed for our report. Cade worked on trouble shooting why the reads weren't coming in correctly once he figured out one area that needed fixing he would notify either Sensus or Caselle to report his findings and what he needed from them to fix each issue. Cade asked Katherine from Sensus to move a field to the end so that the modifications would work. Cade was able to figure out the process and tell each entity what was needed. Cade was also able to clean up some of the billing by removing dummy account that were created in the past to handle the solar calculations in DataNow. He figured out how to incorporate the channel reads from the solar customers, do the calculations and display correct information on the real customer accounts and display along with the other utilities. The same process was created to handle the net metering billing and remove the dummy accounts. Taylor from Caselle verified Cades work and responded with, "Cade you are the Man!!" This process took a substantial amount of time to complete having to wait for a response from Caselle or Sensus on change requests and general questions for clarification. Caselle's billing would not have moved forward without our involvement.

Last month we reported on the install of a new camera behind the stoplight on 5<sup>th</sup> and Main street. When the install was completed the camera would work sporadically. We found power fluctuations due to the power adapter not sufficient for the distance we were running the cable through power over ethernet. In order to compensate for the distance we had to reconfigure the cable run and install a high power rugged switch. The new configuration proved to be a successful prof of concept which will enable us to use the same platform for the other cameras we plan to install down main street.

At the Library we replaced some of the network equipment over the pas few months. When we replaced the equipment it caused the reporting tool they use to record WiFi usage to stop working. We setup a new network analytic reporting tool for the Library Patron Network so they can continue to gather the statistical information they need. This process will automatically email a report at the first of each month. We also replaced the 4 Citizen Service computers and 1 computer in Business services. When building maintenance tore down the old bathrooms they had to remove the switches that the cameras were plugged into. After the new bathroom building was built we had to terminate all the camera lines at Glenn Meadows park. Matt installed pivot animator and updated all Library Lab PCs.

We have configured our second Nimble Storage Array which is part of our main back up storage. This device is replicating data from our main storage box that our servers currently run on and gives us a copy of our servers in case of server failure on the main unit. This device is currently at City Hall but will be relocated to the MYOC to provide us with "offsite" backup.