Server

* Will the client provide a server, or is it included in the budget?
  + We have to check if Homestead or ISD can give us a server otherwise we need to keep it in our budget and find one.
* Will the server be located at Homestead or on campus (on campus has policies)?
  + We need to check with LSSU IT and see if it’s viable (and policies involved).
  + More than likely the server will be at Homestead or ISD.

Camera Placement

* Where will these cameras be mounted (ISDS said no roof)?
  + We need to make Evaluation Criteria document (one page) which specifies what we need from unit location (what’s ideal, what won’t work. e.g. near power source and as minimal light pollution as possible).
  + For each site, we need to conduct a site survey with appropriate personnel at school to determine the best possible places.

Camera/Lens Specs

* Client opinion on focal length options:
  + 50mm (narrow field of view, ~10 degrees, ~5 arcsec/pixel)
  + 5mm-10mm (wider field of view, ~50 degrees, ~60 arcsec/pixel)
* We’ll need to test different lenses.

Power

* Will we have qualified personnel to safely run outside power cabling?
  + We’ll have to talk with faculty and maybe ISD.
  + This should also be taken into consideration during the site survey.

Operational

* Cloud coverage, weather conditions, and twilight hours will determine when to run.
  + This is a good option.
* How do you feel about pointing cameras towards the area of sky with most satellite passes.
  + This is a good option.
* It looks like an IR/UV filter would be beneficial.

Development Activities (while cloud coverage is too high)

* Focus on system components:
  + Inter-unit communication
  + Networking plan
  + Data storage and saving
  + Data backup
  + Data format and classification
* Development of automation scripts.

Requested by Dr. Cesul

* Schedule meeting with Homestead IT and Kevin St. Onge
* Make one page document for on-site survey: Unit placement
  + Key criteria, evaluation, pros/cons
* Send email to team, Dr. Cesul, Dr. Smith, and … that covers 01/24 meeting notes

Dr. Cesul said these were the three things he wanted done by next week

1. IT Server: Homestead IT and ISD IT – Discuss pros/cons
2. Meet with manufacturing students
3. Make one page evaluation criteria document: What we need on-site