

3rd Week Progress Report

Progress

- Working on error handling for doing an entire serial sweep. Errors encountered:
 - **No CurrentReading available with this serial number**, Handled as a unassigned serial number. Solution is to pass over that serial number and log the incident.
 - **Index out of range**, Handled as this happens when Walchem has an assigned serial number but Hytec doesn't. Solution is to add the serial number to SQL which is done via Hytec rep on MyHytec.com. In the app though, we pass over the serial and log the incident.
 - **This device 2007140494 failed with following error 1366 (HY000): Incorrect string value: '\xCE\xBB p-c...' for column 'custom_name' at row 1**, Handled by removing the encoding for the special character.
- added logger codes for easier reporting.
- Have handled readings with no sub channels by hardcoding their values with LOW as per previous programming. Maybe something to look into further.
- Completed first full scan!

Non-Blocking Issues

No New

(Previous)

- Need to add Alarm system to project. Didn't quote for that originally.
- 3 fields in the data mapping previously done are mapped incorrectly. Currently leaving them as is because I fear that if I change them it would have negative impact on existing data or systems.
- Linux server's operating system (Centos 7.9) is going to be End of Life'd June 2024. This system will need to be upgraded at some point preferably before it is End of Life and no longer receiving security updates.

Blocking Issues

- (new) 07-03-2023 API server keeps crashing while trying to do device lookups for Hytec devices. Communication responses with Fluent / Walchem has been very limited and I have no way of troubleshooting the issue as it is on their server. 07-06-2023: David Burke from Promag has reached out and seems to be trying to take charge of the situation and setup a meeting between all parties. I have offered my "Best" times but also said I will make other times work as well. 07-07-2023 David and Walchem have resolved this issue on their end, claiming a threading cleanup issue was causing the problem.

Next Weeks Plans

- analyze the scan logs
- get scanner running more often or continually
- would like to start addressing Alarm system