GPA Development Tasks

Critical

1) Support Scanning on NFS – 32 Hours
2) Alarm Engine to wait n seconds to lowering alarm and “ignore” bad values or zeros. – 48 hours
3) Enable or disable reasonability check when data gap recovery is enabled. – 32 hours
4) Move BulkTagTemplate cshtml to openPDC from openHistorian and change the time to wait create the calcs. – DONE (onsite)

Medium

1) RabbitMQ Adapter to send and receive data from RabbitMQ databus (bi-directional, i.e., read/write, adapter). – 80 hours
2) Update StreamSplitter and STTP connections to come back to “primary” address after primary address is restored for a configurable time. – 40 hours
3) Add web API (callable from Grafana) to register an “event” (simply log to EventMarker table), then write D2 file (all points +/-15 minutes) into first attached paths directory. – 56 hours
4) Update OH Grafana data source to work with Grafana alarming features. – 240 hours

Low

1) Improve STTP replay to be properly time-aligned and provide a simple web API to initiate replay from Grafana. – 84 hours
2) Improve data recovery to look for data gaps as well as outages. – 150 hours
3) Verify openHistorian Download Data Grafana plugin works with current Grafana. – Done, Cannot be used by ONS due to network restrictions.