Maintaining Signal Performance Metrics

Communications Network
- Controller type changes
- Controller IP changes
- Central System Admin
  - Daily report of system health
  - Review and correct

Detector Configuration
- Detector assignment changes
- Convention
- Field Technicians Engineers
  - Controller database
  - Detector status
  - Database change alarms

SPM Watchdog Emails
- SPM Technician / SPM Admin
- Signal Systems Staff

Central Signal System
- SPM Watchdog Emails
- Central Signal System
Lane by Lane Detection Setup

1. Create some sort of information trail unique to the intersections to document how the detectors were configured.

2. Beneficial for field technicians as well as SPM configuration troubleshooting.
### SS-200 Sites Summary

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### MATRIX Sites Summary

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No SPM Data
PCD shows no data

1. Check **communication** to the signal
2. Check IP address in the SPM Configuration Tool matches the controller IP
3. Check that the controller clock is accurate
4. ASC-3 Controller MM 9-3-1, SpFNC*3
   i. Check that “Voit Trace Enabled” = No
   ii. Check that the Database State = All Saved
5. Verify that the High Resolution Data is getting to the SPM database.
No PCD Detector Data
PCD shows only phase data

1. Check that the correct detector channel is set in the SPM Configuration Tool.
   i. If not, change the channel in the SPM Configuration Tool to match the controller. Recommend that a comment is made to note the date and previous channel.
2. Check that ECPI log is enabled for the detector channel.
3. Check that the counts are being communicated to the controller by monitoring the detector channels
   i. Open the sensor software and check that the detector is working correctly.