Task1

Investigation into Connected Diagnostics logic for fault monitoring (logic formerly in streams and IIB)

Description

As Product management and Software Leadership team

I want the team to investigate the existing logic for Connected diagnostics and document the findings

So that I am able to plan for upcoming changes that are needed for Preventech Onhighway Implementation and take calculated decisions on what Pieces of business logic need to be built for the onhighway implementation.

**Question : What are the connected diagnostics available (first we need to search in existing documentation and make a list of those. If not found we can ask the team for the list of connected diagnostics.**

**If connected diagnostics related stuff is found in the existing documentation then we need to prepare a sample document of the same and compare with our upcoming setup (expected attributes of our connected diagnostics, etc)**

Acceptance Criteria

Investigation of the backend logic in Connected diagnostics as well as CD UI (Internal portal is out of scope):

Documentation for existing logic present as of today with the AWS implementation

Documentation of existing integration (if any) with other CMI applications. Documentation of TSP/OEM/Customer specific logic with the present day AWS integration.

Documentation of changes that will be needed when customizing for Preventech Onhighway.

Documentation of common services that can be created/used for the Preventech Onhighway implementation.

Document is available on Confluence and needs to be reviewed by Chuck, Mai and Afiya

**Summary: the documentation related to existing logic will be found related to Connected diagnostics as well as CD UI. We need to summarize the documentation for existing setup just our internal purpose and we need to modify the same that will be compatible with new set up**

**Question : address of exact documentation related to connected diagnostics is needed here as it will be confusing to go over entire documentation. Please ask someone to summarize about connected diagnostics. (connected diagnostics is not a regular technical term. It is specific to this set up so it’s nothing wrong to ask them about it)**

**Who to ask : below comments clearly say us to connect with Prod Support team to get above details.**

**Note : below 3 important pieces of documentation should be answered by that prod support team.**

comments

Afiya Munshi and Mark Mastroianni and Chuck Brunette and team will gather what already exists from Prod Support. Team who was here at Cummins when we were using Rational can access original documentation from RTC.

Focus on Functional Documentation.

3 important pieces of documentation needed:

Value of the use of the logic from a customer POV

What are the specific/special exceptions we have made for some special TSP's and how do we pull these back into main process flow

Understanding of re-usability would also add value

Afiya Munshi to create future story if necessary post story completion:

Stretch depending upon change in story point estimation:

Documentation of pieces of logic in Preventech Mining that can be leveraged for the Onhighway implementation (Need review with NGCA team)

Configuring and setting up new instance – Pi peline intiation and automated test case execution via pipelin

## Description

Pipeline initiation for the new Preventech Onhighway instance. **– pipeline initiation for the new instance should be replication of some existing one. What is the exact pipeline that we need to replicate**

Assumption: Automated test cases exist within the NGCA pipeline.

## Acceptance Criteria

* Working pipelines created for the new instance.
* Automated test cases execution via the pipeline.

[**NGCA-2584**](https://dacummins.atlassian.net/browse/NGCA-2584)

Automated Test Help Needed

[**SHARED-450**](https://dacummins.atlassian.net/browse/SHARED-450)

Technical Enabler - Pipeline SSM Param's

[**SHARED-451**](https://dacummins.atlassian.net/browse/SHARED-451)

Technical Enabler - Pipeline Statefull Components

[**SHARED-453**](https://dacummins.atlassian.net/browse/SHARED-453)

Technical Enabler - Pipeline for API Components

Comments  
Mark Mastroianni

Assumption - we will grab what test cases are currently available. Team will ask Venkat.