OpenFMB DataModel - OpenFMBIssues #7116

Pre-defined Publishing Schedule to Deal with Quality of Data

01/22/2025 12:53 PM - Owen Wu

Status:	On Hold		**Start date:**	08/19/2020
Priority:	Normal		**Due date:**	
Assignee:			**% Done:**	0%
Category:				
Target version:				
Final Decision:			**Version:**	
Closed Reason:	--Not Set---		**Needs More Information:**	No
Breaking Change:				

Description

Apply to all modules:
[From Jed]:
OpenFMB needs to decide how to deal with quality of data. Embedding the quality or "IEDTrouble" inside the message is not viable, because if there is trouble, the receiving application cannot count on the device properly forming messages anymore. Instead, I propose a pre-defined publishing schedule, and that a number of missed messages indicates failure. This means that devices would be tested to cease publication if they have an internal diagnostic failure, and provides a single thought-through, robust failure-detection mechanism for subscribing applications.

History

#1 - 01/22/2025 03:03 PM - Owen Wu

- Status changed from New to Triage

#2 - 02/05/2025 03:07 PM - Owen Wu

- Status changed from Triage to Accepted

#3 - 02/05/2025 03:08 PM - Owen Wu

- Status changed from Accepted to In Progress

#4 - 02/05/2025 03:08 PM - Owen Wu

- Status changed from In Progress to On Hold