**FF setpoint delivery from IPC to control**

Project TFS path: $/FW SVI FF Releases/Release1

Project Change Set: 34879

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| Containing file | | FD-SW\target\appl\fdev\src\appl\_ptb.c | Review Date | Reviewer |
| Function or data | | Function Appl\_handle\_HART\_cmd | 03/07/2014 | EJ |
|  | | | | |
| TFS wit |  | NO FINDINGS | | |
| Impact | |  | | |
| Resolution | |  | | |
| Function or data | | Definition MAX\_SND\_BUF\_SIZE and array snd\_buf[] | 03/07/2014 | EJ |
|  | | | | |
| TFS wit |  | No buffer size at hart low level to ensure that sending frame is less than MAX\_SND\_BUF\_SIZE | | |
| Impact | | Long hart command may overwrite other neighbor variables | | |
| Resolution | | **Check frame size with MAX\_SND\_BUF\_SIZE at hart low level** | | |

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| Containing file | | FD-SW\target\appl\fdev\src\mnipcff.c | Review Date | Reviewer |
| Function or data | | Function GetStateNumber | 03/07/2014 | EJ |
|  | | | | |
| TFS wit |  | Related to size of array IPC\_Dynamic\_StateMachine[], but loop by Constant definition. | | |
| Impact | | maintenance | | |
| Resolution | | **USE MNCB wrapper.** | | |
| Function or data | | Function mnipc\_WriteVars | 03/07/2014 | EJ |
|  | | | | |
| TFS wit |  | Magic numbers. | | |
| Impact | | maintenance | | |
| Resolution | | **USE MNCB wrapper.** | | |

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| Containing file | | FIRMWARE\interface\hart\hart\_ipc.c | Review Date | Reviewer |
| Function or data | | Function hartcmd\_IPCDynamicParametersExchange | 03/07/2014 | EJ |
|  | | | | |
| TFS wit |  | Check validity but not send back to master, but the frame data is by the valid ID, they many mismatched. | | |
| Impact | | Possibility of function error | | |
| Resolution | | **Send valid ID back to hart master.** | | |
| Function or data | | Function IPC\_WriteSetPoint | 03/07/2014 | EJ |
|  | | | | |
| TFS wit |  | * Magic number 0.0 * The current design return QUALITY\_BAD only ERR\_INVALID\_PARAMETER, The error code could be HI\_LIMIT and others and will return QUALITY\_GOOD, please think about it. | | |
| Impact | | * Coding standard * Scenario coverage. | | |
| Resolution | |  | | |

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| Containing file | | FD-SW\target\appl\fdev\src\mntbmspff.c | Review Date | Reviewer |
| Function or data | | Function mnipc\_SendSpAndMode | 03/07/2014 | EJ |
|  | | | | |
| TFS wit |  | NO FINDINGS | | |
| Impact | |  | | |
| Resolution | |  | | |
|  | | | | |