

XFS4IoT SP-Dev Workgroup

7 Feb 2023

- Recap from previous meeting
- Recap from previous release v1.4.0
- New framework release v1.5.0
- Live demo on upgrading existing project with latest framework release
- Next meeting and 2023 objectives

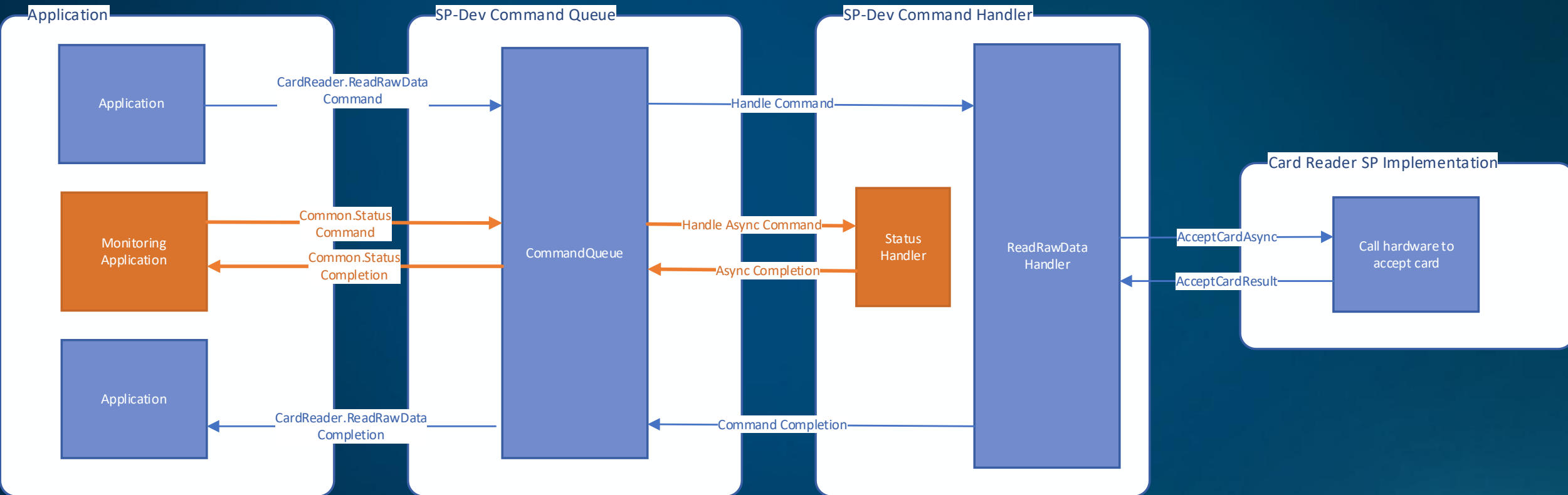
Recap from previous meeting

- Guest speaker: Oberthur Cash Protection
 - IBNS: Intelligent Banknote Neutralization System
 - CEN XFS committee sub-group dedicated to IBNS
 - Ink staining vs Crime
 - Demo video
 - Worldwide coverage and regulation
- SP-Dev framework release v1.4.0

Recap from last release 1.4.0

- Added CommandHandlerAsync to multiple commands
 - Allows the command to be completed while another command is in progress
 - Useful for monitoring applications
- KeyManagement.GetKeyDetail
 - PinPad.GetQueryPCIPTSDeviceId
 - Keyboard.GetLayout
 - Storage.GetStorage

Async handler flow



What's new in version 1.5.0

- Added CommandPostProcessing to ICommandHandler
- SP-Dev framework handlers can run processing after completion is sent, before the next command in the queue is processed
- Useful for VendorMode, and potentially other commands

- Updated StatusChangedEvents enum to long from int
- Correctly report VandalShield capability
- Correct device class when logging VendorMode and VendorApplication device methods
- Update VendorMode status when entry/exit is pending
- Correctly send ModeEntered and ModeExited events

- Corrected TextTerminal.Beep command handling
- Added Lights interface to TextTerminalServiceProvider
- Any existing TextTerminal SPs will need to implement ILightsDevice



Live Demo Upgrading SP-Dev version



What's next?

- New XFS4IoT Specification released by CEN XFS Committee
- SP-Dev framework always up to date with the CEN XFS specification
- Continue monthly meeting with the same current format
- More demos, guest speaker and exciting news!

Zoom

- First Tuesday of each month at 1300 UK time for 30 mins

Next call: 7th March 2023

1300 UK, 0800 US EST, 2200 Tokyo time

Calls are 30 mins long

We will continue to use Zoom

(Interpretation in Japanese, Chinese and Spanish is available using Zoom's interpretation feature)