



ATM Software

XFS4IoT SP-Dev Workgroup

6th February 2024

- Recap from previous meeting
- Support for 2023-2 in the SP-Dev framework
- Demo: Migration of a sample SP to 2023-2
- What's next?
- Next meeting

Recap from previous meeting



Recap from previous meeting



- Objectives for the workgroup in 2023
- Highlights from 2023
- IBNS Update with guest speaker
Thierry Lamotte, Oberthur Cash Protection

Support for 2023-2 in the SP-Dev framework

- 2023-2 : <https://xfs4iot.github.io/Specifications-Preview.github.io/>
- Updated framework and samples are available in the repo
https://github.com/KAL-ATM-Software/KAL_XFS4IoT_SP-Dev
https://github.com/KAL-ATM-Software/KAL_XFS4IoT_SP-Dev-Samples
- All commands, events and parameters updated to the 2023-2 specification



2023-2: Version handling



- Now reports command and event versions in Capabilities. Information is automatically generated from data structures
- Command version is checked in the command handler
- SetVersion command is now supported:
 - SP-Dev framework will only ever support the latest version, currently 2023-2

- StatusChanged event is now supported for all device interfaces
- Added ImportEmvPublicKey and ImportKeyToken commands to the KeyManagement interface
- Completed Camera SP framework
 - No sample code yet

- Migrated to .NET 8 and C# 12



- Support 'Check' device framework
- Support 'required' and 'default' properties in the framework
 - Already guaranteed for outgoing messages, but not enforced for commands
- Enforce the JSON schema
- Camera sample

How to migrate existing code - demo



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What's next?

- More Framework updates
- Framework roadmap
- POCs and demos
(Real Camera demo with 2023-2, Cheque deposit ...)
- More guest speakers

Zoom

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

Next call: 5th March 2024
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)