



ATM Software

XFS4IoT SP-Dev Workgroup

6th June 2023

- Recap from previous meeting
- XFS4IoT with KAL Demo
- What's next?

Recap from previous meeting

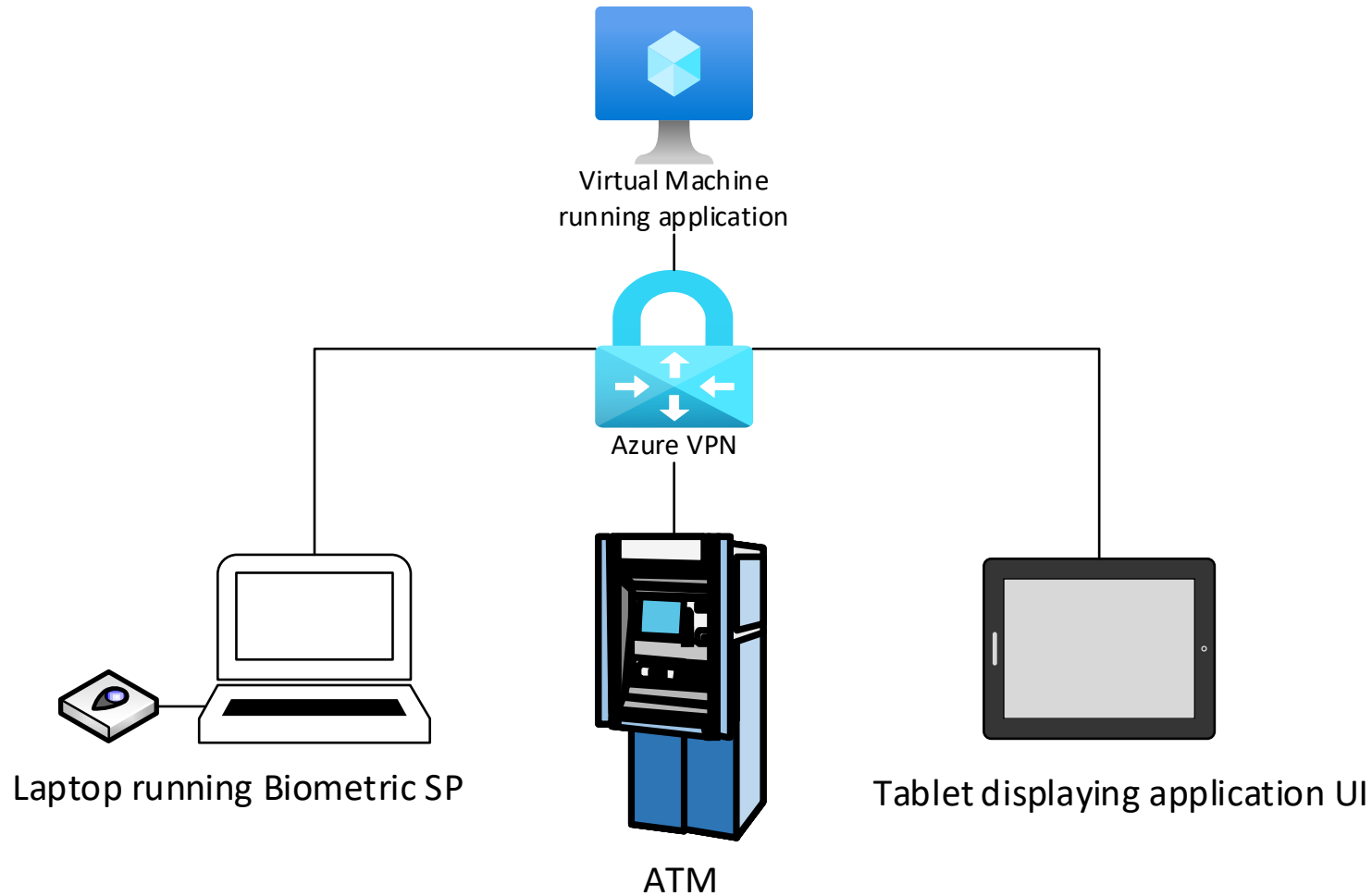
- What's new in the latest release
- Updates to TestClientForms
- Recap on available resources



XFS4IoT with KAL Demo

Demo hardware





- Demo is with Azure
- Can use any cloud provider
- Requires network between endpoints



- Based on the Biometric Sample from GitHub
- Minimal additions required to integrate with hardware device
- Implemented Read, Import and Match
 - SP is only 340 lines of code!
- SP-Dev Framework handles all input validation



- Running Vendor provided XFS3 SPs
- KAL provided XFS4 layer running on top of XFS3 SPs
- XFS4 Services available over Azure VPN
- Azure VM can connect to the ATM securely using XFS4

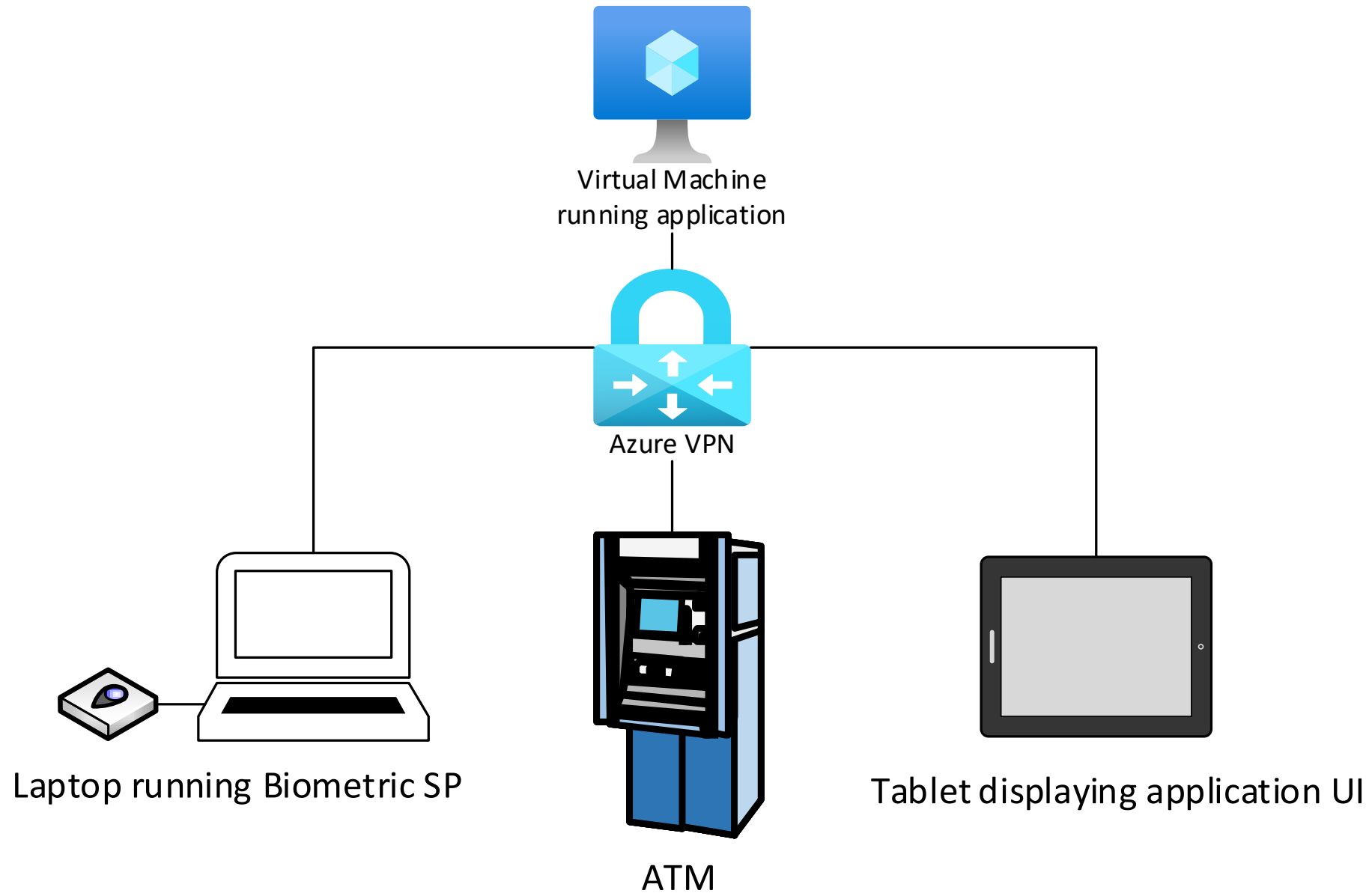


- Microsoft Surface device
- Running Windows 10
- Connects to application VM using Remote Desktop

- Current running Windows 10
- Connects to ATM Service Providers using XFS4
- Connects to Biometric Service Provider using XFS4
- Can be made smaller
- Using Container technology
- Can use other operating systems due to XFS4



Demo Video



What to take away from this demo?



- Concept of deconstructed ATM
- Evolution of current ATMs fleet
- Hardware Mix & Match
- New vision of what an ATM can do and look like!



What's next?

Zoom

- First Tuesday of each month at
1300 UK time 0800 US EST, 2100 Tokyo time

No meetings in July and August

Next call: 5 September 2023 at 1300 UK

Calls are 30 mins long

We will continue to use Zoom

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