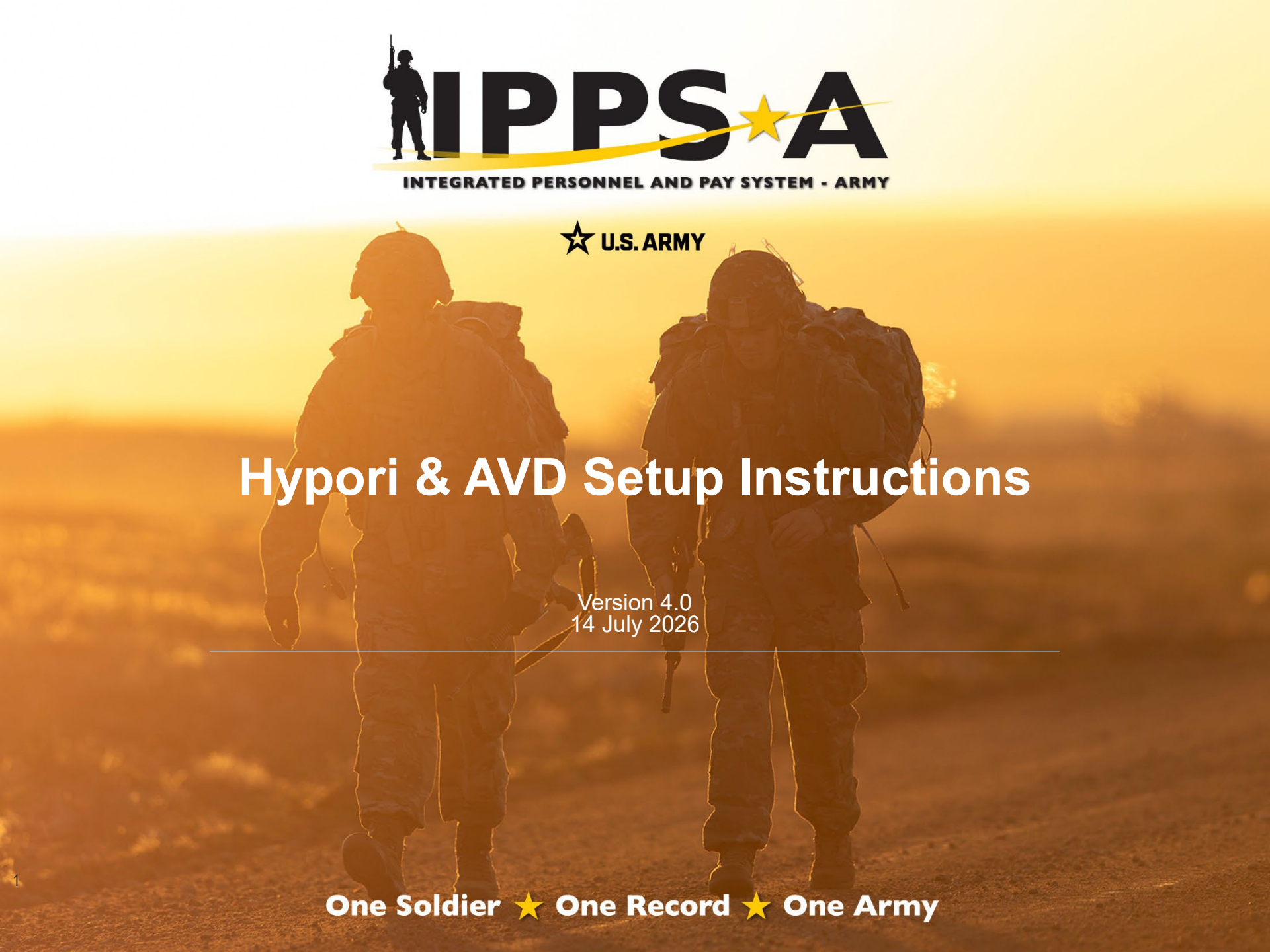


Hypori & AVD Setup Instructions

Version 4.0
14 July 2026

One Soldier ★ One Record ★ One Army

Outline

- Change in Access
- Which One Should I Use?
- Hypori Halo Environment Instructions
- Army Enterprise Azure Virtual Desktop (AVD) Instructions

Change in Access

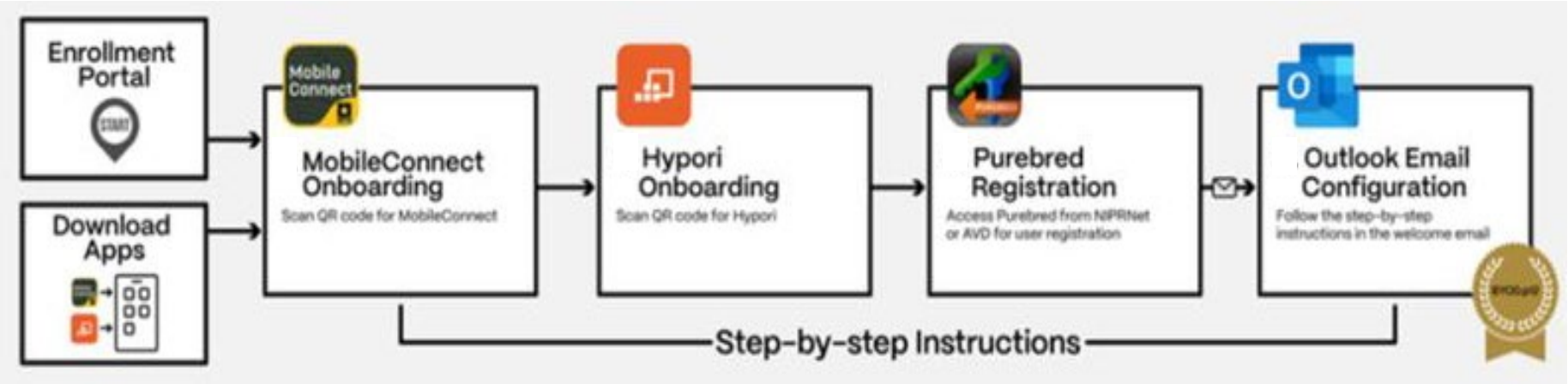
- As our adversaries continue to develop sophisticated attacks on our publicly exposed resources, we must shift from that approach to using the more secure alternatives offered by Azure Virtual Desktop (AVD), Hypori, or, in the future, Intune Mobile Access Management (MAM).
- With the availability of these new capabilities, NETCOM blocked access to all Army 365 services including Webmail, Teams, SharePoint Online, and OneDrive through commercial internet on 10 June 2024.
- Army 365 users are encouraged to learn about and sign up for the secure alternatives of AVD or Hypori. General Information and instructions for enrolling in both programs are provided in this presentation.

Which One Should I Use?

- **Mobile Devices:** We recommend using **Hypori.** Once the Hypori App and Mobile App Connect App are setup and configured on your mobile device, you will NOT need a CAC reader to log in to your virtual environment. Once you follow all steps, your CAC credentials are configured within the environment, allowing you to log into sites requiring a CAC without the use of a physical CAC present.
- **Desktops & Laptops:** We recommend using **AVD**. With AVD a CAC reader is required, however, you do have the option of logging into your AVD either through an application or a web URL.


U.S. ARMY
Hypori Halo
IPPS-A
INTEGRATED PERSONNEL AND PAY SYSTEM - ARMY
One Soldier ★ One Record ★ One Army

Overview & Prerequisites



- **To begin you will need the following:**
  - Computer with CAC Reader, CAC, and internet access
  - Your personal Mobile Device you wish to register
- **Download and install the Mobile Connect & Hypori Apps from the Apple or GooglePlay stores**

iPhone/iPad Android

MobileConnect

Hypori Client

Step 1: Setup Mobile Connect

- **If you experience any issues during the setup of mobile connect, you can reach out to the Army Enterprise Service Desk.**
  - AESD: 1-866-335-2769, Enter DoDID, Option 1 (AESD), Option 1 (Unclassified), Select Region option (ie… CONUS, OCONUS, etc..)
  - AESD: https://www.aesmp.army.mil

- **Using your computer with a CAC Reader and your CAC, go to https://mobileconnect.us.army.mil, click Register, and CAC authenticate in through EAMS-A (Choose PKI Login). Once you log in, scroll down until you see your unique QR code.**

- **Using the mobile device you wish to register, open the MobileConnect App**
  - Click the “more” tab icon in the bottom right
  - Click Register for EAMS-A MFA
  - Click Scan QR Code
  - Scan the QR code on your computer screen.
  - Allow the app to access your location (for security reasons)
  - Allow notifications
  - You will see that it’s registering, and you’ll be asked to create and verify an 8-digit passcode.

- **When completed**
  - You will see registration complete on your mobile device.
  - Additionally, your computer screen should show a green Success banner. You should also receive a confirmation email to your Army email address

Step 2: Enroll with Hypori (1 of 2)

- **If you experience any issues during the setup of mobile connect, you can reach out to the Hypori Support team at:**
  - Hypori Support: 1-833-638-9202
  - Hypori Support Portal: https://hypori.servicenowservices.com/army

- **Using your computer with a CAC Reader and your CAC, go to https://enroll.army.hyporicloud.mil to begin the enrollment process.**
  - Read and accept the User Agreement, ensure the I agree check button is checked, and click the red Accept button.
  - Verify and/or correct your email and command/organization, the click the Submit button.

- **The next screen should show the mobile connect icon and a QR code.**
  - Open the Army Mobile Connect app on your mobile device
  - Click on “More” in the lower right corner
  - Click on Add 2nd Factor Account.
  - Using your mobile device, scan the QR code on your computer screen.
  - Once the scan completes, the Mobile app should show Hypori with a self-generating 6-digit authentication code every 30 seconds.
  - On your computer, click the next button.

Step 2: Enroll with Hypori (2 of 2)

- **The next screen on your computer should show the Hypori App Icon, and another QR code and One time Code.**
  - Open the Hypori app, and allow access to the camera, location, notifications, and microphone.
  - Click the Let's Go button on the app, enter the descriptive Account Name, then click Scan QR code button. Then scan the QR code on the computer screen.

- **Once you scan the QR code, you will be asked to enter an authentication code. On your mobile device, you will need to re-open the Mobile Connect app.**
  - Click the Tap Here to Authenticate button,
  - Wait for the red circle to be completely filled before tapping to copy the code. Once you copy the code, quickly reopen the Hypori app, click in the Authentication box, paste the code, and click OK.
  - After several seconds you should be logged into your Hypori account. The screen will be boarded by a green line.

- **Once you are logged in Hypori on your mobile device, go to your computer and click "Next" on your computer, and then click "Continue"**

Step 3: Setup Purebred

- **Continuing on your computer with a CAC Reader and your CAC, click the link that says PureBred Portal (https://purebred.csd.disa.mil/pb/)**
  - Click on My Devices



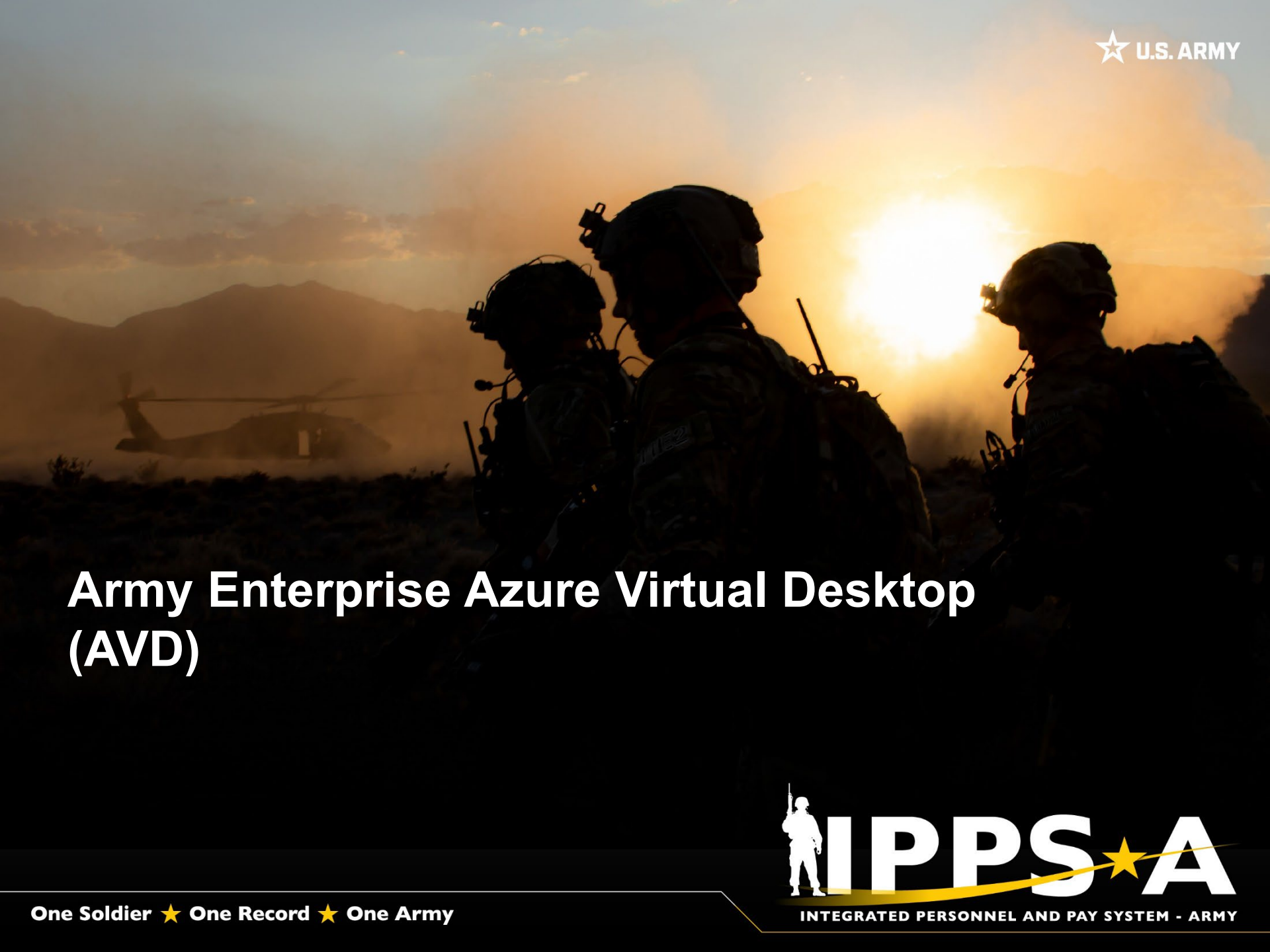
If 1 Device is Listed	If Multiple Devices Are Listed
• Click Generate OTP • Click OK, then a QR code should display • Open Hypori on your mobile device and click on the Purebred Registration icon.	• Open Hypori on your mobile device and click on the Purebred Registration icon. On top there are instructions to Find this Device (xxxxxxxx). • On your computer find the same matching listed device, then Click Generate OTP, Click OK, then a QR code should display, along with a one-time password.

  - On your mobile device, either enter the One-time password for the OTP Value, or click the camera icon and scan the QR code on your computer. If you take too long and the password expires on your computer, click the refresh button next to the password code to regenerate a new code.
  - Click done, and then click the grey box that says “Complete enrollment / reenrollment”.
  - When completed, a Successful notification should display.

Step 4: Additional Steps

- **Log into IPPS-A**
  - You now have the ability to log into IPPS-A from Hypori.
  - Click on the IPPS-A mobile app within Hypori, and click Log In
  - When prompted for Choose Certificate
    - Select “Purebred PIV Auth Certificate”

- **Additional Setup from Hypori**
  - You will receive a Welcome email from the Hypori team with very detailed instructions for getting Microsoft Outlook setup in Hypori, to include setting Outlook up to receive, send, and read encrypted email. Follow those instructions very carefully.



Army Enterprise Azure Virtual Desktop (AVD)

Army Enterprise AVD Quick Facts

- **Army Enterprise Azure Virtual Desktop (AVD) is a Windows 11 virtual machine that uses your Army 365 credentials for an optimized, complete single sign-on (SSO) experience.**
- **The Remote Desktop client (MacOS/Windows) supports CAC login and S/MIME encryption.**
- **It is BEST experienced from a Windows or MacOS desktop computer, using the Remote Desktop client downloaded from the web (instructions in Setup)**
- **Available from NIPR and commercial (including home) networks using government, corporate, and personal devices**
- **Dual personas can access both sets of account (.mil/.civ) or (.mil/.ctr)**
  - Each persona requires its own virtual workspace if user wants access to each of their Army 365 email/MS Teams accounts
  - Users will need to enroll and complete the onboarding process twice (once for each persona).

AVD Registration, Setup, & Access

Initial Steps

- **Step 1**: Login to a NIPR computer or use a personal computer with CAC capabilities
- **Step 2**: Sign up for onboarding at **https://myaccess.microsoft.us/@armyeitaas.onmicrosoft.us#/access-packages/b0a616f3-d77c-4f2d-bbb1-5d1bb9c5d709** (CAC required). **Click continue.**
- **Step 3**: Select I agree and understand the terms, and then, click Request.
- **Step 4: Wait for 15 minutes before proceeding to Option A or B. You will receive a confirmation enrollment email.**

Option A: Access from Army Azure Virtual Desktop Application

- **Step 5a:** Once you receive the onboarding email**,** Download and install the Microsoft Remote Desktop application.
  - Windows Devices: https://aka.ms/AVDWindows
  - Mac OS: https://apps.apple.com/app/microsoft-remote-desktop/id1295203466?mt=12
- **Step 6a**: Open the application and select 'add workspace'.
- **Step 7a**: Input the following link: rdweb.wvd.azure.us.
- **Step 8a**: Login to AVD using your A365/M365 account username (your @army.mil email).
- **Step 9a**: Select the correct CAC certificate and enter your PIN.
- **Step 10a**: Select the server closest to you; East or West.
- **Step 11a**: Two additional prompts where you click "OK" and you are set.

-- OR --

Option B: Access from Web Browser

- **Step 5b**: Once you receive the onboarding email**,** Go to https://client.wvd.azure.us/arm/webclient/index.html
- **Step 6b**: Login to AVD using your A365/M365 account username (your @army.mil email).
- **Step 7b**: Select the correct CAC certificate and enter your PIN.
- **Step 8b**: Select the server closest to you; East or West.
- **Step 9b**: Two additional prompts where you click "OK" and you are set.