

## AuthX Requirements

### Overview

AuthX is a SaaS solution that does not require any on-prem dedicated resources. The AuthX platform supports multiple modalities to meet a variety of needs in a multitude of applications. Depending on the solution required, a customer may need to deploy the AuthX Windows agent to support the authentication activities.

## AuthX Windows Agent Specifications

### Required Hardware

To install the AuthX Windows agent, all workstations must meet the following minimum requirements:

- 2.5 GHz or higher CPU
- 8 GB RAM
- Up to 250 MB of drive space

### Operating System and Software

To install the AuthX Windows agent, all workstations must meet the following requirements:

- AuthX requires Windows 10 and above, Pro or Enterprise edition (64 bit)
- AuthX version 2.3.106 or above is required to support all authentication modalities. An active internet connection required at time of setup.
- Microsoft .NET Framework 4.6.2 or later. If you have an earlier version of .NET, upgrade to 4.6.2 or later.
- Microsoft Visual C++ 2005 Redistributable Package

### Required Accounts

- **AuthX admin account** – Required to set up users in the AuthX portal and to install and apply the Windows agent configuration.
- **Windows admin account** – Required to install AuthX Windows agent.

### Supported Peripherals

- **RFID card reader** is required for tap-in/tap-out authentication using either 125 kHz proximity cards or 13.56 MHz smart cards. AuthX supports the following RFID readers from rf IDEAS:
  - rf IDEAS Wave ID Plus - RDR-80582AKU
  - rf IDEAS Wave ID Nano 13.56 MHz – RDR-7512AKU

- rf IDEAS Wave ID Nano 125 kHz – RDR-6012AKU-V2
- An external **fingerprint reader** is required to use the fingerprint modality. AuthX supports the following fingerprint readers:
  - ZKTeco SilkID fingerprint reader – SLK20-RG0
  - Lumidigm 311
- **Camera** is required for facial recognition. AuthX will work with both integrated and external webcams that support Full HD (1920\*1080) resolution.
- **Hardware token** – Symantec Validation & ID Protection (VIP) implementing the standard OAUTH TOTP algorithm.

### Connectivity & Port Requirements

To utilize the full feature set of AuthX, workstations require internet connectivity with a minimum speed of 2 Mbps. Certain functions are supported when not connected to internet.

AuthX requires whitelisting of HTTPS TCP port 443 and TLS 1.2 or above.

## AuthX Admin & User Portal Specifications

### Supported Browsers

AuthX requires the use of the following browsers:

- Edge version 94.0.X.X and above
- Chrome version 94.0.X.X and above

### Supported User Directory

AuthX supports synchronizing users from multiple user directories.

- On-prem Active Directory – AuthX service can integrate with your Active Directory
- Azure Active Directory – AuthX uses the Azure Graph API to sync users
- Google Directory – AuthX service can integrate using standard Google APIs

## AuthX Mobile App Specifications

### Mobile Operating System

AuthX supports the following mobile operating systems:

- iOS version 11 or later
- Android version 7 (Nougat) or later