

## SurePassID Competitive Comparison vs Duo

Feature/Benefit/Service	SurePassID	Duo	Comments
<b>Server</b>			
Cloud Service	X	X	
Private Cloud Service	X		We offer both shared public cloud or private cloud options. Azure, AWS Gov Cloud, others.
Managed Cloud Service	X		We architect and manage scalable private cloud authentication services.
On-premises server	X		Same user price, same software, install on your servers.
Multi-tenant	X		Standard option, no additional charge. Enables you to add multiple divisional or global business units/organization units while maintaining "super admin" control and visibility over all tenants.
Custom MFA Extensibility	X		SurePass will extend the MFA functionality to meet our clients' needs.
Multi-language/global time support	X		The server portal can automatically change language and time based on users' locale and culture.
Deployable as VM	X		
HSM available	X	X	Utlimaco HSM for on-prem, CloudHSM for cloud.
AD import/sync	X	X	
ADFS support	X	X	
OATH Event (HOTP) support	X	X	
OATH Time (TOTP) support	X	~	Duo does not support TOTP hard tokens because they don't want to deal with "drift". SP Auth server dynamically adjusts internally to the unique drift nature of TOTP tokens eliminating the need to synchronize or discard them. Duo only supports TOTP with their mobile authenticator app.
FIDO support (U2F, UAF, FIDO2)	X	X	We are currently U2F certified and nearing the end of the Universal Server Certification process.
Windows Event Log Integration	X	?	SurePassID audit trail and events can automatically be fed into the Windows Event Log
Splunk/Syslog Integration	X		SurePassID audit trail and events can automatically be fed into the Windows Event Log
User Self Service Portal	X	X	End users can register Fido Tokens, add/reset mobile soft tokens, and perform password resets. customizable and brandable.
REST API	X		The entire SurePassID system can be integrated to any application via the REST JSON API integration.
GDPR Compliance Ready	X		We are currently going through GDPR certification in EU. This is important because in 2020 California has mandated similar compliance (more rigid). Other states are poised to follow.
LDAP Integration	X	X	
Customize Email messages to users	X		
Customize Text messages to users	X		
One-click provisioning	X		Email or text to the user
Import users from AD, CSV file	X	X	

VPN/Remote Access/RADIUS	X	X	VPN support for for any radius compliant device. Surepass Free Radius plug-in for linux. SurePass Radius server for Windows.
Mobile API Connect	X		SurePassID reverse proxy for managing untrusted access in the DMZ from mobile apps and for Third-party integration access. Configurable policies.
OpenID Connect/OAuth2 Idp	X		
SAML2 Idp	X	X	
User Groups and Policies	X	X	
Easy Hard Token Import	X	X	
Easy Soft Token Provisioning	X	X	
Massively Scalable	X	~	Supports deployments with auto-scaling, database GEO replication, etc. Duo is cloud only
<b>Token Support</b>			
OATH Event (HOTP)	X	X	
OATH Time (TOTP)	X		
FIDO U2F	X	X	
FIDO UAF	X		Facial recognition, voice recognition, etc. We provide the mobile libraries
FIDO2/WebAuthn	X	X	
Push Authentication	X	X	
Mobile Authenticator HOTP	X	X	Mobile apps support OTA provisioning hiding all secrets. All of our mobile apps can be rebranded and customized for your organization.
Mobile Authenticator TOTP	X	X	Mobile apps support OTA provisioning hiding all secrets. All of our mobile apps can be rebranded and customized for your organization.
Desktop Authenticator (Windows)	X		
SMS Text OTP	X	X	
SMS Text Challenge	X		Text to user's phone with request to approve login.
Voice OTP	X	X	
IVR Challenge	X		Call to user's phone to respond with a key input. User prompts and responses are configurable.
Feitian tokens	X	X	
Yubikeys	X	X	
<b>Unique Tokens</b>			
SurePassID DisplayCard HOTP/TOTP	X		Standard OTP card. Optional ID badge, mag stripe, smart chip, etc. Optional DoD PIV applet.
SurePassID DisplayCard TAA HOTP/TOTP	X		TAA compliance display card with FIPS 140 level cryptography. Optional DoD PIV applet.
SurePassID OneCard HOTP/TOTP	X		Converged Credential, credit card size, 5 year battery, HID prox. Smart chip, magstripe options.
SurePassID TapID™ OneCard	X		HID Crescendo card with SP TapID U2F NFC, ID badge, mag stripe, smart chip
SurePassID TapID™ Treo FIDO/OATH	X		3-in-1 FIDO/OATH USB token: U2F via USB/NFC, OATH HOTP via USB. Optional DoD PIV applet. Compare Treo at \$29 preprogrammed HOTP to Yubikey Neo for \$50 and you have to program the OATH HOTP yourself.
SurePassID PIN-Safe OTP card	X		NIST-compliant on-card PIN pad requires PIN to display HOTP or TOTP. Option to add Challenge-Response (CR) and Transaction Signing (digital sig)

G-Pass TOTP fobs	X		Specifically for AWS GovCloud access, but may be used with SurePassID as well since we are the contracted AWS GovCloud token provider.
Custom tokens	X		We can customize the card and fob tokens with other options or functions, and branding.
<b>Desktop Support</b>			
Windows Credential Provider	X	?	Win 7-10 support, Win Server 2008, 2012+, 2FA login for Windows including offline 2FA.
Offline Windows 2FA login	X		Offline logins require an HOTP token, hard or soft. Configurable number of contiguous offline logins per user/device.
PAM	X	X	
<b>Services and Support</b>			
Consulting Services	X		We go beyond install and support. We offer scalable network and server design and architecture, software customizations, project management.
Standard Support	X	X	SP is 8AM - 8PM ET, M-F. Duo is 9-5.
Premium Support	X	X	SP is 24x7x365. Duo is 18x5 M-F
Response Times	X	X	We match Duo's response times.
Hard Token Inventory Management	X		We work with your procurement team to make sure we keep your hard tokens in stock for immediate delivery.
<b>Integration / Extension</b>			
Plug-ins for a variety of needs such as Citrix, ADFS, Splunk, PAM, and more	X	X	
API library	X	~	We can integrate into web apps, mobile apps and 3rd party vendor apps that require 2FA. We have customers that direct their vendors to us to quickly enable their software to support both OATH and FIDO standards.
<b>Miscellaneous / X-Factor</b>			
Flexible pricing	X		Flat fee per user per year or transaction-based
Exceed user license without interruption	X	?	Warnings to admins when user license exceeded. Call to add more licenses or pay a True-up fee upon renewal.
Configurable MFA enforcement	X		For Windows login, define a period of 2FA forgiveness. Designed for secure facilities to force users to login with 2FA at the beginning of the day but not be required to present 2FA for x hours.
Dual-role privileged user support	X		Admins can share their token with their non-privileged alternate username to avoid having multiple tokens.
Mix or match multiple tokens and types per user	X	~	SurePass has no limit. Duo limits the number of tokens per user.
Tap and PIN Windows login	X		We use a FIDO U2F TapID card for quick login. We will customize this process to capture the UID to eliminate the need for username entry.
<b>Standard Price Comparison (per user, per month)</b>	<b>\$5</b>	<b>\$6</b>	<b>Call us to beat Duo's price!</b>