Hard Token Support Manual SAASPASS

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HARD TOKEN MANAGEMENT

SAASPASS supports a number of physical hard/USB token solutions for companies and these include:

- USB FIDO Tokens
- USB (non-FIDO) Tokens
- OATH TOTP Hard Tokens
- OATH HOTP Hard Tokens

You can add them or import them from the admin portal of *SAASPASS* for your company.

SAASPASS ID - Hard Token User

Each hard token added into the system receives a unique SAASPASS ID, meaning each hard token functions as a standalone user. Different user accounts can be assigned to the same SAASPASS ID, in this case to the same hard token. A user should have only one token, and it will be able to generate one-time passwords for all of the user's assigned accounts. In other words, a user should NOT have a different hard token for each account as they do in the company. Instead, multiple user accounts of the same or even different types (Simple username, Email, or Active Directory type) can be assigned to the single SAASPASS ID associated with the hard token. See Image 1.

Important: In *SAASPASS*, the *SAASPASS* ID of the hard token is referred to as the "Hard Token User" or simply "hard token." As explained above, the Hard Token User can have multiple user accounts assigned to it that can be the same or different types.

Also, *SAASPASS* designates hard tokens for corporate use only, meaning that only an administrator of a company registered with *SAASPASS* can provision Hard Token Users.

Here, "provisioning" refers to an administrator's ability to:

- Add hard tokens, and therefore add Hard Token Users.
- Assign and Reassign user accounts to a Hard Token User.
- Remove user accounts from a Hard Token User.
- Manage the Hard Token User rights (Administrator, Developer, Company User).
- Change Ownership of a Hard Token User.
- Delete the hard tokens, and therefore delete Hard Token Users.

USER DIRECTORIES USER & USER TEAMS		
709666414 / Gaya		+ ADD USER ACCOUNT
TYPE FIDO2 or Hard Token user © WANAGE	DISPLAY NAME Gaya 🇷	
ROLE 😔 Company user 📝		
User Accounts		
USER ACCOUNT \$		DIRECTORY \$
R Search		
pauline@planet.xyz		SAASPASS Directory
gaya@saasokay.com		SAASPASS Directory
El Gaya		SAASPASS Directory
A: ATRANSFER OWNERSHIP COPY		Total records: 3

Image 1: Hard Token User

User Accounts Assignment

The process of assigning user accounts is similar for each type of hard token available in *SAASPASS*, so we will refer to user account assignment to a "hard token" rather than to a specific token type (FIDO U2F, YubiKey or HOTP USB Key and TOTP or HOTP Hard Token). The types of user accounts in *SAASPASS* that can be assigned to a hard token are: Simple username, Email, and Active Directory account.

Important: Before assigning user accounts to a hard token, it is recommended that you visit the Hard Token Specification section in this document and complete the setup/edit process by providing specifications of the selected token.

User Account assignment to a hard token:

In order to assign a user account to a hard token, add a new user account from the "User Accounts" tab or find an existing one listed under the "User Accounts" table, as shown in Image 2.

Important: The type of user account can be: Simple username, Email, and Active Directory account.

	USER DIRECTORIES USER & U	ISER TEAMS			
	All directory ac	counts	▲ IMPORT USER ACCOUNTS + ADD USER ACCOUNT	+ NEW ACTIVE DIRECTORY	SEND VERIFICATION EMAILS
	ALL DIRECTORY ACCOUNTS	>	USER ACCOUNT ¢	DIRECTORY \$	SAASPASS USER \$
	PLANET	>	R Search		
	E MARS	>	E Forrest sump	SAASPASS Directory	() ()
			nina.simone (nina.simone@planet.xyz)	n Planet	/ Stojanovska 👭
ADD USER ACCOUNT		/	✓ sk@planet.xyz	SAASPASS Directory	/ sk 😫
NEW USER ACCOUNT			pauline@planet.xyz	SAASPASS Directory	981214547 / Pauline 🤮
Username/email/mobile number	×		Francisco.Evans (Francisco.Evans@planet.xyz)	E Planet	00
Enter a credential that your user uses to login [I	Email, Mobile number, or a Simple usernar	ne].	Section 2015 Sect	SAASPASS Directory	00
myuser@domain.com myUsername1000 +1526875			Image 2: Add new User Accou	ınt	
	+ ADD	⊘ CANCE			

Find your hard token in the tokens table under the "Hard Token Management" tab as shown in Image 3.

ach physical token slot (hard token, FIDO token, USB t physical token and the SAASPASS Mobile App it will cou	oken etc) you request is issued a SAASPASS ID nt as 2 separate SAASPASS user licenses.	which counts as a user license :	separate from the SAASPASS ID issue	d to a SAASPASS Mobile App. If you issue a user	
OF FLOD 2 & HARD TOKEN USERS + ADD FLOD 2 & U2F TOKENS + ADD USE (NON - FLDD 2 & U2F) + ADD TOFF & HOTF TOKENS					
SERIAL NUMBER 🗢	TYPE T All	STATUS ▼ ALL	SAASPASS USER \$	ACTIONS	
R Search					
5313745	HOTP USB Key	ACTIVE No account assigned	024421774	MANAGE	
6317655	TOTP - SHA1	ACTIVE No account assigned	962545390	MANAGE	
Pauline	FIDO2 & U2F	ACTIVE No account assigned	249440402	MANAGE DELETE	
731254	HOTP - SHA256	ACTIVE No account assigned	032312943	MANAGE DELETE	
5313745	HOTP USB Key	ACTIVE No account assigned	948261168	MANAGE	
Yubico Test	YubiKey USB (non FIDO)	ACTIVE No account assigned	663459512	MANAGE	

Image 3: Copy the SAASPASS ID of the hard token.

Select and COPY the SAASPASS ID associated with the hard token.

Go to the "User Directories" tab and find the user account you want to assign to the hard token, as shown in Image 4.

USER DIRECTORIES USER & U	SER TEAMS				
All directory ac	counts	1 IMPORT USER ACCOUNTS	+ ADD USER ACCOUNT	+ NEW ACTIVE DIRECTORY	SEND VERIFICATION EMAILS
	>	USER ACCOUNT \$	DIRECTORY \$		SAASPASS USER ¢
SAUSAS SILLION	,	ism	·		
		🔝 İsmar 🔸 🗕	SAASPASS Directory		09
					Total records: 1

Image 4: Find the User Account.

Now, click on the user account to open the "User Account Details" window, then PASTE the *SAASPASS* ID in the "ACCOUNT VERIFICATION" entry field. Next, click the *Search* button as shown in Image 6.

USER DIRECTORIES USER & USER TEAMS	
Account ISMAT Details Groups & apps Profile attributes	
ACCOUNT Ismar	Account is not verified for any SAASRASS user. Not verified accounts cannot be authenticated by
CREATED 2022-12-23 17:16:33	SAASPASS during login to your apps. ADMIN VERIFICATION As admin, you can verify this account directly for existing SAASPASS user.
STATUS O Pending verification	LUER VERIFICATION USER VERIFICATION User receives a verification email to verify this account with his/her SAASPASS.
Added by admin	No verification email is sent yet. You can provide an email of user to send verification link for the account.
	B DELETE USER ACCOUNT

Image 5: Search for the SAASPASS ID of the hard token.

Next, once the SAASPASS ID is found, click the VERIFY button.

USER DIRECTORIES USER 8	USER TEAMS			
Account Ismar				
VERIFY ACCOUNT				×
TO VERIFY ACCOUNT, ENTE	R USER DATA IN SAASPASS			
663459512				
Q SEARCH				
FOUND USER				
663459512				
			VERIFY ACCOUNT	⊗ CANCEL

Image 6: Verify User Account.

You should receive a message that the verification has been done successfully, as shown in Image 7.



Image 7: Successful verification completed.

Now, the Hard Token User (hard token) should be visible under "User Accounts" with "Active" status, as shown in Image 8.

USER DIRECTORIES	SER TEAMS						
All SAASPASS Us	ers						USER SETTINGS
LL SAASPASS USERS	>		SAASPASS USER 🖨	EMAILS	туре 🗢	ROLE 🖨	STATUS ♦
ADMINISTRATORS	>						
SAASPASS MOBILE APP USERS	>	A Search					
FIDO2 & HARD TOKEN USERS	>			ismar@saasokay.com	FIDO2 or Hard Token us	ar 🔒	
SMS USERS	>		663459512	Ismar@saasokay.com	₹.	Company user	${}$
S BLOCKED USERS	>			International Advancements		👯 Super administrator	\bigcirc

Image 8: Check status for the hard token user.

If you go back to the "Hard Token Management" tab, the status is changed to "Active" here, as well, after a user account is assigned to the hard token. See Image 9.

SERIAL NUMBER 🗢	TYPE T All	STATUS Ŧ ALL	SAASPASS USER 🗢	ACTIONS
A Search				
Yubico Test	YubiKey USB (non FIDO)	ACTIVE Has assigned accounts	663459512	MANAGE DELETE
5313745	HOTP USB Key	ACTIVE No account assigned	024421774	MANAGE DELETE
6317655	TOTP - SHA1	ACTIVE No account assigned	962545390	MANAGE DELETE
Pauline	FIDO2 & U2F	ACTIVE No account assigned	249440402	MANAGE DELETE
731254	HOTP - SHA256	ACTIVE No account assigned	032312943	MANAGE DELETE
5313745	HOTP USB Key	ACTIVE No account assigned	948261168	MANAGE DELETE
				Total records: 6

Image 9: Status change to Active after user account assignment to a hard token.

ADDING TOKENS INTO SAASPASS

When you log into the <u>SAASPASS web portal</u>, click on "SWITCH TO COMPANY MODE" and select your company (if you manage more than one).

Once you are in company mode, select the Hard Tokens tab and pick the relevant token type that you want to add or import.



Image 10: Hard Tokens.



Image 11: Add Hard Tokens.

Add and Import FIDO U2F Tokens

Add FIDO U2F Tokens:

You can enter a device name to help identify the device (optional). Providing an email address will send the registration email to your user (optional). You can add the email later in the MANAGE section of each token. You can also register devices and test authentication in the MANAGE section and then distribute it to your users.

You can have your users self-register their FIDO2 devices with their emails. You can add their emails and click on the *Save Tokens* button to send them the registration email for their FIDO2 devices. The email link is valid for 72 hours and they should check their spam and junk folders if necessary.

ADD FIDO2 & U2	1F TOKENS		×
NUMBER OF	FIDO2 & U2F TOKENS		
2			
You can ente token. You ca You can have email link is y	r a device name to help identify the device (optional). Providing an email address in also register devices and test authentication in the MANAGE section and then cu- your users self-register ther FDO2 devices with their emails. You can add just it valid for 72 hours and they should check their spam and junk folders if necessary	will send the registration email to your user (optional). You can add the email late listribute it to your users. where mails and takk on the "SAVE TOKENS" button to send them the registration e . To do bulk imports or send out bulk emails to users click on the BULK IMPORT bu	er in the MANAGE section of each mail for their FIDO2 devices. The itton.
			BULK IMPORT
=	Serial Number	Registration Email	Actions
1	Pauline	pauline@domain.com	DELETE
2	Device Name	Email Address	DELETE
+ ADD NEW	TOKEN		
SAVE TOKENS			CANCEL

Image 12: Add FIDO U2F Tokens.

- Choose the number of FIDO U2F tokens you want to add.
- Write down the Serial Number or a device name of the FIDO U2F token in the specified field.
- Click the *Save Tokens* button.
- After saving, find the newly added FIDO U2F tokens in the tokens table under the "Hard Token Management" tab.

Import FIDO U2F Tokens:

CSV content can be deviceName,emailAddress or the device name on each line. If you provide the email address, the registration link will be sent to the users so that they can register the token by themselves.

You can have your users self-register their FIDO2 devices with their emails. The email link is valid for 72 hours and they should check their spam and junk folders if necessary. For bulk emails for self-service registration, just paste the CSV email file in the format of:

Testing token,test1@company.com 228463,test2@company.com ,test3@company.com

Note: When email is provided you can continue managing the device and assign accounts before the user registers. Always keep in mind that the user is expected to register themselves when managing a token.

ADD FIDOZ & UZF TOKENS	×
NUMBER OF FIDO2 & U2F TOKENS	
1	
CSV content can be the device name on each line or deviceName,emailAddress. If you provide the email address, the registration link will be sent to the users so that they can register the token by themselves. You can have your users self-register their FIDO2 devices with their emails. The email link is valid for 72 hours and they should check their spam and junk folders if necessary. For bulk emails for self-service registration, just parte the CSV email file in the format of: _text1@company.com _text2@company.com	
Note: When email is provided you can continue managing the device and assign accounts before the user registers. Always keep in mind that the user is expected to register themselves when managing a token.	
Paste the CSV content: Device Name,Email Address (optional) Example:	
7827875,mith@mail.com 523497, annelid@mail.com 5595756	
4694559,sandra.li@company.com 7799795,	

Image 13: Import FIDO U2F Tokens.

- To import FIDO U2F tokens click the *Bulk Import* button.
- Copy and paste the serial numbers of your FIDO U2F tokens from the CSV file, which should be formatted as in the example.
- Click the *Preview and Save* button to check if the pasted content is properly parsed.
- Click the *Save Tokens* button.
- After saving, find the newly added FIDO U2F tokens in the tokens table under the "Hard Token Management" tab.

Add and Import USB (non-FIDO) Tokens



Image 14: Add Yubico OTP (non-FIDO U2F) Tokens.

• For the token type choose the Yubico OTP (non-FIDO U2F).

- Choose the number of YubiKey OTP (non-FIDO U2F) tokens you want to add.
- Write down the: Serial Number, Public Identity, Private Identity and Shared Secret of the YubiKey OTP (non-FIDO U2F) token in the specified fields. Click the *How to Setup* button to see the example.
- Click the *Save Tokens* button.
- After saving, find the newly added YubiKey OTP (non-FIDO U2F) tokens in the tokens table under the "Hard Token Management" tab.

Import Yubico OTP (non-FIDO U2F) Tokens:

ADD USB TOKENS	
TOKEN TYPE	How to set it up
Yubico OTP (non-FIDO2 & U2F)	
USB OATH-HOTP	
Serial Number, Public Identity, Private Identity, Shared Secret	
Paste the CSV content:	
Decimal,1-16 Bytes Modhex,6 bytes Hex, 16 bytes Hex	
Example: 1992725 65-99-0-1746 object72-0-29 0641 - 112925 668931-040-445647233	
7620153;5526121476;E00191762226;3941181150537619351E4040400941522	
dobro vyceni rozvyco dobro h styto Schalad Scha	
4655359 dr5aa377be86 37dr67d1bd2f5bd36a31fd53drJe999e60d0rl3fr1127z	
7799793.e1ac784d2341.b80e4c693938.1ae76c959ece4216bd2af1b47754f2d0	
	/i
PREVIEW AND SAVE	CANCEL

Image 15:Import Yubico OTP (non-FIDO U2F) Tokens.

- To import Yubico OTP (non-FIDO U2F) tokens click the *Bulk Import* button.
- Copy and paste the content of the CSV file containing the Serial Number, Public Identity, Private Identity and Shared Secret of your YubiKey OTP (non-FIDO U2F) Tokens. The file should be formatted as in the example (Image 15).
- Click the *Preview and Save* button to check if content pasted is properly parsed.
- Click the Save Tokens button.
- After saving, find the newly added YubiKey OTP (non-FIDO U2F) tokens in the tokens table under the "Hard Token Management" tab.

Add USB OATH-HOTP Tokens:

ADD USB TOKENS	YubiKey Personalization Tool	- 0 X
TOKEN TYPE Vubics OTP (non-FIDD2 & U2F) Image: USB 0ATH-HOTP 1	Yubico 010 OATH-HOTP Static Password Challenge-Response Settlings Tools About Program in OATH-HOTP mode - Quick Canfiguration Mot be programmed Configuration Mot be programmed Configuration Mot be programmed Configuration Mot be programmed	Exit YubiKey is inserted
# Serial Number Shared Secret	OATH-HOTP Parameters (auto generated) Oath-HotP Parameters (auto generated) where [04 57 07 75] Generate HUI @ Control Lawyh @ 6.0 upts 0 s Dupts @	Programming status: Slot 1 configured Firmware Version: 3.4.9 Serial Number
Decimal 20 Bytes Hex ADD NEW TOKEN	A chose Heres Wile Configuration button to program your 'Ubikay's selected configuration slot Write Configuration Regenerate Back	Hex: 5113745
SAVE TOKENS	CANCEL	

Image 16: Add USB OATH-HOTP Tokens.

- For the token type choose the USB OATH-HOTP.
- Choose the number of USB OATH-HOTP tokens you want to add
- Write down the: Serial Number and Shared Secret of the USB OATH-HOTP token in the specified fields. Click the *How to Setup* button to see the example.
- Click the *Save Tokens* button.
- After saving, find the newly added USB OATH-HOTP tokens in the tokens table under the "Hard Token Management" tab.

Import USB OATH-HOTP Tokens:

ADD USB TOKENS	
TOKEN TYPE	How to set it up
Vubico OTP (non-FIDO2 & U2F)	
USB OATH-HOTP 1	
Serial Number,Shared Secret	
Paste the CSV content:	
Decimal,20 bytes hexadecimal	
Example:	
7823765,964f1a713b3546f8	
5665878,ae03d762f1af43b5	
9255256,b37b365c0a8b452d	
4678959,5b436a31f4534ded	
7799344,1ae76c959ece4216	
	10
PREVIEW AND SAVE	CANCEL

Image 17: Import USB OATH-HOTP Tokens.

- To import USB OATH-HOTP tokens click the *Bulk Import* button.
- Copy and paste the CSV file containing the Serial Number and Shared Secret of your USB OATH-HOTP tokens. The file should be formatted as in the example (Image 17).
- Click the *Preview and Save* button to check if the pasted content is properly parsed.
- Click the *Save Tokens* button.
- After saving, find the newly added USB OATH-HOTP tokens in the tokens table under the "Hard Token Management" tab.

Add and Import Hard Tokens

Add TOTP Hard Tokens:

ADD HARD TOKENS (HOTP OR TOTP)		
ТОКЕЛ ТУРЕ • ТОТР 1 — НОТР	ALGORITHM S SHA1 SH4256 SHA512	TOTP GENERATION TIME (SECONDS) 30 BULK IMPORT
# Serial Number	Shared Secret	Actions
1 Hexadecimal	Hexadecimal	DELETE
SAVE TOKENS		CANCEL

Image 18: Add TOTP Hard Tokens.

- For the token type choose TOTP
- Choose the number of TOTP Hard Tokens you want to add
- Choose the secure hash algorithm type (SHA1, SHA256 or SHA512).
- Choose the TOTP generation time in seconds (only for time-based generation tokens).
- Write down the: Serial Number and Shared Secret of the TOTP Hard Token in the specified fields.
- Click on the *Save Tokens* button.
- After saving, find the newly added TOTP Hard Tokens in the tokens table under the "Hard Token Management" tab.

Import TOTP Hard Tokens:

ADD HARD TOKENS (HOTP OR TOTP)		
ТОКЕН ТҮРЕ • ТОТР 1 — НОТР	ALGORITHM SHA1 SHA256 SHA512	TOTP GENERATION TIME (SECONDS)
Serial Number, Shared Secret Paste the CSV content: Hexadecimal Nexadecimal Example: 7122725 \$96417.371355468 Sole8776, ac03676271 a4G355 Db05556, 0373955664524 Ad0ee55, Da045524 Ad0ee55, Da045524 7799459e, 1ac76-c590ece4216		
PREVIEW AND SAVE		CANCEL

Image 19: Import TOTP Hard Tokens.

- To import TOTP Hard Tokens click the *Bulk Import* button.
- Copy and paste the CSV file containing the Serial Number and Shared Secret of your TOTP Hard Tokens. The file should be formatted as in the example (Image 19).

- Click on the *Preview and Save* button to check if the pasted content is properly parsed.
- Click on the *Save Tokens* button.
- After saving, find the newly added TOTP Hard Tokens in the tokens table under the "Hard Token Management" tab.

Add HOTP Hard Tokens:

ADD HARD TOKENS (HOTP OR TOTP)		
ТОКЕЛ ТУРЕ ТОТР • НОТР 1	ALGORITHM SHA1 SHA256 SHA512	BULK IMPORT
# Serial Number	Shared Secret	Actions
1 Hexadecimal	Hexadecimal	DELETE
+ ADD NEW TOKEN		
SAVE TOKENS		CANCEL

Image 20: Add HOTP Hard Tokens.

- For the token type choose HOTP.
- Choose the number of HOTP Hard Tokens you want to add
- Choose the secure hash algorithm type (SHA1, SHA256 or SHA512).
- Write down the: Serial Number and Shared Secret of the HOTP Hard Token in the specified fields.
- Click the *Save Tokens* button.
- After saving, find the newly added HOTP Hard Tokens in the tokens table under the "Hard Token Management" tab.

Import HOTP Hard Tokens:

ADD HARD TOKENS (HOTP OR TOTP)		×
TOKEN TYPE	ALGORITHM	
TOTP	SHA1	
	SHA256	
• HOTP 1	SHA512	
Serial Number,Shared Secret Paste the CSV content:		
Hexadecimal,Hexadecimal		
Example:		
782d7b5,964f1a713b3546f8		
5bfe878,ae03d762f1af43b5		
0205250,057050504604520 46hee59,5h436a31f4534rlert		
7799d9e,1ae76c959ece4216		
		li
PREVIEW AND SAVE		CANCEL

Image 21: Import HOTP Hard Tokens.

• To import HOTP Hard Tokens click the *Bulk Import* button.

- Copy and paste the CSV file containing the Serial Number and Shared Secret of your HOTP Hard Tokens. The file should be formatted as in the example (Image 21).
- Click the *Preview and Save* button to check if the pasted content is properly parsed.
- Click on the *Save Tokens* button.
- After saving, find the newly added HOTP Hard Tokens in the tokens table under the "Hard Token Management" tab.

TOKEN CONFIGURATION & EDITS

If you ever configure any of your physical tokens, make sure to keep it synced with *SAASPASS*. In order to do that, find the token under the "Hard Token Management" tab and click on *Manage* button.

SAASPASS		US		DE 👻 🗢 CompanyDOO 👻
CompanyDOO / FIDO2 & Hard Tokens			Super administrator	support@saaspass.com Admin.guide FAQ 💽
Q Search				
FIDO2 & Hard Tokens				
Each physical token slot (hard token, FIDO token, USB to	oken etc) you request is issued a SAASPASS ID	which counts as a user license	separate from the SAASPASS ID issue	ed to a SAASPASS Mobile App. If you issue a user a
physical token and the SAASPASS Mobile App it will cou	nt as 2 separate SAASPASS user licenses.	_		
뵯 FIDO2 & HARD TOKEN USERS	+ ADD FIDO2 & U2F TOKENS	+ ADD USB	(NON - FIDO2 & U2F)	+ ADD TOTP & HOTP TOKENS
SERIAL NUMBER 🗢	TYPE T ALL	STATUS T	SAASPASS USER 🗢	ACTIONS
Q Search	' 			
5313745	HOTP USB Key	ACTIVE No account assigned	024421774	MANAGE
6317655	TOTP - SHA1	ACTIVE No account assigned	962545390	MANAGE DELETE
Pauline	FIDO2 & U2F 🜖	ACTIVE No account assigned	249440402	MANAGE DELETE
731254	HOTP - SHA256	ACTIVE No account assigned	032312943	MANAGE
Yubico Test	YubiKey USB (non FIDO)	ACTIVE No account assigned	663459512	MANAGE
				Total records: 5
HELP YUBICO STORE YUBIKEY EXPE	RIENCE PACK BUY HYPERSECU			GENERIC HARD TOKEN SYNC URL

Image 22: Edit Token.

Yubikey Token Configuration

YubiKey devices featuring Yubico OTP and OATH-HOTP authentication methods (standards) need specific configurations in order to work with *SAASPASS. SAASPASS* supports both (Yubico OTP and OATH-HOTP) authentication methods and also supports other USB keys based on the OATH-HOTP standard.

To set up the token, go to the Yubico Support page and download the <u>Yubico Personalization Tool</u>.

For login, users just need to plug the USB key into their computer, select the One-Time Password field on the login form, and press the USB key button. The Login form will be auto-filled and submitted.

Yubico OTP (non-FIDO U2F) Token Configuration

To set up the Yubico OTP (non-FIDO U2F) token, click the *Manage* button for the YubiKey USB (non-FIDO) token type previously added. This is listed in the tokens table under the "Hard Token Management" tab. (Image 22).

The Hard Token Management window will appear and you can edit the following settings:

- Token Serial Number
- Public Identity
- Private Identity
- Shared Secret value

< Hard Teken Yubico Test - 663459512		USER & ACCOUNTS
SERIAL NUMBER Vubico Test TYPE YubiKey USB (non FIDO)	STATUS ACTIVE - No account assigned SAASPASS ID 663459912	
AUTHENTICATION TYPE OATH-HOTP Vubico OTP PIDD U2F PUBLIC IDENTITY	PRIVATE IDENTITY	
VVCCCcgbbftb SECRET KEY	••••••	
SAVE CHANGES RESET		BLOCK FROM LOGIN DELETE TOKEN
YubiKey Personalization Tool Yubico OTP OATH-HOTP Static Password	Challenge-Response Settings Tools	− □ × About Exit
Configuration Slot Select the configuration slot to be programmed O Configuration Slot 1 O Configuration Slot	tP mode - Advanced	e 100
Program Multiple YubiKeys	Configuration Protection (6 bytes Hex)	0
Automatically program YubiKeys when inserted	YubiKey(s) unprotected - Keep it that way	•
Parameter Generation Scheme Identity from serial; Randomize Secrets	Current Access Code Use Serial Number New Access Code Use Serial Number	Programming status: Slot 1 configured Firmware Version:
Yubico OTP Parameters		Serial Number
✓ Public Identity (1-16 bytes Modhex) cc cc cc gb bf tb Public Identity Length 6 € (6 bytes is graded) ✓ Private Identity (6 bytes Hex) 33 00 97 24 79 9b	Generat default length as required by Yubico OTP validation s Generat	e @ Dec: 5313745 1 erver) Hex: 5114d1 1 e @ Modhex:gbbftb 1
Secret Key (16 bytes Hex) 1c d3 3c aa 6e 80 4	c 4b c4 f5 be 7c bb 52 a3 c0 Generat	e 😢 Features Supported
Actions Press Write Configuration button to program your YubiKey Write Configuration Stop Rese	s selected configuration slot tt Back	Yubico OTP
Kesults		

Image 23: Edit Yubico OTP (non-FIDO U2F) Token.

USB OATH-HOTP Token Configuration

To set up the USB OATH-HOTP token, click the EDIT button for the HOTP USB Key token type previously added and listed in the tokens table under the "Hard Token Management" tab (Image 22). The Hard Token Management window will appear and you can edit the following settings:

- Token Serial Number
- Shared Secret value

< Hard Token 5313745 - 948261168			USER & ACCOUNTS
Settings Synchronization SERIAL NUMBER 5313745	STATUS ACTIVE - No account assigned		
TYPE HOTP USB Key	SAASPASS ID 948261168		
AUTHENTICATION TYPE	ALGORITHM		
HOTP SHARED SECRET (MUST BE IN HEXADECIMAL FORMAT)	SHA1		
SAVE CHANGES RESET		BLOCK FROM	LOGIN DELETE TOKEN
YubiKey Personalization Tool Yubico OTP OATH-HOTP Static Passwo	rd Challenge-Response Settings	Tools About	– 🗆 X Exit
Program in OAT	H-HOTP mode - Quick		YubiKey is inserted
Select the configuration slot to be programmed O Configuration Slot 1 O Configuration	on Slot 2	0	
OATH-HOTP Parameters (auto generated)			~
OATH Token Identifier (6 bytes) ubnu 00 01 7 HOTP Length 6 Digits 0 100 00 00 00 00 00 00 00 00 00 00 00 00	7 19 Generate MUI) 8 Digits	e e s	rogramming status:
Hide secret Secret Key (20 bytes Hex) 91 e3 87 dc 56	5 48 47 f7 e4 14 c1 c0 45 f5 98 f9 64 c9 af 93	6 S	irmware Version: .4.9
Actions Press Write Configuration button to program your Yubi Write Configuration Regenerate	Key's selected configuration slot	C H	Dec: 5313745 1 Hex: 5114d1 1 Modhex:gbbftb 1 Features Supported
			Aubico OTP 2 Configurations DATH-HOTP Static Password Scan Code Mode Challenge-Response Jupdatable Videf Juniversal 2nd Factor Ubico Company Ubico Company

Image 24: Edit USB OATH-HOTP Token.

Important: On Image 24, it describes how to set up token specifications for YubiKey devices that support the OATH-HOTP standard.

USB OATH-HOTP (Event Based) Token Synchronization

USB OATH-HOTP tokens are event-based (counter-based). YubiKey tokens may be event-based (HOTP) if the device is supporting the OATH-HOTP standard. This means they generate one-time passwords only when it is requested (usually pressing the button on the token). It's up to the user how many one-time passwords to generate, so it's easy that the token and *SAASPASS* servers will go out of sync. When the token and *SAASPASS* are out of sync, the one-time password will not work.

After the token is integrated with *SAASPASS* for the first time, it must be synchronized. Locate the USB OATH-HOTP token in the tokens table under the "Hard Token Management" tab and click the *Manage* button and then navigate to the "Synchronization" tab.

Important: If the token goes out of sync, you will need to synchronize the token again.

When the synchronization window appears, generate three one-time passwords in a row, then submit. The *SAASPASS* server will synchronize the tokens.

Hard Token 5313745 - 024421774 settings Synchronization	USER & ACCOUNTS
For remote users you can generate below the sync URL copy and send it to them by email or other means	
1ST ONE-TIME PASSWORD 2ND ONE-TIME PASSWORD 3RD ONE-TIME PASSWORD	Generate and enter three consecutive one-time passwords (OTP): For event based tokens, simply generate and enter the OTPs from the token. For time based tokens, wait for the interval of the next OTP and enter that. Note: The tokens generated MUST be entered one after another (as they were generated) to be usable.
Ø synchronize	

Image 25: Synchronize USB OATH-HOTP Token.

In case you don't have the token with you to generate the OTPs, you can generate a URL and send it to the user of the out-of-sync token. The URL opens a page where the user is able to submit the three OTPs required for the synchronization (Image 26).

Settings Synchronization	
For remote users you can generate below the sync URL copy and send it to them by email or other mean CONTRACT URL ACCOMPANY OF A STATE OF A S	а.
1ST ONE-TIME PASSWORD 2ND ONE-TIME PASSWORD 3RD ONE-TIME PASSWORD	Generate and enter three consecutive one-time passwords (OTP): For event based tokens, simply generate and enter the OTP from the token. For time based tokens, wait for the internal of the next OTP and enter that. Note: The tokens generated MUST be entered one after another (as they were generated) to be usable.
C SYNCHRONIZE	

Image 26: Generate URL for USB OATH-HOTP Token synchronization.

Also, the user can synchronize a token anytime without needing the admin to generate a URL. For that, a user should go to the <u>SAASPASS Hard</u> <u>Token Synchronization page</u> and enter the three OTPs plus the serial number displayed on the hard token.

HARD TOKEN (TOTP and HOTP) CONFIGURATION

TOTP Hard Token Configuration

To set up the TOTP Hard Token, click the *Manage* button for the TOTP Token type previously added and listed in the tokens table under the "Hard Token Management" tab (Image 22).

When the Hard Token Management window appear, you will be able to edit the following settings:

- Token Serial Number.
- One-time password type (time based TOTP or event based HOTP).
- Algorithm (SHA1, SHA256 or SHA512).
- OTP generation time in seconds (only for time-based generation tokens).
- Shared Secret value.

Kerd Token 6317655 - 962545390	U	ER & ACCOUNTS
SERIAL NUMBER 6317655 TYPE TOTP - SHA1	STATUS ACTIVE - No account assigned SAASPASS ID 962545390	
ONE-TIME PASSWORD TOP HOTP TOP GENERATION TIME (SECONDS) 30	ALGORITHM SHA1 SHA256 SHA512	
SHARED SECRET (MUST BE IN HEXADECIMAL FORMAT)		0
SAVE CHANGES RESET	BLOCK FROM LOGIN	ELETE TOKEN

Image 27: Edit TOTP Hard Token.

TOTP (EVENT-BASED) HARD TOKEN SYNCHRONIZATION

When Hard Tokens are event-based (TOTP), they generate one-time passwords only when prompted (usually by pressing the button on the token). AS it's up to the user how many one-time passwords to generate, it's easier for the token and the *SAASPASS* servers to become out of sync. When the token and *SAASPASS* are out of sync, the one-time password generated will not work.

When a token is integrated with *SAASPASS* for the first time, it must be synchronized. Locate the TOTP Hard Token in the tokens table under the "Hard Token Management" tab and click the *Manage* button and then navigate to the "Synchronization" tab.

Important: A token must be synchronized anytime it becomes out of sync.

In the synchronization window, generate three one-time passwords in a row, then submit. *SAASPASS* will synchronize the token.

Hard Token 6317655 - 962545390 Settings Synchronization	USER & ACCOUNTS
For remote users you can generate below the sync URL copy and send it to them by email or other means ochesante unit	s
1ST ONE-TIME PASSWORD 2ND ONE-TIME PASSWORD 3RD ONE-TIME PASSWORD	Generate and enter three consecutive one-time passwords (OTP): For event based tokens, simply generate and enter the OTPs from the token. For time based tokens, wait for the interval of the next OTP and enter that. Note: The tokens generated MUST be entered one after another (as they were generated) to be usable.
Ø SYNCHRONIZE	

Image 28: Synchronize TOTP Hard Token.

When you don't have the token with you, you can generate a URL and send it to the user of the out-of-sync token. The URL opens a page where the user can submit the three OTPs required for the synchronization.

Herd Token 6317655 - 962545390 settings Synchronization	USER & ACCOUNTS
For remote users you can generate below the sync URL copy and send it to them by email or other means of constants unit https://www.saaspass.com/sd/#/htsync/OayzBRhbUBrL6eIVcn7wgqXzwY0i68ku	•
1ST ONE-TIME PASSWORD 2ND ONE-TIME PASSWORD 3RD ONE-TIME PASSWORD	Generate and enter three consecutive one-time passwords (OTP): • For event based tokens, simply generate and enter the OTPs from the token. • For time based tokens, wall for the interval of the next OTP and enter that. Note: • The tokens generated MUST be entered one after another (as they were generated) to be usable.
2 SYNCHRONIZE	

Image 29: Generate URL for Hard Token synchronization.

The user can also synchronize a token anytime without needing the admin to generate a URL. In order to do that, a user should go to the <u>SAASPASS Hard Token Synchronization page</u> and enter the three OTPs plus the serial number displayed on the hard token.

HOTP HARD TOKEN CONFIGURATION

To set up the HOTP Hard Token, click the *Manage* button for the HOTP Token type previously added and listed in the tokens table under the "Hard Token Management" tab (Image 22).

When the Hard Token Management window appears, you will be able to edit the following settings:

- Token Serial Number.
- One-time password type (event based HOTP).
- Algorithm (SHA1, SHA256 or SHA512).
- Shared Secret value.

Hard Token 731254 - 032312943 Settings Synchronization	USER & ACCOUNTS
SERIAL NUMBER 731254 TYPE HOTP - SHA256	STATUS ACTIVE - No account assigned SAASPASS ID 032312943
ONE-TIME PASSWORD TOTP TOTP	ALGORITHM SHA1 SHA56 SHA512
SHARED SECRET (MUST BE IN HEXADECIMAL FORMAT)	0
SAVE CHANGES RESET	BLOCK FROM LOGIN DELETE TOKEN

Image 30: Edit HOTP Hard Token.

HOTP (EVENT-BASED) HARD TOKEN SYNCHRONIZATION

When Hard Tokens are event-based (HOTP), they generate one-time passwords only when prompted (usually by pressing the button on the token). Because it's up to the user how many one-time passwords to generate, it's easier for the token and the *SAASPASS* servers to become out of sync. When the token and *SAASPASS* are out of sync, the one-time password generated will not work.

When a token is integrated with *SAASPASS* for the first time, it must be synchronized. Locate the HOTP Hard Token in the tokens table under the "Hard Token Management" tab and click the *Manage* button and then navigate to the "Synchronization" tab.

Important: If the token goes out of sync, you will need to synchronize the token again.

When the synchronization window appears, generate three one-time passwords in a row, then submit. The token will be synchronized with the *SAASPASS* server.

Hard Token 731254 - 032312943 Settings Synchronization	USER & ACCOUNTS
For remote users you can generate below the sync URL copy and send it to them by email or other mean O GENERATE UPL	3
1ST ONE-TIME PASSWORD 2ND ONE-TIME PASSWORD 3RD ONE-TIME PASSWORD	Generate and enter three consecutive one-time passwords (OTP): For event based tokens, simply generate and enter the eXOTP from the token. For time based tokens, wait for the interval of the nex OTP and enter that. Note: The tokens generated MUST be entered one after another (as they were generated) to be usable.
2 SYNCHRONIZE	

Image 31: Synchronize HOTP Hard Token.

In case you don't have the token with you to generate the OTPs, you can generate a URL and send it to the user of the out-of-sync token. The URL opens a page where the user can submit the three OTPs required for the synchronization.

For remote users you can generate below the sync URL copy and send it to them by email or other mean	s.
1ST ONE-TIME PASSWORD 2ND ONE-TIME PASSWORD 3RD ONE-TIME PASSWORD	Generate and enter three consecutive one time passwords (OTP): For event based tokens, simply generate and enter the OTPs from the token. For time based tokens, woil for the interval of the next OTP and enter that. Note: The tokens generated MUST be entered one after another (as they were generated) to be usable.
Ø SYNCHRONIZE	

Image 32: Generate URL for Hard Token synchronization.

The user can also synchronize a token anytime without needing the admin to generate a URL. In order to do that, a user should go to the <u>SAASPASS Hard Token Synchronization page</u> and enter the three OTPs plus the serial number displayed on the hard token.

FIDO U2F TOKEN CONFIGURATION

In order to use the FIDO U2F token with *SAASPASS*, you must complete the token registration process specific to this type of token.

REGISTER FIDO U2F TOKEN

 Locate the FIDO U2F token in the tokens table under the "Hard Token Management" tab and click the *Manage* button. The Hard Token Management window will appear with the FIDO settings. Next, navigate to the "Registration" tab and plug in your FIDO U2F token and click the *Register Token* button as shown in Image 33.

SAASPASS		COMPANY MODE 🔻 🗘 CompanyDOO 👻
CompanyDOD / FIDO2 & Hard Tokens / Hard Token Management / Settings	5	Super administrator. support@saaspass.com Admin.guide FAQ 💽
Q Search		
< Pauline - 249440402 Settings Pagetration		USER & ACCOUNTS
SERIAL NUMBER Pauline	STATUS ACTIVE - No account assigned	
TYPE FIDO2 & U2F	SAASPASS ID 249440402	
AUTHENTICATION TYPE O QATH-HOTP Values OTP FIDO U2F		
SAVE CHANGES RESET		BLOCK FROM LOGIN DELETE TOKEN

Image 33: Register FIDO U2F Token.

 When a message appears that the registration has started, touch your FIDO U2F token. A new message should now appear that the registration has been completed successfully (as shown in Image 34).

SAASPASS	USER MODE 2 COMPANY MODE - CompanyDOO -
U2F Registration done successfully.	
Q Search	
< Pauline - 249440402	USER & ACCOUNTS
Settings Registration	
Device Registration	REGISTRATION STATUS Registered
authentication with the device before distributing the device to the intended user.	RE-REGISTER TOKEN TEST TOKEN
	Note: this token cannot be used for login to computer connector.
You can provide the registration email for re-registering this token. However, that will undo the current	registration and it will not be active until the next registration.
REGISTRATION EMAIL	Let User Register Device
	Provide the email address of the person you want to use this token.
RESET REGISTRATION AND SEND EMAIL	יטצר אווו אר מי הוישו אוויה ש וווא גם ובאסגר וווב מבארק.

Image 34: Successful FIDO U2F Token registration.

DELETE HARD TOKEN

Deleting Token will result in deleting the hard token device configuration in *SAASPASS* and deleting the Hard Token User. All user accounts currently assigned to this hard token will remain pending in the company (not assigned to any user and can be/should be assigned to another user/*SAASPASS* ID). To delete a hard token, go to the "Hard Token Management" tab and click the *Delete* button next to the hard token type you want to delete from *SAASPASS* (see Image 33).

🖶 FIDO2 & HARD TOKEN USERS	+ ADD FIDO2 & U2F TOKENS	+ ADD USB	NON - FIDO2 & U2F)	+ ADD TOTP & HOTP TOKENS
SERIAL NUMBER 🗢	TYPE T All	STATUS Ŧ ALL	SAASPASS USER ¢	ACTIONS
Q Search				
Yubico Test	YubiKey USB (non FIDO)	ACTIVE Has assigned accounts	663459512	MANAGE DELETE
5313745	HOTP USB Key	ACTIVE No account assigned	024421774	MANAGE DELETE
6317655	TOTP - SHA1	ACTIVE No account assigned	962545390	MANAGE
Pauline	FIDO2 & U2F	ACTIVE No account assigned	249440402	MANAGE DELETE
731254	HOTP - SHA256	ACTIVE No account assigned	032312943	MANAGE DELETE
5313745	HOTP USB Key	ACTIVE No account assigned	948261168	MANAGE DELETE
				Total records: 6

Image 35: Delete hard token.

Due to the severity of the delete operation, you will need to authenticate by providing an OTP or scanning the barcode, as shown in Image 36.



Image 36: Required identification for delete operation.

A message will be displayed when the token is successfully deleted, as shown in Image 37.

SAASPASS		USE	ER MODE 2 COMPANY MO	DE 🔹 🗘 CompanyDOO 🔹	
Token successfully deleted					
Q Search					
FIDO2 & Hard Tokens					
Each physical token slot (hard token, FIDO token, USB token physical token and the SAASPASS Mobile App it will count as	etc) you request is issued a SAASPASS ID 2 separate SAASPASS user licenses.	which counts as a user license s	eparate from the SAASPASS ID issue	rd to a SAASPASS Mobile App. If you issue a user a	
4 FIDO2 & HARD TOKEN USERS	+ ADD FIDO2 & U2F TOKENS	+ ADD USB (NON - FIDO2 & U2F)	+ ADD TOTP & HOTP TOKENS	
SERIAL NUMBER 🗢	түре 🔻	STATUS T	SAASPASS USER \$	ACTIONS	
ې Search	ALL	ALL			
Yubico Test	YubiKey USB (non FIDO)	ACTIVE Has assigned accounts	663459512	MANAGE DELETE	
5313745	HOTP USB Key	ACTIVE No account assigned	024421774	MANAGE DELETE	
Pauline	FIDO2 & U2F	ACTIVE No account assigned	249440402	MANAGE DELETE	
731254	HOTP - SHA256	ACTIVE No account assigned	032312943	MANAGE DELETE	
5313745	HOTP USB Key	ACTIVE No account assigned	948261168	MANAGE DELETE	
				Total records: 5	

Image 37: Hard Token successfully deleted.

HARD TOKEN USAGE

This section describes how and where to use the hard token to login. In *SAASPASS*, hard token login is supported in: the web portal, SAML applications web pages, and the desktop SSO and Computer Login screens in Windows connectors.

Hard Token login on SAASPASS Web Portal

Users can login from the web portal by clicking the *Hard/USB Token* button or they can go directly to the <u>FIDO2 / USB and Hard Token Login</u> physical token page.



Image 38: Hard Token login on web portal.

Next, they should pick the relevant token type: FIDO U2F Token, Non-FIDO USB Token (OATH HOTP/TOTP) or Hard Token (OATH HOTP/TOTP).

Also, users can check the "**Remember me**" box to avoid manually typing in their static credentials again.

SAASPASS		.
FIDO2 / U	SB and Hard	Token Login
FIDO2 & U2F Token	Non-FIDO USB Token	Hard Token (OATH HOTP/TOTP)
SAASPASS ID *		
SAASPASS ID , er	nail or mobile number	
Remember me	e	
	LOGIN	

FIDO U2F Token login on SAASPASS Web Portal

Image 39: FIDO U2F Token login on SAASPASS Web Portal.

Non-FIDO USB Token login on SAASPASS Web Portal

Choose the token type to login with your YubiKey:

- Yubico OTP (non-FIDO U2F) Token
- OATH-HOTP Token

FIDO2 & U2F Token	Non-FIDO USB Token	Hard Token (OATH HOTP/TO
SAASPASS ID *		
SAASPASS ID , e	mail or mobile number	
Remember n	ne	
One-Time Passwo	ord (HOTP/TOTP)	
	~ ! ?	
		3
	• tab	W E

Image 40: Non-FIDO USB Token login on SAASPASS Web Portal.

Hard Token login on SAASPASS Web Portal

SAAS	PASS			•
F	ID02 / L	JSB and Hard	Token Log	gin
FIDO	2 & U2F Token	Non-FIDO USB Token	Hard Token (OATH H	нотр/тотр)
	SAASPASS ID * 555555555 Remember n One-Time Passwe	ne ord (HOTP/TOTP)		
		LOGIN		

Image 41: Hard Token login on SAASPASS Web Portal.

Hard Token login on SAASPASS SAML Company Apps

Hard token users can login to the SAML Company applications for which the user has been provisioned by the company's administrator.

From the SAML webpage for the given application, users can login by clicking the *Hard / USB Token* button. The Microsoft365 SAML app is given as an example to describe the hard token login.

Next, select the relevant token type: FIDO U2F Token, Non-FIDO USB Token (OATH HOTP/TOTP) or Hard Token (OATH HOTP/TOTP).

SAASPASS		•
WELCOME TO MICROSOFT 365		Microsoft 365
SCAN		MANUAL
	OR	EMAIL Final Remember me ONE-TIME PASSWORD Login with Password SMS Users LOGIN GO TO SAASPASS FIDO & Hard Token

Image 42: Hard Token login on SAASPASS SAML Apps.

Hard Token login with SAASPASS Connectors

Login with hard tokens is supported with Windows *SAASPASS* Connector. There are two login points where hard tokens can be used for login with the connector. The first is the login in the Desktop SSO, and the second is the login on the *SAASPASS* protected screens. In order to access, hard token users must first be provisioned by their administrator to the Computer Login company application.

Important: The hard token login feature is supported only for the company user accounts for corporate usage and only on domain-bound computers. It is not supported for personal user accounts.

Hard Token login with Windows SAASPASS Connector

Using the Windows *SAASPASS* Connector, we enforce protection on: login screen and unlock screen. On each of these screens, login with hard token is supported for the hard token users that have been provisioned for the Computer Login application.

Important: Windows *SAASPASS* Connector only supports login with (HOTP/TOTP) Hard Token and Non-FIDO USB Tokens types (as YubiKey - Yubico OTP and OATH-HOTP). *Currently, login with FIDO U2F is not supported! It is on the roadmap and it will be supported within Q2 2023.*

Hard Token login on Main and Unlock Login Screens

On Windows systems, the hard token login process for both the login and unlock screens is the same.



Login from the Other User Tile

Image 43: Login with Token from Other Tile.

USB (Non-FIDO U2F) tokens:

Yubico OTP (non-FIDO U2F)

- Click the Other user tile displayed on the login/unlock screen.
- Enter your username in the first field.
- Enter your computer's password in the second field.
- From the third field click and choose USB Token.
- Click on the forth field titled "Computer Login Code".
- Plug in the USB key (Yubico OTP), and then press the small button on the token to login.

USB OATH-HOTP

- Click the Other user tile displayed on the login/unlock screen.
- Enter your username in the first field.
- Enter your computer's password in the second field.
- From the third field click and choose USB Token.
- Click on the forth field titled "Computer Login Code".
- Plug in the USB key (USB OATH-HOTP), and then press the small button on the token to login.



HOTP/TOTP Hard Token:

- Click the Other user tile displayed on the login/unlock screen.
- Enter your username in the first field.
- Enter your computer's password in the second field.
- From the third field click and choose Hard Token.
- Enter the one-time password generated on your hard token in the fourth field titled "Computer Login Code".
- Press enter or the login arrow to login.

*The username in the first entry field in the Other user tile can be written in two formats:

- Enter only the username. Example: Steve.Mills.
- Enter the domain and the username. Example: ROOT\Steve.Mills.



Login from User Tile



Image 44: Login with Token from User Tile.

USB (Non-FIDO U2F) tokens:

Yubico OTP (non-FIDO U2F)

- Click the User tile displayed on the login/unlock screen.
- Enter your computer's password in the second field.
- From the third field click and choose USB Token.
- Click on the forth field titled "Computer Login Code".
- Plug in the USB key (Yubico OTP), and then press the small button on the token to login.



USB OATH-HOTP

- Click the User tile displayed on the login/unlock screen.
- Enter your computer's password in the second field.
- From the third field click and choose USB Token.
- Click on the forth field titled "Computer Login Code".
- Plug in the USB key (USB OATH-HOTP), and then press the small button on the token to login.



HOTP/TOTP Hard Token:

- Click the User tile displayed on the login/unlock screen.
- Enter your computer's password in the second field.
- From the third field click and choose Hard Token.
- Enter the one-time password generated on your hard token in the third field titled "Computer Login Code".
- Press enter or the login arrow to login.

Hard Token login on Windows Desktop SSO App

On the Windows Desktop SSO app, users can login by filling out the *SAASPASS* ID or Email in the first entry field and for the OTP field, if you

have a USB token then you need to click in the OTP field, plug the token and touch its button so it will auto fill that field or if you are (TOTP/HOTP) hard token user fill out the OTP manually.



Image 45: Login with Token from Win Desktop SSO App.

For any questions, you can always contact us at: <u>support@saaspass.com</u>