

#### DAGANG NET'S: 30-MINUTES SHARING SESSION Awareness On Security Features Enhancement

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ATTENDANCE FORM

Nov'24 - Dec'24



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Overview

Security features enhancement refers to the process of improving and strengthening the protective measures within a system to mitigate risks, prevent unauthorized access, and safeguard against potential threats and vulnerabilities.



**Objectives** 

#### **Protection of Assets:**

Safeguarding valuable assets, including data and against unauthorized access.

#### Confidentiality:

Ensuring that sensitive information remains confidential and is only accessible to authorized individuals or entities.

#### Integrity:

Maintaining the accuracy, consistency, and reliability of data and resources by preventing unauthorized modifications, alterations, or tampering.

#### Authentication:

Verifying the identity of users attempting to access the systems to prevent unauthorized access and identity theft.

#### Authorization:

Granting appropriate access rights and permissions to authorized users based on their roles, responsibilities, and level of trust to ensure that they can only access the system necessary for their tasks.

#### **Compliance and Regulatory Requirements:**

Aligning security measures with industry standards & regulations.



What's New





#### What is OTP?

OTP means "One-Time Password." It's a unique code you use just once, usually sent to you via text message or generated by an app, to log into your accounts or verify transactions online. It adds an extra layer of security beyond your regular password.





What will happen in Nov 2024 Onwards?

Security Boost for DagangNet Services!

Get ready for enhanced protection when using DagangNet services. Here's what's changing:

#### **Given Stronger Logins:**

Note:

- U We are introducing OTP, and other security features to enhance protection against unauthorized access.
- OTP generates a unique, temporary code for added security.
- □ These features, along with others, strengthen our login security.
- **U** To help users prepare for this additional security, OTP is currently optional and can be enabled in the Profile page (requires an active email).
- **Given Starting 1 January 2025, OTP will become mandatory for all users.**
- Phased Rollout: These security upgrades will be introduced in stages to ensure a smooth transition for everyone. Stay tuned for updates on the specific cistes for each phase.
- **Multiple Services Covered:** This improved security will benefit various DagangNet services, including ESTA, ePermit, MyBilling, and more!





## Login Flow for New or Existing User for UP System

#### **OTP (Simplified) Flow**



### Login flow – UP System





#### Welcome to DagangNet

Sign in

This application has been certified to work well using latest CHROME (Version 35 and above)

Please ensure you are using the supported browsers. While the application may work using other browsers, we currently do not provide support for other browsers than the listed in the above.

### **User Provisioning**

A User Provisioning System

User provisioning offers a secure, efficient way to manage access while maintaining compliance and data security.

**Registration Now** 











Login Flow for New or Existing User for DNT Services (e.g. eSTA)

#### **OTP (Simplified) Flow**



### Login flow – ESTA





## User enabling OTP in Profile Page @ UP System



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#### upsecurity-stg.dagangnet.com.my/up/dnex\_app/index.html

	НОМЕ	
	<u>Settings</u>	
	<u>My Profile</u>	
1*	User Profiles	
ŭ	Jser Name	
	cahaya-user	Change user password
	Please enter all required fie	d if you want to change password.

Old password	Password	Confirm Password	
User ID Number 🕜 12345678	Full Name Tester Hello World	Email     Dept       nurul.afifah@dagangnet.com     null	
Designation Tester Designation			
Company ROC	Branch Id		
21341-К	21341-K_01	Enable MFA	
Telephone Number (office)	Telephone Number (mobile)	2	
12345678			
		-	
Assigned Assount	Assigned Dalas		

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User Name	

#### **User Profiles**

User Name				
siti-mcmc				
User ID Number 😢	Full Name		Dept	
911002025082	SITI ZULAIHA Z	To start configuring OTP, please click submit.	null	
Designation		<b>3</b> a		
ASST DIRECTOR				
Company ROC	Branch Id			
SKM	SKM_01	C Enable MFA		
Telephone Number (office)	Telephone Number (mobile)			
603-86888225				
Assigned Account	Assigned Roles			
				24
				30

24

#### **User Profiles**

User Name		
siti-mcmc	Change user password	
User ID Number 😮	Full Name	Email Dept
911002025082	SITI ZULAIHA ZOLKIFLI	wilda@dagangnet.com null
Designation		
ASST DIRECTOR		
Company ROC	Branch Id	
SKM	SKM_01	C Enable MFA
Telephone Number (office)	Telephone Number (mobile)	Please click to receive OTP in your email for email verification.
603-86888225		Send OTP 4
Assigned Account	Assigned Roles	
HOB06767	EBILLING END USER ×	
	STA PIA VERIFIER 🗙	
		Validate OTP
		5



User Name			
siti-mcmc			
User ID Number 🕜	Full Name	Email	Dept
911002025082	SITI ZULAIHA ZOLKIFLI	wilda@dagangnet.com	null
Designation			
ASST DIRECTOR			
Company ROC	Branch Id		
SKM		Enable MFA	
Telephone Number (office) 603-86888225	Are you sure you want to u	pdate this record?. You will be autologge	ed out on all SSO services.
Assigned Account			
HOB06767		and click Validate OTP to conti	inue
	STA PIA VERIFIER 6	2 8 5 0	1 1

SUBMIT

User Name			
siti-mcmc			
User ID Number 🕜	Full Name	Email	Dept
911002025082	SITI ZULAIHA ZOLKIFLI	wilda@dagangnet.com	null
Designation			
ASST DIRECTOR			
Company ROC	Branch Id		
SKM	SKM_01	Enable MFA	
Telephone Number (office)	Telephone Numbe	OTP by email setup is successful	
603-86888225			
		YES	
Assigned Account	Assigned Roles		
	EBILLING END USER A	and click Validate OTP to conti	nue
	STA PIA VERIFIER 🗶 🕇 7		
		2 8 5 0	1   1
		Validate OTP	
		Validate OTF	

SUBM



#### Welcome to DagangNet



This application has been certified to work well using latest CHROME (Version 35 and above)

Please ensure you are using the supported browsers. While the application may work using other browsers, we currently do not provide support for other browsers than the listed in the above.

### **User Provisioning**

A User Provisioning System

User provisioning offers a secure, efficient way to manage access while maintaining compliance and data security.

**Registration Now** 







## **Security Features Enhancement - First time**

DNeX





Welcome to the New Login Page - Accessing The System For The New / Existing User



YES

Welcome to the New Login Page - Accessing The System For The New / Existing User upse.dagangnet.com.my/up/login/verifyotp.html





# Thank You

## Members of DNeX Group **D** SealNet GEN $\Lambda$ XiS ide DAGANGNET









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## FAQ



No	Questions	Answers
1	What is OTP	• A secure mechanism for logging on to a network or service involves using a unique password that can only be used once. This ensures enhanced security by preventing unauthorized access even if the password is compromised
2	What should I do to receive OTP	<ul> <li>All services will require OTP for login. You need to make sure the email address are active and up to date</li> </ul>
3	Does OTP will expire	<ul> <li>Yes, the OTP is valid for use within 5 minutes upon receipt</li> </ul>
4	How many username can be use for single email address	<ul> <li>Multiple usernames can use one email to receive OTPs</li> </ul>
5	What if the updated email address is no longer use (to change details)	<ul> <li>You can update the email address from <u>https://upse.dagangnet.com.my</u> portal or contact our Careline for assistance</li> </ul>
6	Why do I need to set up OTP (One-Time Password)?	<ul> <li>OTP is a security feature that adds an extra layer of protection to your account by requiring a one-time password in addition to your regular login credentials. This helps prevent unauthorized access.</li> </ul>



No	Questions	Ar	nswers
7	When do I need to set up OTP?	•	OTP setup is required by 1 January 2025, for all accounts. After this date, OTP will be mandatory for logging in
8	How can I enable OTP for my account?	•	To enable OTP, log in to your account and go to the Profile page. Follow the instructions to complete the setup.
9	Do I need an active email to set up OTP?	•	Yes, an active email is required to enable OTP. Make sure your email address is up-to-date in your account settings.
10	What happens if I don't set up OTP by 1 January 2025?	•	Starting 1 January 2025, OTP will be mandatory for logging in. If you don't enable OTP by that time, you may not be able to access your account securely.
11	Will I receive an OTP every time I log in?	•	Yes, once OTP is set up, you will receive a one-time password each time you log in, which you must enter along with your regular password.
12	What should I do if I don't receive the OTP?	•	If you don't receive the OTP, check your email spam folder or ensure your email address is correct. If the issue persists, contact our support team for assistance.
13	Can I disable OTP after I set it up?	•	No, OTP is a required security measure. It cannot be disabled once activated, except by contacting support for account recovery.

## **Security Features Enhancement** FAQ - Services with Token for Epermit STA



No	Questions	Answers
1	What browser is compatible with CAPTCH and OTP for ESTA?	<ul> <li>Google Chrome (version 112+)</li> <li>Mozilla Firefox (version 114+)</li> <li>Microsoft Edge (version 112+)</li> <li>Safari (version 15+)</li> </ul>
2	What recommended browser to use with physical token for ESTA?	<ul> <li>Google Chrome (version 112+)</li> <li>Mozilla Firefox (version 114+)</li> </ul>
3	What should I do if the CAPTCH and OTP is not working with my browser?	<ul> <li>Please ensure you are using one our recommended browser as above</li> <li>Make sure the browser if up to date with the latest version</li> <li>Try to clear the browser cache and cookies</li> </ul>
4	Can I use CAPTCH and OTP on my mobile browser?	• Yes, with supported version of Google Chrome (Ver.114+)
5	Is there any browser setting for me to configure?	<ul> <li>If required:</li> <li>To enable Javascript</li> <li>To allow cookies</li> <li>To allow pop-ups and redirect</li> </ul>



No	Questions	Answers
1	Password Change websites	<ul> <li><u>https://www.mydagangnet.com</u></li> <li><u>https://upse.dagangnet.com.my</u></li> </ul>
2	How frequently do I need to change my password	<ul> <li>For security purposes, your password must be changed every 3 months</li> </ul>
3	Will I receive any reminders before the password change expiry	<ul> <li>Reminders will be triggered each time you log into the system, starting from 2 weeks before the password change expiry</li> </ul>
4	How often will I receive these reminders?	<ul> <li>Reminders will appear daily upon logging in until you change your password</li> </ul>
5	What occurs if I forgot to change my password	<ul> <li>If you forgot to change the password within 3 months, your username will be locked and unable to log in.</li> </ul>



No	Questions	Answers
6	What are the requirements for creating a password	<ul> <li>Your password must meet the following criteria:</li> <li>Contain a minimum of 8 characters</li> <li>Letters (uppercase or lowercase)</li> <li>Numbers</li> <li>Symbols</li> </ul>
7	Are there any specific rules for the characters in the password	<ul> <li>Yes, your password must contain at least one character from the categories of letters, numbers, or symbols to be valid</li> </ul>
8	Is there a preference for using uppercase or lowercase letters in the password	<ul> <li>No, you can use either uppercase or lowercase letters, or a combination of both, in your password as long as it meets the minimum length requirement and includes at least one character from the specified types</li> </ul>
9	How many login attempts am I allowed	• You are allowed a maximum of 6 login trials
10	What happens if I exceed the maximum allowed login attempts	<ul> <li>If you exceed the limit of 6 login attempts, your ID will be automatically suspended</li> </ul>



No	Questions	Answers
11	Will I be notified of the number of failed login attempts	Yes, the system will keep track of and count the number of failed login attempts cumulatively
12	What should I do if my ID is suspended due to too many failed login attempts	<b>Option 1</b> : If your ID is suspended, a pop-up message will prompt you to contact the Careline or request an administrator to reset your ID or password.
		Option 2: you'll need to reset your password using your administrator password. Follow the link provided in the error message to access the password reset page: <u>https://up.dagangnet.com.my/upcams/login/</u> and click sign-in For Option 3: refer next slides



No	Questions	Answers
	What should I do if my ID is suspended due to too many failed login attempts	<b>Option 3</b> : You can download the documents you need by visiting the support page:
		Go to this URL >> https://up.dagangnet.com.my/upcams/login/. On this page, click sign in and then click on "Support Page" to download following: https://up.dagangnet.com.my/upcams/login/, click sign-in & and click support page at below message : Get the Facts: Security Enhancement FAQ: Your Question Might Already Have an Answer, <u>click here</u> to download. Security Enhancement Awareness: Ensuring Your Security: Important Changes You Should Know, <u>click here</u> to download.
		Security Update Notification:         Image: Security Update Notificatio

## Security Features Enhancement FAQ - Dormant IDs



No	Questions	Answers
1	What is Dormant Username	<ul> <li>DORMANT USERNAME mean, the username have no login activity or unused</li> </ul>
2	How long will the username consider Dormant	<ul> <li>The username consider Dormant if no login activity and unused for 60 days and more</li> </ul>
3	Will I be notify for the Dormant Username	<ul> <li>Yes, you will notify by email if the username is Dormant</li> </ul>
4	How do I reactive my username	<ul> <li>You may simply login to the services with the mention username to reactive the username</li> </ul>
5	What if my username has been locked/suspended	<ul> <li>Use the link provided in the notification email to reset your username</li> </ul>
6	Will my account will be suspended	<ul> <li>No, your account will not be suspended, only the Username will be affected</li> </ul>



# Thank You







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