November 2022



# Client Connect User Manual: Hosting Services



Section	ı	Description	Page
1		Introduction	3
2		Logging in	4
3		Basic navigation	5
4		User Management for Client Connect	6
5		Hosting Services eServices List	7
6		Submitting Hosting Services eServices Request	8
	а	Maker	8
	b	Checker	9
	С	Email Notification	10
7		Hosting Services eServices	11
	а	Site Access Application	11
	b	Subscriber Registration and Change Registration	14
	С	Subscriber Move-In-Out	16
8		Hosting Services Remote Hands eServices	18
	Console comr Activity / Equi a	Console command input / Checking Equipment LEDs for Activity / Equipment Power Cycling	10
	a	Visual Inspection of Equipment / Visual Inspections of Equipment inventory / Visual Inspections via KVM	19
	b	In-rack packaging materials disposal	21
	С	Site Access Activity / Power Consumption Report	22
	d	Weekday Staging Services	23
	е	One-Time In-Rack Cable Patching	24
	f	Loopback Testing	25
	g	Cable Tracing / Equipment Labelling / Cable Labelling	25
	h	One-time Equipment and Component Installation, Replacement and Removal	26
9		Useful Information	28

# INTRODUCTION

#### **General Overview**

Client Connect aims to provide a single platform to unify all client access to HKEX services. Its primary objectives are:

- To enhance the HKEX service offering by digitizing the majority of paper-based services
- To simplify and enhance operational efficiency
- To prepare for future integration with other NextGen applications

Subscriber enrolled on Client Connect Portal can submit service request(s) to Hosting Services or manage user authorisation

#### Audience

This User Manual is intended to provide a quick insight for Subscriber to submit service request to Hosting Services to arrange Site Access Application, Remote Hands Services or update Subscriber contact

#### **Getting Started**

To enroll on Client Connect, Subscriber will need to fill in the Client Connect Delegated Administrator Rights Application / Maintenance Form ("G11 Form") accordingly and HKEX will process the dully completed form within 5 working days. G11 Form can be accessed from following linkage, <u>CCDA Rights Application / Maintenance Form (hkex.com.hk)</u>

Subscriber completed the CCDA application, can refer to following linkage for point to note about first time Client Connect login, <u>Getting Started For Client Connect</u>

If there is any question, Subscriber can reach out to clearingps@hkex.com.hk

#### Hosting Service Desk:

Hosting Service Desk will continue to serve our Subscriber as an alternative mean to submit Service Request in case if Client Connect is not available.

Submission of Service Request to Hosting Services can be done through email to <u>hsservicedesk@HKEX.COM.HK</u> or through Hosting Service Desk hotline on +852 2211 6080 or fax +852 2462 0722

2

# Logging In

For Client Connect log in, type in your registered email address and password and click on "LOG IN"

Website: https://connect.hkex.com.hk/

COOKIE POLICY This website uses cookies. Please refer to our <u>Privacy Policy</u> for further information. By continuing to use this website, you are cor	ssenting to the use of these cookies.
HKEX 香港交易所	User Login
WELCOME TO HKEX CLIENT CONNECT	Password LOG IN Forgot/Reset your password? >
	By logging into this website, you are deemed to have read and accepted the <u>Terms and Conditions for Client Connect</u> ( <u>last updated</u> on <u>06-Aug-2022</u> ), and to confirm that the individua((s) whose personal data is disclosed in the use of this application consent to the processing of their personal data in accordance with the <u>Privacy Policy</u> <u>Statement</u> .
	Unauthorised access and use are prohibited; HKEX reserves the right to take actions against offenders.

# **Basic navigation**

	Welcome, UM Last Login: 31-Oct-20 Notice	<b>@bnn.com</b> 31-0ct-3 22 1354 нкт — 🏷 🕅	28*	Q 🦸 🌐 EN	🗸 Chan Tai Man 🖌
Clearing - Clearing - Clearing - Participantuly Management - Chroniel Status	HEXT TO LOUGH TO Provide beth Below are the schedule 7 Aug 2021 HKT 08:00- HKEX to Launch O Learn more	er service to our customers, we d'mäintenances: -23:00 Options on HSI Futures a	enform system upgrade and maintenance regularly. During the schedulard period, Client Connect services will not be available. Should there be any inc d HSCEI Futures	onvenience caused, please acc	ept our sincere apologies.
tarket Data 🔹	Tasks Notifica	Company	ry Desci	(Long) Judicia Pater	Table Property
Connectivity Reporting	Lissencation	Participant ID TE Cleaning Cleaning H	uenais TEMB-0005048 - Remote Hands Service Requisition Form - One-time In-rack Cable Patching / Cable Tracing / Equipment Labelling / Cable Labelling	Last Update Date	Job Status
errvatives Trading ·	Remote Hends	B123456 TE Clearing Clearing H	Loopback Testing	27-061-2022	Draft
Operations	Remote Hands	B123456 TE Cleaning Cleaning H	TEMP_00005047 - Remote Hands Service Requisition Form - Site Access Activity Log / Power Consumption Report / weekkay staging sensee	27-Oct-2022	Draft
Participantship Management	Remote Hands	B123456	Equipment / Vaual Inspections via KVM / Vaual Inspections of Equipment Inventory in rach(s) / Console Command Input / In-rack Packaging Material	s Disposal	Draft
operations osting Services -	Shipment	B123456	TEMP_00005044-Subscriber Equipment more-in-out Form	27-Oct-2022	Draft
Service Request	Shipment Cha Assess	B123456 TE Cleaning Cleaning H	TEMP.00005N4-Subscriber Baupment movelin-out norm	27-001-2022	Dreft
. Maintenance	Dite Access	B123456	1879 _ JUUJ342 - Site Addets Application - rorm	27-0692022	Uriere Vieuv all I
Services Reporting CP-2					
nupe ha	HKEX CALEND ( Sun Mon 23 26	OCTOBER 202. Two Viad 27 28	WHATS ON         RESOURCE ARE           Tm.         Fm.         Sate         Happenings         Projects         Focus         Client Connect User N           Tm.         23         24         Strate or Application of Stock Options and Stock Futures under - Censing         Informativature - Censing	A	
	2 3 9 10 16 17 23 24	4 5 11 12 18 19 23 20	5         7         6         7         7         7         5         7         5         7         5         7         5         7         5         7         5         7         5         7         5         7         7         7         7         7         7         8         7         7         8         7         7         8         7         7         8         7         7         8         7         7         8         7         7         8         7         7         8         7         7         8         7         7         8         7         7         8         7         7         8	tory	
	30 31	1 2	Craders & Notices		

Upon logging into Client Connect landing page, Subscriber will be navigated to the dashboard as follow,

- 1. Left-side Navigation Menu with different eServices,
- 2. A list of Tasks pending Subscriber's action,
- Client Connect maintenance notification,
   Profile setting, Password Change & Sign Out,
   News & Resources from HKEX

# **User Management for Client Connect**

Client Connect Admin registered through G11 Form will be able to manage Client Connect user account by choosing "Manage Access Rights" on Left-side Navigation Menu under "Support"

Support
Manage Access Rights
DA Maintenance
eServices Reporting
ECP

Detailed step of user management is available through below linkage and Client Connect Admin can grant relevant authorisation to Client Connect user, Client Connect Functions will be in the following page.

#### Getting Started for User Management

After Client Connect Admin created any Client Connect User, Client Connect Admin **MUST** also submit a "HS002 - Subscriber Registration and Change Registration" request for the new Client Connect User.

Since Hosting Services will double verify any eServices submitted through Client Connect against Hosting Services Subscriber Registration. Any eServices submitted by Client Connect User who is not registered on Hosting Services Subscriber Registration will be returned to Subscriber's Maker.

# Hosting Services eServices list

Hosting Services eServices are available by clicking on the left side Navigation Menu

<b>日KEX</b> 香 港 交 易 所	Type of eService	eForms & related function assignment in user management
eServices	Site Access	HS001 (EU_HS_PPC, EU_HS_ACC)
Post Trade	request	Site Access Application Form
Clearing	Subscriber authorisation	HS002 (EU_HS_PPC)
Settlement & Depository	change	Subscriber Registration Form HS003 (EU HS PPC)
Participantship Management	Equipment move in-Out	Subscriber Equipment Move-In-Out Form
Technical Setup		HS004 (EU_HS_PPC, EU_HS_REQ)
Market Data		Remote Hands Service Requisition Form
Connectivity	Remote hands	Equipment Power Cycling / Checking
Reporting		Equipment LEDs For Activity / Visual Inspections Of Equipment / In-Rack
Derivatives Trading		Packaging Material Disposal
Operations		Remete Hende Service Requisition Form
Cash Trading	Remote hands	
Participantship Management		Site Access Activity Log / Power Consumption Report / Weekday Staging
Operations		Service HS006 (EU_HS_PPC, EU_HS_REQ)
Hosting Services		Remote Hands Service Requisition Form
Service Request	Remote hands	One time in rack Cable Patching / Cable
		Tracing / Equipment Labelling / Cable
Support DA Maintenance		HS007 (EU_HS_PPC, EU_HS_REQ)
eServices Reporting	Remote hands	Remote Hands Service Requisition Form
ECP-2		One-time Equipment And Component Installation, Replacement And Removal
Synapse		
FINI		

### **Submitting Hosting Services eServices Request**

*Client Connect requires Subscriber to have at least a <u>Maker</u> and a <u>Checker</u> registered for submitting Service Request authentication purpose, please refer to guideline: <u>3.2 User Management</u>* 

#### Maker Service Request Submission

For each of the eServices Form, after Maker filled in required information, Maker to click on "PREVIEW" at top section for Client Connect to verify if there is any mandatory information missing or click "SAVE" to save the Service Request in draft for later process

Home /		
	SAVE	PREVIEW
After the preview and no mandatory information missing, Maker can sub Request by clicking "SUBMIT". If Maker would like to modify or cancel the it can be done by clicking "EDIT" or "DISCARD"	mit the Se le Service	ervice Request,
Home /		
DISCARD	EDIT	SUBMIT

Maker / Checker have the option to input additional comment at the text box and click on "CONFIRM" to send the Service Request to Checker for authentication or Checker to return the Service Request to Maker, the comment will be shown through email notification.

	PLEASE CONFIRM TO PR	OCEED		
CATION	The record will be ready to send Any message to the next step u	l to HKEX. ser? (optional)		
Visitor				
Last Nar				iy Name
as		CANCEL	CONFIRM	

After Service Request submitted to Checker for authentication, Maker can click on "RECLAIM" if there is any information needing to modify, Maker can click "CLONE" to replicate information in the submitted Service Request for a new Service Request

Home /	
RECLAIM	CLONE

![](_page_7_Picture_10.jpeg)

#### Checker Service Request authentication

Checker can quickly view any pending Service Request at Client Connect landing page by clicking on "Tasks"

lassification	Company Participant ID	Details	Last Update Date	Job Status	
emote Hands	TE Clearing Clearing H B123456	TEMP_00005048 - Remote Hands Service Requisition Form - One-time In-rack Cable Patching / Cable Tracing / Equipment Labelling / Cable Labelling / Loopback Testing	27-Oct-2022	Draft	
emote Hands	TE Clearing Clearing H B123456	TEMP_00005047 - Remote Hands Service Requisition Form - Site Access Activity Log / Power Consumption Report / Weekday Staging Service	27-Oct-2022	Draft	
emote Hands	TE Clearing Clearing H B123456	TEMP_00005045 - Remote Hands Service Requisition Form - Equipment Power Cycling / Checking Equipment LEDs for activity / Visual Inspections of Equipment / Visual Inspections via KVM / Visual Inspections of Equipment Inventory in rack(s) / Console Command Input / In-rack Packaging Materials Dispose	27-Oct-2022	Draft	
hipment	TE Clearing Clearing H B123456	TEMP_00005044 - Subscriber Equipment move-in-out Form	27-Oct-2022	Draft	
hipment	TE Clearing Clearing H B123456	TEMP_00005043 - Subscriber Equipment move-in-out Form	27-Oct-2022	Draft	
te Access	TE Clearing Clearing H B123456	TEMP_00005042 - Site Access Application Form	27-Oct-2022	Draft	

Checker can click on any pending Service Request and access the details of Service Request, Checker to click on "CLAIM" to start the authentication process

500	01 SITE A	CCESS APPLIC	ATION FORM	I	
Refer	ence Num	ber: SF_HS01_00	013207 Stat	us: 24-Oct-2022 16:34 HKT Read +	■ Collaps
CC	OMPANY IN	FORMATION			+
AF	PPLICATIO	N DETAILS			-
Pa	rt A - Visito	r Information			
	Last Name	Middle Name, First Name	HKID/Pass port No.	Company Name	Ì
1	Chan	Tai Man	A123	XYZ	
4					

Checker to click on "CONFIRM" if there is no adverse comment on the Service Request details and Service Request will be send to HKEX for processing

REVERT	REFER TO			CONFIRM	RELEASE
HS001 SITE A	CCESS APPLICATI	ON FORM			

Checker can click on "REFER TO", if the Checker would like to assign the Service Request to another Checker for review; and if there is any comment on the Service Request, Checker can click "REVERT" to send the Service Request back to Maker

#### **Email notification**

There will be email notification after each process of Maker, Checker and HKEX, a sample of email notification as below,

From HKEX Client C	Connect <noreply_connect@hkex.com.hk> Tote Today 14:35</noreply_connect@hkex.com.hk>
HKEX Client Connect	
For reference: the eSe	rvice is Completed
Reference Number	SF_HS03_00012146
Workflow Status	Completed
Notification Type	For reference
Just Processed By	Willy_m So, HKEX
Require action from	Nil
Message from previous step	Service Request# 23112
To view the record, please Number (SE_HS03_0001)	e visit the HKEX Client Connect and search the Reference
You may visit the record to	o download a PDE version of the eService for reference if needed
▲ 洪 森 見 航	
E IE X 777 FII	us via link
Please do not reply this e-ma	il as this is system generated.
View the Terms and Condition	as of HKEX Client Connect

Aforesaid message input at "PLEASE CONFIRM TO PROCEED" during each process step will be shown per above high-lighted area, Hosting Service Desk will also advise Subscriber the Service Request# for Subscriber to work with data centre site team.

### **Hosting Services eServices**

#### HS001 Site Access Application Form

Click on "Service Request" on Left Side Navigation Menu and select "Site Access Application Form"

HKEX B # X R M	Welcome, Last Login: 31-	UM@ Oct-2022	bnn.com 31-0et-3022 Q 🦸 🖝 v Gra 1560 Hert 🔆 💯 28'	ın Tai Man	. 0
aternine	Home /				
Post Trade	Service	Req	uest		
Clearing					
Settlement & Depository	Site Reque	st U	ser Management		
Participantship Management	Classification	Id	Function	Format	Reference
Technical Setup	-				
Market Data	G Site Access	HS001	Site Access Application Form	(etamine)	
Connectivity	Shipment	H5003	Subscriber Equipment move-in-out Form	(-54-104)	
Reporting	Demote		Bannota Hannis Sansino Ban sinition Form - Environment Desair Curlier / Public Forument   ETIC for articlul / Visial Instantion of Environment / Visial Instantions of		
Derivatives Trading	Hands	H5004	neck(a) / Console Command Input/ Inmark Packaging Materials (Discont)	(Lanuce)	
Operations	Remote Hands	HS005	Remote Hands Service Requisition Form - Site Access Activity Log / Power Consumption Report / Weekdey Staging Service	(eterrite)	
Cash Trading	Pernote				
Participantship Management	Hends	HS006	Remote Hands Service Requisition Form - One-time In-rack Cable Patching / Cable Tracing / Equipment Labelling / Cable Labelling / Loopback Testing	(eper-ite)	
Operations	Remote Hands	H5007	Remote Hands Service Requisition Form - One-time Equipment and Component Installation, Replacement and Removal.	eService.	
Hosting Services					
Service Request					
Supert					
DA Maintenance					

#### Visitor Details – Visitor Information

Complete the Visitor Details with required information (First & Last Name, HKID/Passport No., Company name), multiple Visitors can be applied within same Services Request by click on "+ADD ANOTHER ROW"

APF	LICATION DETAI	LS		-							
Part	Part A - Visitor Information										
	Last Name	Middle Name, First Name	HKID/Passport No.	Company Name							
1	Chan	Tai Man	A123	BCC							
2	Chan	Siu Man	B123	ABB							
3	Chan	Middle Man	C123	ССР							
4											
	+ ADD ANOTHER ROW										

#### Visitor Details – Other Information

Complete the Other Information with details such as visit Rack No., date & time of access and tick the type of visit accordingly,

Part B - Other Information	
Granted-to-access Rack(s):	
A1234, A2234, A3234	
Access Period:	
From:	
01-Nov-2022 -	
Time:	
03:00	
To:	
01-Nov-2022 🗸	
Time:	
07:30	
Remark: Maximum access period is 2 weeks continously	
Please mark $$ in the appropriate checkbox	
*Normal access during trading day(s) (3:00a.m. to 7:30a.m.)	
Normal access during non-trading day(s) (Sat, Sun**)	
Emergency site access (Break-fix apart from normal access period)	
This Field is a required field.	
* Site access is not available the next trading day after public holiday	

\*\* Access end time of last Sunday is 19:30

![](_page_12_Picture_4.jpeg)

#### Visitor Details – Authorisation

Subscriber to click relevant check box(es) for authorising Visitor to perform specific task(s) at HKEX data centre. In case if parking reservation required, Subscriber to input the vehicle number at the "Vehicle number(s) for registration" box

Authorization:
Move-in
Package collection
✓ Hand carry
Move-out
(Prior notification is required for removal of any subscriber equipment from the Site)
✓ Temporary Storage
Purpose:
Routine checking/maintenance
✓ Network configuration changes
Event/test invited by HKEX
Declaration of carrying data storage device(s):
USB drive
✓ Laptop computer/tablet
Mobile phone
Other data storage device(s):
Request of car parking during site access to HDC (subject to space availability):
Vehicle number(s) for registration:
AA 4321

![](_page_13_Picture_3.jpeg)

#### HS002 Subscriber Registration and Change Registration form

Click on "Service Request" on Left Side Navigation Menu and select "Subscriber Registration and Change Registration Form"

HKEX 香港交易所	Welcome, UM@abn.com- Last Login: 01-Nov-2022 14:26 HKT	01-Nov-2022 <b>L</b> <sub>3</sub> $\bigcirc$ 20°			Q	📫 🌐 EN	🗸 🛛 ABN AMRO Cle 🗸	8
eServices	Home /							
Post Trade	Service Request							
Clearing								
Settlement & Depository	Site Request User Manageme	ent						
Participantship Management	Classification	Id	Function			Format	Reference	
Technical Setup				1				
Market Data 🔺	User Management	H5002	Subscriber Registration and Change Registration Form			eService		
Connectivity				-				
Reporting								
Derivatives Trading								
Operations								
Cash Trading								
Participantship Management								
Operations								
Hosting Services								
Service Request								
Charles and Charle								
Support DA Maintenance								
eServices Reporting								
Submission and Download								
ECP	HKEX							
	香港交易所			Contact   PAQ   Site Map   Site Maintenan	ce   Discla	imer   Hyperlink	Policy   Terms & Condi	uons

#### Point to note:

Subscriber's personnel can be assigned with different authorisation for submitting various type of Service Request or perform different functions as below,

Legend	Access Level	Description of the Access Level	Data Access, Correction & Update
PPC	Primary Point of Contact	For making change to the list of authorized persons, plus all rights of SPC, REQ, ACC , EMG, UAO and applying access for non-preregistered person.	Data access, correction and update of the list in future.
SPC	Specific Point of Contact	For security verification.	
REQ Make Request	Make Request	For any work to be undertaken within the Subscriber rack via Hosting Services.	Please note that your registered data
ACC	Site Access	For accessing the Site by this pre-registered person and apply access for other pre-registered person.	Please note that your registered data will be requested to retrieve by PPC for verification, correction and update in
EMG	Emergency Notification	For receiving notifications of scheduled and emergency maintenance/event(24 hrs.).	future.
UAO	Urgent Accessories Ordering	For urgent ordering of accessories.	

Client Connect Admin must submit HS002 to HKEX if there is any User's authorisation change raised on Client Connect

#### Managing Subscriber authorisation:

Subscriber to fill in relevant personnel information and choose at "Request Type" whether the personnel information is "New", "Update" or "Change" and tick different authorisation box(es) at "Access Level"

(nlease provide at least	1 PPC and 1 EMG	and he reminded of	f always maintaining an	undated list of regis	tered nersonnel
(please provide al least	I FFC and I ENO	and be reminded of	always maintaining an	upuated list of regis	lereu personnel)

Delegated Autho	orizer(s) (Chinese):		
Email Address:			
Phone No :			
country code	area code		
Mobile No.: (able	to receive SMS message)		
country code	area code		
Request Type:			
	~		

![](_page_15_Picture_4.jpeg)

#### HS003 Subscriber Move-In-Out form

Click on "Service Request" on Left Side Navigation Menu and select "Subscriber Move-In-Out Form"

HKEX B M X R M	Welcome, I Lest Login: 31-0	UM@  ct-2022	элл.сот <sup>31-</sup> 04-3022 1569.1467	an Tai Mai	~	B
	Home /					
Post Trade	<ul> <li>Service I</li> </ul>	Requ	uest			
Clearing						
Settlement & Depository	Site Request	t Us	er Management			
Participantship Management	Classification	Id	Function	Format	Reference	
Technical Setup	Co-					
Market Data	Site Access	H5001	Site Access Application Form	(staylige)		
Connectivity	Shipment	HS003	Subscriber Equipment move in-out Form	(=5e+++e		
Reporting	Dominto		Boosts Basic Paulo Revision Revision Revision Parlies / Provides Exclamat I SPc for validar / Heid Jacovitar of Exclamate Micro Management (With Management and Exclamate Instance)			
Derivatives Trading	Hands	H5004	rack(s) / Cansole Command Input / Invrack Packaging Materials Disposal	ejanijos		
Operations	Remote Hands	H5005	Remote Hands Service Requisition Form - Site Access Activity Log / Power Consumption Report / Weekstey Staging Service	(eterrite)		
Cash Trading Participantship Management	Remote Hends	HS006	Remote Hands Service Requisition Form - One-time In-ack Cable Patching / Cable Tracing / Equipment Labelling / Cable Labelling / Loopbeck Testing	(tiervist)		
Operations	Remote Hands	H5007	Remote Hands Service Requisition Form - One-time Equipment and Component Installation, Replacement and Removal.	(Service)		
Hosting Services	*					
Service Request						
Support DA Maintenners						

# Application details:

Subscriber to fill in the detail of name and service date, Subscriber must submit "Site Access Application" in advance and input the application number at "Service Request No."

Subscriber can only choose one of the "Equipment Movement" option at a time

APPLICATION DETAILS	-
Field Service Technician's Name:	_
Chan Tai Man	
Field Service Date:	
01-Nov-2022	
Service Request No.:	
44112	
Equipment Movement:	,
First Move-in Move-out Total Move-out	
Subscriber must read through the asknowledgement statement and tick the	

Subscriber must read through the acknowledgement statement and tick the acknowledgement box prior to submitting the box, the Service Request cannot proceed if not acknowledged

Field S	ield Service Technician's Acknowledgement					
	I acknowledge the above conditions and understand that each equipment can be moved-in and installed only if the electrical compatibility test and automatic transfer switch (ATS) changeover test are passed. HKEX Hosting will conduct the labeling for Subscriber's equipment on every Saturday 03:00hr – 07:00hr and Sunday 01:00hr – 06:00hr, Subscriber's Rack(s) will be accessed during the period.					

### **Hosting Services Remote Hands eServices**

Hosting Services offer a wide range of remote hands services, Services Request can be submitted through HS004 to HS007 eServices form. Subscriber should read the reminder under "NOTES" prior to submitting the Service Request.

HS006 REMOTE HANDS SERVICE REQUISITION FORM - ONE-TIME IN-RACK CABLE PATCHING / CAB LABELLING / CABLE LABELLING / LOOPBACK TESTING	BLE TRAC	ING / EQUIPI	MENT
Reference Number:	Status:	∃ Collapse	
COMPANY INFORMATION			-
From MRO MROO Clearing Hong Kong Limited As • Hosting Service (B123456)			
NOTES			-

After reading the reminder, Subscribers can input Date & Time for the Remote Hands service to be performed, HKEX will reach out if remote hands cannot be carried out at requested date or time.

REQUESTED ACTION DATE 8	TIME (IF	THE WORK IS TO BE PERFORMED ON A SPI	ECIFIC DATE AND TIME)	
Requested Action Date:		Requested Action Time:		
04-Nov-2022	-	03:35		

#### HS004 Remote Hands Service Requisition Form

HS004 covers seven types of remote hands services such as,

1. Equipment Power Cycling	2. Checking equipment LEDs for activity	3. Visual inspections of Equipment	4. Visual inspections via KVM
5. Visual inspections of equipment inventory in rack(s)	6. Console command input	7. In-rack packaging materials disposal	

HKEX B # Z R M	Welcome, Last Login: 31-0	UM@	ильсом 31-осн-2022 Болнат 🖄 🕫 28° Q 🗶 ⊕ БМ ∨ СК	an Tai Man	~ (	B
	Home /					
Post Trade	Service	Requ	Jest			
Clearing Settlement & Depository	Site Reques	t Us	er Management			
Participantship Management	Classification	Id	Function	Format	Reference	e
Market Data	Site Access	HS001	Site Access Application Form	(alaysiga)		
Connectivity	Shipment	H5003	Subscriber Equipment move in out Form	(6541-544)		
Reporting Derivatives Trading	Remote Hands	HS004	Remote Hands Service Requisition Form - Equipment Power Cycling (Disciong Equipment LEDs for activity / Voual Inspections of Equipment / Voual Inspections via KVM / Voual Inspections of Equipment Inventory in rack(s) / Console Command Input / Invescite Packaging Materials Disposal	(45arinite)		
Operations	Remote Hands	HS005	Remote Hands Service Requisition Form - Ste Access Activity Log / Power Consumption Report / Weekday Staging Service	(*Service)		
Cash Trading Participantship Management	Remote Hends	HS006	Remote Handu Service Requisition Form - One-time In-real: Cable Patching / Cable Tracing / Equipment Labeling / Cable Labeling / Loopback Testing	(cleves)		
Operations	Remote Hands	H\$007	Remote Hands Service Requisition Form - One-time Equipment and Component Installation, Replacement and Removal	(eService)		
Hasting Services Service Request	*					

#### HS004 Remote Hands Services item 1 - 6

Subscriber to choose from one of the Remote Hands services options and input the details for HKEX's reference of the equipment location or any specific action to be performed. Subscriber can submit multiple requests by clicking "ADD ANOTHER ROW"

C Equipment Power Cycling   Checking Equipment LEDs for activity Visual Inspections of Equipment
Visual Inspections via KVM 🔘 Console Command Input
Visual Inspections of Equipment Inventory in rack(s)
(information of equipment position, equipment model, equipment label, equipment s/n should be provided)
Rack No.:
A1234
Equipment Position:
23
Equipment Model:
INMXXXXX112
Equipment Label: (either labeled by Subscriber or HKEX Hosting)
12221
Equipment S/N:
eqq23111
Details of Action: (attach the detailed instructions if necessary)
Please see if there is red indication light

+ ADD ANOTHER ROW

Note: Equipment power cycling is not recommended to be performed during trading hours. If it is really required in emergency during trading hours, power cycling only toggling on/off switch will be provided while unplugging/plugging of power cords/plugs will not be processed.

![](_page_19_Picture_5.jpeg)

#### HS004 Remote Hands Services item 7

Subscribers can input details and to put on "Action" of what is to be disposed from the rack, Subscriber can submit multiple requests by clicking "ADD ANOTHER ROW"

Rack No.:
A2134
Position: (Rack U)
34
Action:

+ ADD ANOTHER ROW

![](_page_20_Picture_4.jpeg)

#### HS005 Remote Hands Service Requisition Form

HS005 covers three types of remote hands services such as,

1. Site Access Activity 2. Power Consumption Report 3. Weekday Staging Service

	Welcome, Last Login: 31-	UM@	bnn.com 31-0e1-3022 Q 🦧 👳 EN - Gra 15502Hart 🖄 🥰 28*	n Tai Man	~	B
sterrice	Home /					
Post Trade 4	Service	Req	uest			
Gearing						
Settlement & Depository	Site Reque	st U	ser Management			
Perticipantship Management	Classification	Id	Function	Format	Reference	
Technical Setup						
Market Data 🤞	Site Access	H5001	Site Access Application Form	elapice		
Connectivity	Shipment	H5003	Subscriber Equipment move in out Form	(eService)		
Reporting	Remote		Remote Hands Service Requisition Form -Equipment Power Cycling / Checking Equipment LEDs for activity / Visual Inspections of Equipment / Visual Inspections via KVM / Visual Inspections of Equipment Inventory in			
Derivatives Trading	Hands	H5004	rack(s) / Console Command Input / Innack Packaging Materials Disposal	eService		
Operations	Remote Hands	HS005	Remote Hands Service Requisition Form - Ste Access Activity Log / Power Consumption Report / Weekday Staging Service	(eferilie)		
Cash Trading	Pernote	_			_	
Participantship Management	Hands	HS006	Remote Hands Service Requisition Form - One-time In-rack Cable Patching / Cable Tracing / Equipment Labelling / Cable Labelling / Loopback Testing	(clayott)		
Operations	Remote Hands	H\$007	Remote Hands Service Requisition Form - One-time Equipment and Component Installation, Replacement and Removal	4547-108		
Hosting Services						
Service Request						
Second .						
DA Maintenance						

#### HS005 Remote Hands Services item 1 & 2

Subscriber can select the "Site Access Activity Log" and "Power Consumption Report" respectively or requesting both by clicking the option box(es) together with the details,

SITE ACCESS ACTIVITY LOG / POWER CONSUMPTION REPORT	-
☑ Site Access Activity Log	✓ Power Consumption Report
Rack No:	Rack No:
A1223	A2231
Period From:	Period From:
08-Nov-2022 🗸	14-Nov-2022 🗸
Period To:	Period To:
14-Nov-2022 🗸	14-Nov-2022 🗸

#### HS005 Remote Hands Services item 3

Subscriber can book HKEX staging room service by filling details at "Weekday Staging Service", Subscriber can submit multiple requests by clicking "ADD ANOTHER ROW"

WEEKI	DAY STAGING SERVICE				-	
Package	Package Master No. / SR No.: 23331 Total No. of Equipment: 2					
	Equipme	nt Brand Name	Equipment Model	Equipment	Serial No.	
1	IBM		X3600	abb1222		
2	НР		3650	HP11222		
			+ ADD ANOTHER ROW			
Others, p	please specify:					

![](_page_22_Picture_3.jpeg)

HS006 Remote Hands Service Requisition Form – One-Time In-Rack Cable Patching / Cable Tracing / Equipment Labelling / Cable Labelling / Loopback Testing

HS006 covers seven types of remote hands services such as,

1. One-Time In-Rack Cable	2. Cable Tracing	3. Equipment Labelling
Patching		

- 4. Cable Labelling
- 5. Loopback Testing

HKEX m m x m m	Welcome, UM@phn.com         31-0ct-2022         Q 催 @ IN          Chan Ta           Last Login 31 0ct 2022 15:02 HKT         次 弾 28*         Q         化 の の の の の の の の の の の の の の の の の の の	ii Man 👻 🙆
	Home /	
Post Trade	Service Request	
Clearing		
Settlement & Depository	Site Request User Management	
Participantship Management	Classification Id Function Fr	ormat Reference
Technical Setup	The second s	
Market Data	Site Access H5001 Site Access Application Form	a (112)
Connectivity	Shipment H5003 Subscriber Equipment mole-in-out Form	arrive)
Reporting	Benda Daniel Munde Statistics Daniel Statistics Community Charles of Phase Parties of Phase Phas	
Derivatives Trading	Hands Hende Hands Hands (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	artitie
Operations	Remate H0005 Benate Hands Service Regulation Form - Site Access Activity Log / Power Consumption Report / Weekday Stagling Service	
Cash Trading	a Dente	
Participantship Management	Hands H5006 Renote Hands Service Requisition Form-One-time In-Hald, Cable Patching / Cable Tracing / Equipment Labelling / Cable Labelling / Loopback Testing	47702
Operations	Remote 4 U007 Remote Hands Service Requisition Form - One-time Equipment and Component Installation, Replacement and Removal.	anios)
Hosting Services		
Service Request		

#### HS006 Remote Hands Services item 1

For One-time In-Rack Cable Patching, Subscriber must also select the options under "Cable will be provided by:"

ONE-TIME IN-RACK CABLE PATCHING / CABLE TRACING / EQUIPMENT LABELLING / CABLE LABELLING / LOOPBACK TESTING
One-time In-rack Cable Patching (Per 1 Quantity)
One-time In-rack Cable Tracing (Per 1 Quantity)
Equipment Labelling (Per 1 Quantity)
Cable Labelling (Per 1 Quantity)
Loopback Testing (Per 1 Quantity)
For In-rack Cable Patching: (Select the appropriate checkbox for the cable type and cable provider as follows) Cable will be provided by:
Subscriber and delivery schedule will be informed to HKEX Hosting as soon as possible
Subscriber and will be delivered to HKEX Hosting
Subscriber and could be found from package
Subscriber and could be found in rack
Ordered via HKEX Hosting (if not yet, reuired to order through BD well in advance)

#### HS006 Remote Hands Services item 5

For Loopback Test, Subscriber must also complete "Loopback locations", "Loopback module type" & "Loopback release date".

ONE-TIME IN-RACK CABLE PATCHING / CABLE TRACING / EQUIPMENT LABELLING / CABLE LABELLING / LOOPBACK TESTING
One-time In-rack Cable Patching (Per 1 Quantity)
One-time In-rack Cable Tracing (Per 1 Quantity)
Equipment Labelling (Per 1 Quantity)
Cable Labelling (Per 1 Quantity)
✓ Loopback Testing (Per 1 Quantity)
For Loopback Testing: (Select the appropriate checkbox for the loopback location, loopback module type and loopback release date as follows)
Loopback location:
✓ Fiber / UTP cable
Loopback module type:
Single-Mode LC loopback module / coupler
Multi-Mode LC loopback module / coupler
RJ45 loopback module
Loopback release date: (within 7 days after action date)
✓ Release in 7th day after action date
Release on

#### HS006 Remote Hands Services item 1 - 5

Apart from selecting the selecting related Service Request, Subscriber must fill in the A-End and B-End information for HKEX to carry out the services accordingly. Subscriber should take note of the remarks when filling in the details

	A-End (Source)	B	-End (Destination)	
Rack No.:	A0100	Rack No.:	Enter the rack no.	
Cable Type:	Single-Mode Fiber	Cable Type:	Select the cable type	~
Hardware:	Equipment	Hardware:	Select the hardware	~
Position (Rack U):	42U	Position (Rack U):	Enter the rack U	
Model No. / Label:	Cisco, A0100-42U-0001	Model No. / Label:	Enter the model no.	
Port Number/ ID / Label:	1	Port Number/ ID / Label:	Enter the port no.	
Connection Type:	LC	Connection Type:	Select the type	~
Diagrams / Photos attached for exact patching location:	Yes	Diagrams / Photos attached for exact patching location:	Yes / No	~
Additional instructions:		Additional instructions:	Enter the additional instructions	

HS007 Remote Hands Service Requisition Form – One-Time Equipment And Component Installation, Replacement and Removal

Click on "Service Request" on Left Side Navigation Menu and select "Remote Hands Service Requisition Form – One-Time Equipment And Component Installation, Replacement and Removal"

HKEX きょうの	Welcome, Last Login: 31-0	UM@	опп.com 31-0c1-3022 Q, <b>≰</b> ⊕ FN < Giu 1500/нат % ஜ 28*	an Tai Man 🖂	8
aternine	Home /				
Post Trade	Service	Req	uest		
Clearing					
Settlement & Depository	Site Reques	it U	er Management		
Participantship Management	Classification	Id	Runction	Format Refer	rence
Technical Setup					
Market Data 🖷	Site Access	H5001	Site Access Application Form	(etarolite)	
Connectivity	Shipment	H5003	Subscriber Equipment move-in-out Form	(election)	
Reporting	Remote		Remote Hands Service Resubilition Form - Equipment Reser Creting / Checking Equipment LEDs for activity / Visual Inspections of Equipment / Visual Inspections / Visual Inspections of Equipment / Visual / Visua		
Derivatives Trading	Hands	H5004	nack(s) / Cansole Command Input/ Invack Packaging Haterisis Disposal	(«Jaruos)	
Operations	Remote Hands	HS005	Remote Hands Service Requisition Form - Site Access Activity Log / Power Consumption Report / Weekday Staging Service	(eternite)	
Cash Trading 🔺	Remote	HS006	Bemote Hands Service Requisition Form- One-time In-rack Cable Patching / Cable Tracing / Equipment Labelling / Cable Labelling / Looplack Testing	[s[arrise]	
Participantship Management	Hends	112000		(0001100)	
Operations	Remote	H5007	Remote Hands Service Requisition Form - One-time Equipment and Component Installation, Replacement and Removal.	#Service	
Hosting Services					
Service Request					
Support					
DA Maintenance					

#### HS007 Remote Hands Services Form

Subscriber can choose according the actions required for the equipment

Equipment	Installation	Poplacomont
Lyupment	installation	Reptacement

- Equipment Removal
- Equipment Component Installation/Replacement
- Equipment Component Removal

# Subscriber to fill the information in the "Package(s) Delivery" to indicate the status of the equipment and choose related instructions

(Fill in all required details and sel	ect the appropriate checkbox)		
Requested Rack No.:	A1112	Total No. of Racks:	1
Package(s) Delivery:	<ul> <li>Package has been delivered to HKEX Hosting package no. is:         <ul> <li>22114</li> <li>Package will be delivered to HKEX Hosting</li> <li>Subscriber and delivery schedule will be informed to HKEX Hosting as soon at</li> <li>No package is required to delivery to HKEX Hosting</li> </ul> </li> </ul>	: possible	
Document of equipment / equipment component installation instructions:	<ul> <li>Work instructions of equipment / equipment component installation, replacer</li> <li>Work of instructions of in-rack cable patching</li> <li>Others, please specify</li> </ul>	nent and removal	

Subscriber must fill in "Quantity of Equipment & Accessories" of the equipment to take action with

Quantity of Equipment & Accesso	vries:
Equipment:	QTY     x1U / QTY     x2U / QTY     x4U / 1     xTower PC       Others, please specify       Enter the details
Pairs of Rail:	QTY     x1U / QTY     x2U / 2     x4U       Others, please specify       Enter the details
Power Cord:	QTY x BS1363 power plug / 4 x C13 power plug / QTY x C19 power plug
Network Cable:	QTY       x Single-Mode Fiber / 4       x Multi-Mode Fiber / QTY       x UTP-Straight /         QTY       x UTP-Cross Over         Others, please specify         Enter the details
Equipment Component:	QTY       x Network Interface card / QTY       x Cooling fan / QTY       x Power supply /         1       x Hard disk drive         Others, please specify         Enter the details
Others:	1       x Bag of Fixing Screws & nuts (1 bag of fixing screws & nuts is bundled with the subscription of a new rack)         QTY       x Hook & Loop cable ties for cable management

Subscriber should also fill "Position of the equipment & PDU sockets" to indicate the location of the equipment or component to take action with and if the equipment needing to plug in which position of PDU socket, Subscriber can submit multiple requests by clicking "ADD ANOTHER ROW"

	Rack Unit		Equipment Name	Environment Control No.	Power Status	Position of PDU Socket	
	From	То	Equipment Name	Equipment Senativo.	installation	Feed A	Feed B
1	34	38	IBX3214	778547	OFF 🗸	2	2

# **Useful information:**

#### GENERAL

- Client Connect general information on HKEX web site <u>Client Connect (hkex.com.hk)</u>
- 2. Client Connect User Manual on HKEX web site <u>Client Connect User Manual (hkex.com.hk)</u>
- Client Connect FAQ on HKEX web site <u>Client Connect (hkex.com.hk)</u>

For any inquiry regarding Hosting Services, please kindly contact our email & hotline as below:

Email: <u>hsservicedesk@hkex.com.hk</u> Hotline: (852) 2211-6080

### Hong Kong Exchanges and Clearing Limited

8/F, Two Exchange Square, 8 Connaught Place, Central, Hong Kong

hkexgroup.com | hkex.com.hk

info@hkex.com.hk T +852 2522 1122 F +852 2295 3106