



Chi-X Japan Colocation and Hosting Services Guide

Chi-X Japan

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Co-location and Hosting Services Guide Contents

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DOCUMENT HISTORY

ITEM	CHANGE	VERSION	CHANGE BY
1	Draft Copy	1.0	Samson Yuen
2	Revised Colocation Services section	1.1	Samson Yuen
3	Added note on Smart-hand Service in Installation and Support section	1.2	Samson Yuen
4	Updated Rack diagram Updated Installation and Support section with Remote-hand service	1.3	Samson Yuen
5	Added Data centre address in English	1.4	Samson Yuen
6	Modified "Access and Support" section to include details of remote-hand service	1.4.1	Samson Yuen
7	Updated for new agreement	1.5	Samson Yuen
8	Renamed to Co-location and Hosting Services Guide and added sections on Hosting Service	2	Samson Yuen

1 Introduction

This document is intended to summarize the design, technical setup and services of the Co-location Service (the Colo Service) and Hosting Service, offered by Chi-X Japan. Its target audience is those individuals who are responsible for analyzing, designing or implementing the participant's colocation or hosting setup at the Chi-X Japan premise.

2 Co-location Service

2.1 Co-location Service at a Glance

The Chi-X Japan co-location space will be adjacent to the space where Chi-X Japan hosts its primary production platform. The space is located at the below address:

〒135-0061 東京都江東区豊洲 6-2-15 9階 #C5 株式会社 アット東京 (@Tokyo)

At Tokyo Corporation, Toyosu 6-2-15, Koutou-ku, Tokyo, Japan 135-0061

The Service is offered in unit of full racks. Chi-X Japan will provide a full rack with power, air-conditioning and patch-panel for network connections.

Each full rack comes with

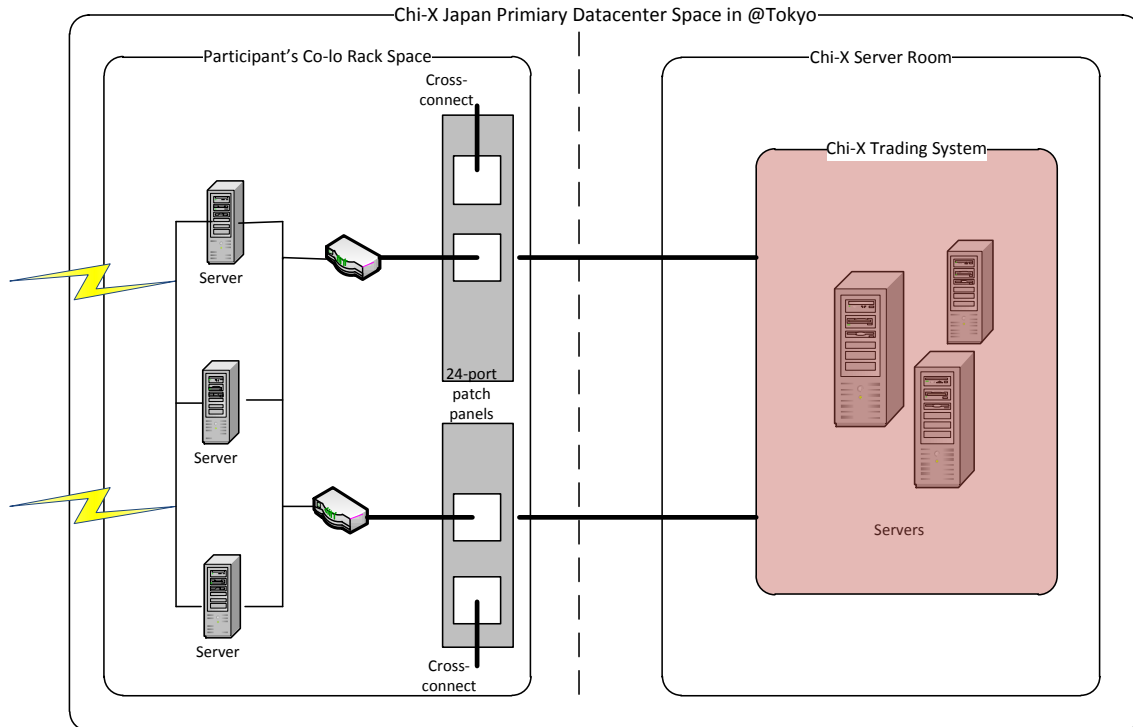
- Standard 100V 20A 3kVA power
- Two 24 RJ45 ports patch-panels
- Two connections for external telecommunication lines
- Two ports for connecting to Chi-X Japan trading system

The participant is responsible for procurement, installation and support of the Customer Colo Equipment for the rack, the telecommunication lines to the Licensed Colo Area, as well as network cabling within the rack.

Chi-X Japan will provide physical access to the rack for Authorized Colo Customer Personnel only for routine or emergency maintenance.

2.2 Co-location Connectivity

The diagram below details the connectivity of the Service, highlighting the demarcation points between Chi-X Japan and the participant.



The Service includes the following standard connectivity interfaces for one full rack:

- Two connections for external telecommunication lines
- One RJ45 port on each patch-panel or two SMF fiber cables (1000BaseLX LC connector) for connecting external telecommunication lines to the col-location rack
- Two ports for connecting to Chi-X Systems
- One RJ45 port on each patch-panel for connecting to Chi-X Systems (10/100/1000Base TX connection)

Available options for additional fees:

- Upgrade port for connecting Chi-X Japan trading system to SMF fiber cables (1000Base LX LC connector)
- Additional SMF fiber cables (1000Base LX LC connector) for connecting Chi-X Japan trading system
- Additional RJ45 port (10/100/1000Base TX) for connecting Chi-X Japan trading system
- Additional RJ45 port for connecting external telecommunication lines

- Additional SMF fiber cables (1000Base LX LC connector) for connecting external telecommunication lines

2.3 Rack Specification

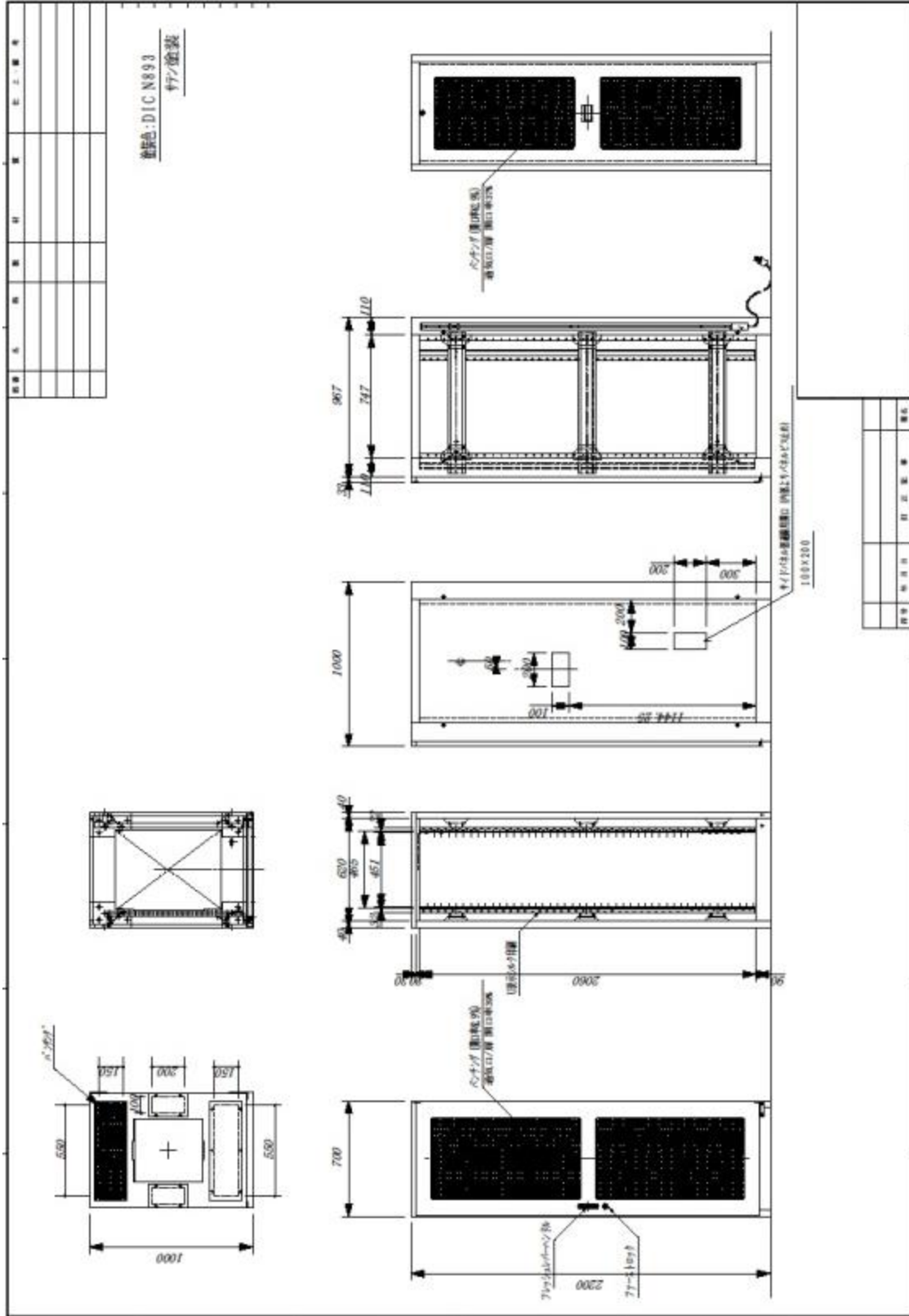
Dimensions of a full rack: W700 x D1000 x H2200, size: 42U

Please refer to the diagram on the next page for detail dimensions

Every full rack comes with standard 100V / 20A power. Max power output is 3kVA.

Available options for extra charge:

- 200V / 20A power
- Max power output higher than 3kVA



2.4 Customer Colo Equipment and Deliveries

The Customer is responsible for selecting, ordering, purchasing and arranging for delivery of the Customer Colo Equipment to the Data centre.

Notice of deliveries should be given to Chi-X at least **two (2)** Business Days in advance of their arrival at the data centre by submitting an email to jp.market.operation@chi-x.com with the following information:

Date of delivery

Time of delivery

Courier

The Customer Colo Equipment contained in that delivery

The delivery should be labelled in the following way:

ATT:

Customer Name

C/O @ Tokyo

At Tokyo Corporation, Toyosu 6-2-15, Koutou-ku, Tokyo, Japan 135-0061

The Customer must be at the data centre to accept delivery. Any deliveries not pre-authorized or arriving when the Customer is not present will be rejected.

After the installation, Chi-X will organize the cabling from the Customer Colo Equipment to the Chi-X Systems including the Chi-X PTS. The cable remains the property of Chi-X and Chi-X reserves all rights in relation to the cable including the rights to move, maintain and replace it.

the Customer is responsible for removing from the data center such items as boxes, manuals and unused parts that come with the server.

Chi-X reserves the right to re-locate Customer Colo Equipment to a different area within the Chi-X Area or to an alternative data centre if the data centre is no longer available or appropriate.

2.5 Access

Access to the Licensed Colo Area will only be granted to Authorised Colo Customer Personnel and they must at all times be accompanied by a Chi-X representative and comply with the Agreement. Up to 2 ID cards are free. There is a charge by the data center for every additional card.

Access should be requested at least one (1) Business Day prior to the required entry time by registering with Chi-X the date and time requested for access, rack(s) to be accessed and name of the Authorised Colo Customer Personnel. In the event of an emergency Chi-X will work with the Customer and the Third Party Providers to schedule access as soon as possible. Co-location space access hours are anytime except 07:00–18:00 on Business Days.

Chi-X will confirm to the Customer the access date and time. If the Customer becomes aware it can no longer make the confirmed access date and time or it would like to change the nominated Authorised Colo Customer Personnel the Customer must notify Chi-X as soon as possible.

2.6 Support

The Chi-X Colocation Service also includes the following remote support services:

- Ten (10) cable patches (including cable) per month per rack
- Two (2) remote-hand operations per month per rack. Remote-hand operations* supported are:
 - Server power on/off
 - Server LED confirmation
 - Cable re-plugging

Additional services in excess of this may be charged to the Customer at the rates set by the data centre.

For more details, please contact Chi-X Japan Client Service.

*Detailed operating procedures as per data center specification must be provided by the customer.

3 Hosting Service

3.1 Hosting Service at a Glance

- The Chi-X Japan hosting service space is located in the same area where its Colo Service is located. (See 2.1) The purpose of this service is for hosting customer devices such as network switches and servers, and is offered in units of 1U.
- Each 1U package comes with:
 - Standard 100V 20A power; 2 power sockets for redundancy.
 - Two (2) connections with cables for external telecommunication lines from the demarcation point to the patch panel at the hosting rack.
 - Two (2) connections with cables for connecting to Chi-X Japan Trading System
 - One (1) smart-hand service request per month.

3.2 Hosting Service Connectivity

Customer is responsible for arranging and procuring the connectivity up to the demarcation point at Chi-X. Chi-X is responsible for the connection from the demarcation to the Customer Hosting Equipment and from that equipment to Chi-X Trading System.

For each 1U package, the customer is provided with 2 physical connections into their device.

3.3 Equipment Delivery and Installation

Customer is responsible for procuring and configuring the device to be hosted and arranging for delivery to Chi-X datacentre. Chi-X, after taking delivery of the equipment, will rack and connect the equipment as agreed with the customer. Customer should be present and must sign off after the installation is completed.

3.4 Access

Customer is not granted physical access to their hosted device. Access may be granted on a case by case basis in exceptional circumstances such as repair or replacement of Customer Hosting Equipment.

3.5 Smart-hand Service for Hosting Service

Smart-hand service offered by Chi-X Japan covers standard tasks such as racking/de-racking of the device, visual examination of the devices, turning on/off power and cable patching. Any other tasks must be agreed upon by the Customer and Chi-X Japan.

When requesting a smart-hand service task, the customer must follow the below procedure:

1. Contact Chi-X Market Operations with information regarding the device and the task details to be carried out, and any other essential information that Chi-X deems necessary to complete the task.
2. Chi-X will then confirm in response the estimated time required to carry out the task.
3. After completion of the task, Chi-X will notify the customer of the status as well as the actual hours worked.

4. If the request is chargeable, Chi-X will send the customer an order form.

Smart-hand service operation will only be carried out in non-trading hours of 16:00 – 22:00 during weekdays, and 09:00-17:00 during weekends. Except in emergency cases, smart-hand requests must be submitted 24 hours in advance.

Pricing

Please refer to the Payment Schedule.

Contacts

For any inquiries, please contact Chi-X Japan Client Service at jp.client.service@chi-x.com