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## **Decided to build an advanced datacenter optimizes overall corporate systems in Inzai City, Chiba Prefecture ~ Scheduled launch of spring 2022 service ~**

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SCSK Corporation (Head Office: Koto-ku, Tokyo; Representative Director, President and Chief Operating Officer: Toru Tanihara; hereinafter SCSK) decided to construct 10th new datacenters in Japan, netXDC Chiba 3<sup>rd</sup> Center (SI3), in Inzai, Chiba.

In the Spring of 2022, SCSK plans to start providing services as a datacenter that brings advantages to businesses in terms of connectivity (network connectivity) with various cloud services, submarine cable landing stations, data centers in metropolitan areas, and so on, and achieves overall system optimization. SI3 is built adjacent to the existing Chiba Center 2 (SI2) netXDC and is the 3<sup>rd</sup> datacenter in Inzai location. The total floor space of all SCSK datacenters is approximately 95,000 m<sup>2</sup> which is one of the largest in Japan.

### **1. Background**

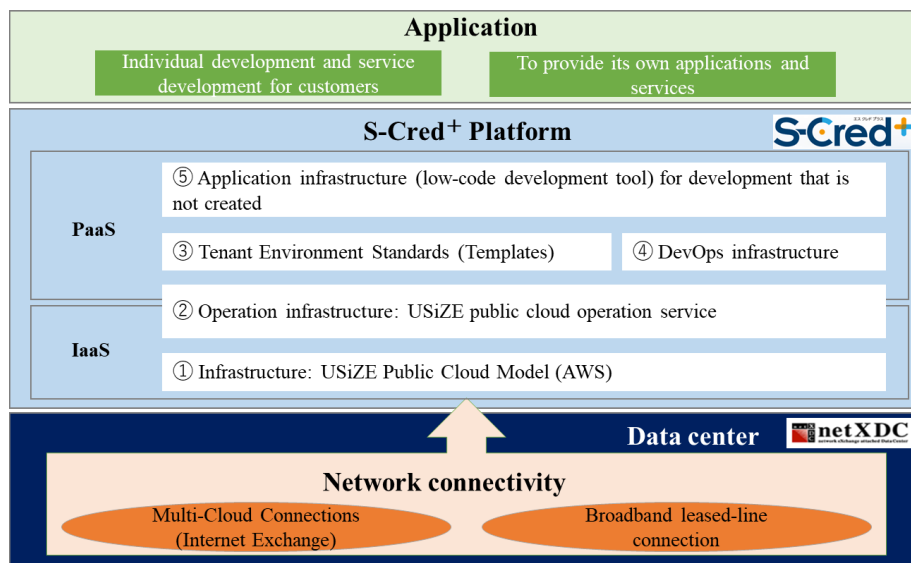
Many companies aim to transform their businesses through co-creation that transcends industry and industry boundaries, and have begun efforts to utilize advanced digital technologies needed to realize DXs such as IoT, AI, and 5G. In addition, in the work style reform of the new normal era in with-corona, the digitization of business and the normalization of remote work are progressing, and an IT environment centered on a datacenter including the cloud is required. In corporate systems, SoR (Systems of Record) is required to be safe and flexible, SoE (Systems of Engagement) is required to be advanced and rapid, and the ease, speed, and confidentiality of data coordination between SoR and SoE will become increasingly critical in the future.

With these backgrounds, there is a growing need for datacenters that not only provide data security, but also provide connectivity with various types of clouds that integrate various types of data, as well as operational capabilities. SCSK decided to build a new datacenter to meet its needs.

### **2. Purpose • Objectives**

Since 2001, netXDC has been used by many customers as Sier datacenters that enable IT to solve corporate issues and improve value. In particular, Inzai Campus has been a flagship service center since the beginning of the datacenter business, and is operating important corporate systems.

SI3 that will be built on the Inzai Campus will improve the network connectivity of S-Cred<sup>+</sup> (e´ s kre´ d plAs) platform, a proprietary development and operation platform that SCSK began using on a company-wide basis in April 2020, and contribute to the development, operation, and overall optimization of enterprise systems in a multi-cloud environment.



Datacenters that improve the network connectivity aspects of S-Cred<sup>+</sup> platform

### **3. Features of netXDC Chiba 3rd Center (SI3)**

#### 1) Location (Inzai City)

Inzai City, Chiba Prefecture is now branded as a mecca of datacenter “INZAI” and is a popular area from abroad. One of the reasons for attracting attention is that the hazard risk is low, such as the damage caused by a disaster or flood, the convenience of about one hour by train from Tokyo and about 30 minutes by train from Narita International Airport, and the short distance between Chiba Province's Southern Boso area and Ibaraki Province's north area with the submarine cable landing station, which has advantages in terms of communication quality and cost.

#### 2) High network connectivity

SCSK collaborates with a variety of companies to improve the network connectivity of netXDC Inzai Campus. In 2019, as the tenth center of BBIX, Inc., SCSK began providing multi-cloud access services (such as AWS and Microsoft Azure) as a base for connecting to the Internet Exchange (IX) and the cloud services. In 2020, ARTERIA Networks Corporation expanded its leased line connection facilities to connect up to 100Gbps with landing offices, local DCs, and others. SCSK will further expand our network services by the beginning of SI3 services.

#### 3) Environmental Considerations

SCSK will minimize PUE※1 by adopting high-efficiency equipment aimed at reduction of environmental load and by improving the efficiency of operations. SCSK Group are promoting energy efficiency as one of the activities that utilizes natural energy with a view to SBT ※ 2 certification.

Of the 17 targets in SDGs, SCSK Group will consider the environment by contributing to "7: all energy and clean"

and "13: specific measures against climate change."

※ 1 PUE: Power Usage Effectiveness. One of the indicators for measuring energy efficiency in datacenters and other IT-related facilities

※ 2 SBT: Initiatives to require companies to set reduction targets consistent with scientific knowledge to keep global mean temperature rising

#### **4. Reference Information**

##### **■ Outline of netXDC Chiba 3rd Center (SI3)**

Location	Inzai City, Chiba Prefecture
Site area	Approx. 32,201㎡
Total floor space	Approx. 13,000㎡
Scheduled time of completion	March, 2022
Building	No basement, 7 floors above ground, 2 floors utility building, SRC seismic isolation with vertical vibration control
Power Supply Equipment	Main line spare line 2-system power receiving Generator: N+1 redundant configuration with 72 consecutive hours of service UPS: Flexible design for modifying redundant configurations on a per-room basis
Cooling equipment	N+1 redundant configuration (can be optionally expanded to N+2 configuration)
Number of racks	1600 racks
Total power capacity	20MW

##### **■ What is "netXDC"**

netXDC is a datacenter services operated by SCSK Corporation, which began offering services in 2001. Currently, the large-scale flagship datacenters established at seven locations nationwide and in each of the Kanto and Kansai regions have been highly evaluated for their robust facilities to ensure business continuity and for their full security utilizing the latest technology, which has been used by a large number of customers.

See here for more information on <https://www.netxdc.com/eng/>

##### **■ What is " S-Cred<sup>+</sup> Platform"**

Building Innovation Platform : S-Cred<sup>+</sup>, which combines SCSK's technologies and methods. In SoR environments, SCSK will improve quality, productivity, and continuity through "Development without creation", "Automated construction and operation", "Intellectual property usage", and "Standardization". In SoE environments, SCSK will adapt cloud-native application development, agile development, and DevOps to respond quickly and flexibly to customer business changes.

See here for more information on <https://www.scsk.jp/product/s-credplus/index.html>

### ■ **SCSK's Sustainability Management**

SCSK Group promotes "Sustainability Management" that aims to achieve sustainable growth together with society by solving social issues through its businesses. Among the various issues facing society, SCSK Group considers them particularly important, and has formulated priority issues as Seven Material Issues. This initiative contributes to the " Global Environmental Contributions ".

- Environmental impact reduction initiatives

SCSK Group Specifies Seven Material Issues for Implementing Its Corporate Philosophy

[https://www.scsk.jp/ir\\_en/news/2020/pdf/20200428\\_2e.pdf](https://www.scsk.jp/ir_en/news/2020/pdf/20200428_2e.pdf)

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