



# NetSkateKoban Nano®

## Case Study : Kokuno Clinic, Medical Corporation



“ Introduced when replacing the hospital network. Blocking unauthorized access to wireless LAN helps prevent information leaks.”



### SUMMARY:

NetSkateKoban Nano® was deployed to

- Strengthen network security
- Protect the important personal information in the hospital
- Automatically block unauthorized access to the network
- Provide a sense of security and protection

We asked Dr. Shinichiro Kokuno, Director and Chairman of Medical Corporation Kokuno Clinic (hereinafter referred to as Kokuno Clinic), about the background and impact of introducing **NetSkateKoban Nano®**.

### Deployed to bolster network security

— When did you find out about **NetSkateKoban Nano®**?

In order to revamp the hospital's medical system, we consulted with our sales partner who maintains our IT infrastructure and decided to replace the medical receipt computer that creates medical fee and the network.

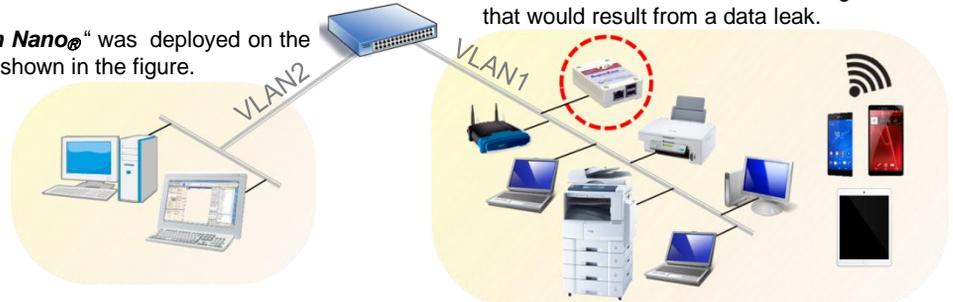
This was in April 2015. At that time, our sales partner suggested to adopt **NetSkateKoban Nano®**. Which, they said, would bolster network security.



— Could you tell us about the overhauled network and the **NetSkateKoban Nano®** system?

The hospital network is segregated into two VLAN segments. One VLAN segment is for PCs used for administrative tasks like my own computer, and the other VLAN segment is for specialized medical care, such as receipt computers and EMR (electronic medical records).

“**NetSkateKoban Nano®**” was deployed on the main network as shown in the figure.



### To protect the hospital's important personal information

— What made you decide to introduce **NetSkateKoban Nano®**?

We decided to introduce **NetSkateKoban Nano®** after consideration of the following points.

#### 【Enhanced Security】

Previously, we had placed a **Fon** router in the waiting room of the hospital and made the access point available. However, incidents of information leaks have become more common in the media, we were concerned about it too as there are many important personal information in our system. We had not paid much attention to network security, so we wanted to take measures when we replaced the system.

#### 【Hassle Free】

As same with network construction, the sales partner took care of everything from installation to operation and maintenance. There was nothing to do at our end.

#### 【Low Cost Solution】

Although there were initial and monthly running costs involved in the introduction of **NetSkateKoban Nano®**, it was not enough to impede the operation of the clinic. We considered it is a low cost when we considered the cost and effort involved in the damage and loss of trust that would result from a data leak.

### — Was the deployment smooth?

After installing **NetSkateKoban Nano**, we registered the devices that are allowed to connect to the network (whitelist registration). After two or three adjustments from the initial settings, the setup was complete in about a week. This alone will ensure a safer and comfortable network environment as before. Of course, everything from installation to configuration could be delegated to our sales partners.

### Unauthorized access to the network is automatically blocked

### — Please tell us your current evaluation after deploying **NetSkateKoban Nano**?

Having deployed **NetSkateKoban Nano**, we have come to appreciate the following points.

#### **[Robust security]**

When I bought a new tablet and tried to connect it to the network, it didn't connect. This is not surprising, since a white list registration is required. I appreciate that the security is robust. In fact, it's so robust that, at times, I think the security is a bit too strict.



#### **[Mail notification for unauthorised access]**

If there is any unauthorized access to the clinic's network, the system will notify the sales partner's representative by email. If something happens, our sales partner will rush down to the site immediately. So, we have a sense of assurance.

### — Was there any unauthorized access?

<From our sales partner>

Actually, since the installation of **NetSkateKoban Nano**, we have been receiving frequent alert emails. All of this is related to unauthorized access to the hospital's wireless LAN. If the intruder doesn't know the password, **NetSkateKoban Nano** will not react. So, in other words, if you receive an alert email, it means that "Someone has cracked the password and has hacked into the hospital's wireless LAN".

Even if you set a password, anyone with a little knowledge can still get into your network. But, I didn't expect it to be so numerous. Of course, **NetSkateKoban Nano** not only notifies you of such unauthorized accesses by email, it can also block the unauthorized access itself. Moreover, **NetSkateKoban Nano** can even detect IPv6 communications and automatically block them. I really feel that this is a major step in preventing information leaks.

### There is a "Sense of security that We are protected"

### — Has your network environment changed since using **NetSkateKoban Nano**?

**NetSkateKoban Nano** has a reporting function, and we check it together with our sales partner about once every three months. It's really scary to look at the unauthorized access logs listed in the report. At the same time, just the assurance that **NetSkateKoban Nano** is watching gives a sense of security.

By installing **NetSkateKoban Nano** we can appeal on our hospital's website that "All measures are taken in our hospital network". I would definitely recommend this to my colleagues and doctors I know.

### — What are your expectations for the future?

Kokuno Clinic will continue to contribute to local medical care by utilizing the latest medical information and technology through IT.

We hope that our sales partner and Cyber Solutions Inc, the developer of **NetSkateKoban Nano**, will continue to provide support for us through their excellent products, technical capabilities, and proposal capabilities. I thank them for their continuous support.

<From our sales partner>

**NetSkateKoban Nano** helped us understand that unauthorized accesses is a reality. I have found that **NetSkateKoban Nano** is a very effective security measure, so I would like to introduce it to our clients more and more from now on.



#### Profile of Medical Corporation Kokuno Clinic

Dr. Shinichiro Kokuno, from Shinjo City, Yamagata Prefecture, returned to Shinjo in 1999 after leaving the university's medical department, and opened a clinic there. With the motto of "We are a small clinic, but we provide cutting-edge medical care that is comparable to that of large hospitals", we strive to contribute to local medical care by constantly catching up on the latest medical information through the Internet and academic journals. In 2007, he opened the "Hot Shinjo Day Service Center" and in 2008, and he opened the "Hot Shinjo Home Care Facility". Dr. Kokuno is also deepening collaboration between medical care and nursing care.

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Interviewer: Customerwise

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