

Axis network cameras help with child psychiatry treatment at North Karelia Central Hospital.

Effective solution unique in child psychiatry that successfully supports work with patients.



Organization:

North Karelia Central Hospital

Location:

Joensuu, Finland

Industry segment:

Healthcare

Application:

Remote monitoring and real-time images

Axis partners:

Hällström, Milestone

Mission

The Child Psychiatry Clinic at North Karelia Central Hospital and Honkalampi Center in Joensuu, Finland, needed a camera and recording system to use videos in child psychiatry research and treatment in a practical and reliable way that was also safe for patients. This material was also intended for the nocturnal care of sleeping difficulties experienced by infants and small children. The clinic workers and data administration experts were looking for a solution with high image quality cameras that clearly display images taken in the dark and which are flexible and easy to use.

Solution

The IT and security consultant company Hällström designed a solution and installed Axis network cameras together with the Milestone XProtect® software. The Axis network cameras met the requirements for high image quality in the dark and for flexibility and ease of use. Image material management can be carried out in a centralized way.

The hospital personnel can simultaneously view image material from several cameras and thus see both the actions of the parents and the child's facial expressions.

Result

The Child Psychiatry Clinic at North Karelia Central Hospital and Honkalampi Center has received an effective solution that is unique in child psychiatry and successfully supports the work with patients. There are a total of eleven fixed and two mobile cameras at the Child Psychiatry Clinic.

The solution is a good example of how network cameras can be used for many other applications besides ensuring safety and security. Good experiences with the cameras have made other hospitals consider the implementation of similar solutions.

“The good results have made other hospitals consider the implementation of similar solutions. A similar system will be delivered to the Pori Central Hospital in the Satakunta Hospital District.”

Jyrki Hällström, Hällström Ltd.

Treating sleeping difficulties

The Child Psychiatry Clinic at North Karelia Central Hospital and Honkalampi Center in Joensuu, Finland, has for several years also been treating families whose children have sleeping difficulties and whose parents have difficulties dealing with them. The families have been offered a treatment period with a total of six nights in ward conditions at the hospital.

Previous studies have indicated that video recordings are an important tool in treating problems in parent-child relationships, and they have been used at the Child Psychiatry Clinic, particularly during nocturnal treatment periods. When the clinic moved to a new facility, high image quality cameras that clearly display images taken in the dark, and were flexible and easy to use were sought for the new clinic.

AXIS P5534 PTZ Dome and AXIS P3346 Fixed Dome Network Cameras along with the Milestone XProtect® Professional software and Shure Professional microphones were installed at North Karelia Central Hospital. AXIS P5534 PTZ Dome Network Cameras have HDTV image quality and 360-degree panning, which means that details can be seen clearly when zooming in for a close-up. AXIS P3346 Fixed Dome Network Cameras have HDTV image quality and multi-view streaming, which means that image streams and general images from zoomed targets can be viewed simultaneously. In addition, Hällström also installed Milestone's XProtect® Smart Clients with a Finnish-language user interface.

Qualitative video material in the dark

Axis network cameras meet the requirements for high image quality in the dark and for flexibility and ease of use. Image material management can be carried out in a centralized way from a computer. The staff dealing with the family can use recordings to simultaneously view the image material from several cameras and thus see the actions of the parents and the child's facial expressions.

The Child Psychiatry Clinic at North Karelia Central Hospital and Honkalampi Center currently has an effective and unique solution with eleven fixed and two mobile cameras, enabling the nocturnal care for families with infants and small children as well as other working methods related to work at the clinic, through the use of video material.

The solution is a good example of how network cameras can be used for many other applications besides ensuring safety and security.



HÄLLSTRÖM

