

Axis moves a maternity ward to IP at Alès-Cévennes.

Axis network cameras are reassuring new mothers in the neonatal ward at the Alès-Cévennes medical center.



Organization:
Centre Hospitalier Alès-
Cévennes (CHAC)

Location:
Alès, Languedoc-
Roussillon, France

Industry segment:
Healthcare

Application:
Safety and security

Axis partner:
NaturalPad

Mission

With more than 26 beds total, the CHAC maternity ward has 6 neonatal beds. Over the years, the staff realized that separation after birth was always difficult and could complicate the parent-child relationship.

Solution

Cameras were installed in the neonatal ward to assist in the bond between mother and baby. Previously visible from a shared workstation, the images can now be seen on multimedia terminals in each room.

Result

Recent studies have shown that with this system, called BbOnline, mothers who could see their newborns on a screen produced more milk than if they were isolated. Statistics also showed that the milk was of better quality. Further development is planned to allow the baby to hear its mother's voice.

“When we look into components, we always choose what looks to us like the best on the market. Since Axis Communications had already equipped our old hospital, it only made sense to revive the partnership. Today’s network camera systems’ flexibility and scalability provide a lot of advantages over analog video. Fast, easy integration and equipment that met specifications were crucial factors in choosing Axis.”

Philippe Laurent, IT manager at CHAC.

A maternity ward with cutting edge technology

In 2006, the old hospital at Alès had installed cameras in the neonatal room to address the mothers' lack of contact with their babies. At the time, the images were sent to the mothers on a PC via a secure network. Management moved the maternity ward to a new location where all beds are now equipped with multimedia terminals whose screens provide access to telephone services, TV, wifi Internet and new services, including images of the babies in the neonatal ward.

The solution was well received – teams found the system very simple and effective. Axel Kahn, head of research at INSERM and former director of the Cochin Institute, designed this innovative, high-performance system himself,” explains Philippe Laurent, IT manager at CHAC.

Cameras bring mother and child closer

First, using the NaturalPad integrator and CHACH, tests were conducted with an AXIS P1346 camera. Now the facility is equipped with four AXIS P1346 cameras turned toward the mothers' rooms in the maternity ward. Through this system, called BbOnline, cameras allow mothers to get to know their babies on screen from the first hours after delivery, making separation less difficult.

One mother says: “The delivery went well, but at birth, Marie showed respiratory distress. She was taken immediately to the neonatal ward for care. Thanks to this screen, I got to know my baby’s face, I saw her move, and I saw that she was very much alive. This reassured me enormously and made separation less difficult. I felt I was with her. I could see her room, the people who took care of her, and I saw how she reacted to the care. This supplemented the photos and explanations my partner brought me. I didn’t feel as jealous of Dad.”

“Her big brother had a cold and couldn't visit her. With me, he could see her on the screen, which was fun and reassuring to him. I could phone to get explanations, know why she was crying... Most of all, I could see her day and night.”

The maternity ward had tests performed as part of a year’s research showing that mothers who could see their child on a screen produced more milk than an isolated mother. Furthermore, the milk is of better quality, of a richer composition than that of a mother who cannot see her child.

“Axis Communications cameras keep parents in visual contact with their newborns hospitalized in the neonatal ward. They are a tool that assists the bonding process. Thanks to collaboration with the nursing teams, we have pinpointed the next possible developments, such as voice functionality to allow mothers to speak, view and sing their love to their babies,” says Philippe Bénard, sales engineer at Axis Communications.

About NaturalPad – <http://naturalpad.fr>

NaturalPad is devoted to the health sector and uses digital tools to assist healthcare processes. An expert provider to hospitals and health personnel, NaturalPad also helps develop applications and solutions integrating new information and communication technologies with the latest interactive devices.

About Centre Hospitalier Alès-Cévennes (CHAC) – www.ch-ales.fr

France’s first hospital to meet High-Quality Environmental standards, the Alès-Cévennes hospital center meets ambitious challenges in quality of services and sustainable development. The anchor of a medical district, the hospital has an 810-bed capacity and is spread across several sites. The center is a human-sized organization employing nearly 1,500 professionals with a wide range of specialties. It is accredited by France’s National Authority for Health.

About Axis Communications – www.axis.com

Axis offers intelligent security solutions that enable a smarter, safer world. As the global market leader in network video, Axis is driving the industry by continually launching innovative network products based on an open platform - delivering high value to customers through a global partner network. Axis has long-term relationships with partners and provides them with knowledge and ground-breaking network products in existing and new markets. Axis has more than 1,600 dedicated employees in more than 40 countries around the world, supported by a network of over 65,000 partners across 179 countries. Founded in 1984, Axis is a Sweden-based company listed on NASDAQ OMX Stockholm under the ticker AXIS. For more information about Axis, please visit our website www.axis.com.



Centre HOSPITALIER
Alès-Cévennes

