Dubai Autism Center: Forging a responsible and long-term social partnership.

Axis supports the special needs school with their latest audio solutions.

Organization:
Dubai Autism Center

Location:
Dubai, United Arab Emirates

Industry segment:
Education

Application:
Broadcasting, safety and security

Axis partner:
MVP Tech

Mission

Founded in 2001 and under the patronage of His Highness Sheikh Hamdan Bin Mohammed Bin Rashid Al Maktoum, Crown Prince of Dubai, Dubai Autism Center (DAC) is a non-profit organization based in Dubai (UAE) dedicated to improving the quality of life for children with autism and their families. Autism Spectrum Disorder (ASD) is a complex and lifelong neurological developmental disorder and usually affects the person's verbal and non-verbal communications as well as imaginative play and social skills. ASD transcends social, cultural and geographic boundaries and according to recent studies, one out of every 68 children is affected by ASD. DAC currently has 60 students (from 19 nationalities), 83 staff, 42 special educators, 12 OT therapists, 9 speech therapists, 5 community services, 34 classrooms, 2 training rooms and 3 speech labs.

DAC's mission is to successfully integrate children with Autism into the community through their holistic approach to intervention and therapies, together with their focused efforts to create social awareness about autism.

Solution

Dubai Autism Center moved to a new four story facility and were on the lookout for an audio solution for general announcements, paging and for emergency drills. The new building provides DAC with advanced amenities including speech therapy rooms, training center, outdoor & indoor play areas, swimming pool, gym, teacher lounge and an admin office space. They needed a system which they could operate as a single and segmented unit. They would also be using it for playing music in the guest lobby, or making announcements directed at staff moving around in the building.

Result

Axis recommended the newly launched AXIS C2005 Network Ceiling Speaker for indoor and AXIS C3003-E Horn Speaker for outdoor requirements. Axis speakers make audio smart and easy, and open a wealth of new possibilities. The speakers are perfect for background music and for live and scheduled announcements, among their many features. Axis partnered with MVP Tech for this project to handle the integration.

AXIS COMMUNICATIONS

For Axis Communications, social responsibility is a cornerstone of its sustainability work. Axis takes long-term social responsibility for how its operations impact employees, shareholders, partners, suppliers, end users, the public and other important target groups. The company's social responsibility includes corporate social responsibility where Axis contributes to charity and sponsors local, as well as global initiatives.

Dubai Autism Center and Axis audio solutions
Axis' network-based audio systems are easy to install. And because they're based on open standards, they're easy to integrate with other systems. The high-quality audio systems are perfect for background music and announcements in stores and other settings.

AXIS C2005 Network Speaker
AXIS C2005 is a complete high-quality audio system in a single unit. There's no need for an amplifier, mixer, digital signal processor, streaming functionality, microphone or power supply because they're all built-in. And because it's preconfigured, you don't have to be a sound expert to set it up. In other words, AXIS C2005 simply works – and sounds great – right out of the box. Plus, a built-in auto speaker-test function means you can be confident it will keep on working. AXIS C2005 connects to your existing IP network and is powered over a single PoE cable.

Since AXIS C2005 is a network solution, it can be combined into a flexible and scalable system where it is easy to add or remove speakers in an instant. By creating zones to address a number of speakers at the same time, it is possible to direct different background music, or live or scheduled announcements, as well as control and change the volume for each unit individually and simultaneously.

AXIS C3003-E Horn Speaker
AXIS C3003-E Network Horn Speaker is a simple-to-install outdoor loudspeaker that provides clear, long-range speech for remote speaking in video surveillance applications. In live video monitoring situations, AXIS C3003-E enables an operator to remotely address people and deter unwanted activity.

The loudspeaker can also play a pre-recorded audio file when it is manually or automatically triggered in response to an alarm event. It easily integrates with video management software (VMS) that support two-way audio and with Voice over IP (VoIP) telephony systems that use SIP. The outdoor-ready AXIS C3003-E is easy to install on walls, ceilings and poles. The loudspeaker has a built-in amplifier and supports Power over Ethernet (PoE). It connects directly to an IP network with one network cable for communication and power. Despite its low power consumption, AXIS C3003-E enables a high sound pressure exceeding 121 dB. Being a standalone unit, AXIS C3003-E can be placed anywhere, enabling a flexible, scalable and cost-effective approach to system design.

AXIS T8516 PoE+ Network Switch
AXIS T8516 PoE+ Network Switch is an easy-to-install network switch optimized for surveillance solutions, that comes with a unique web graphic user interface with topology for easy overview and management of all devices in the system. It is a perfect complement to Axis recorders such as AXIS Camera Station S10 Series.

AXIS T8612 SFP Module LC.SX
AXIS T8612 SFP Module LC.SX is a small form-factor pluggable (SFP) transceiver that supplies network devices, such as a switches or routers, with a fiber optic network connection. It is industrial grade with a wide temperature range (between -40 °C to 65°C), and it includes loss of signal feature that enable network redundancy.

AXIS Camera Station S1016 Mk II Recorder
An out-of-the box ready workstation validated for reliable high-definition surveillance, AXIS S1016 MkII is preloaded with all necessary software and preconfigured to minimize installation time.

MVP Tech
Axis partnered with MVP Tech for installation, integration, cabling, racks and other consumables. MVP Tech is a leading security and IT systems integrator present across multiple markets, providing turnkey solutions to regional and international industry leaders.