Cirque du Soleil chooses the Blulog temperature monitoring solution

Cirque du Soleil is one of the leading entertainment companies in the world, whose shows have been watched by more than 180 billion of people worldwide. It faces every day serious logistics and technical challenges that impact the entire spectacle. One of the major solutions that facilitate the successful functioning of the shows is the temperature monitoring system provided by French-Polish company Blulog.

It was in 1983 when a group of artists from Quebec received the first government grant, allowing them to perform at the 450th anniversary of Canada's discovery. It was the biggest national event since the Olympics in Montreal, where the innovative shows and ideas of artists were welcomed. At this occasion, the creative and very well planned tour of artists was considered the brightest point of celebrations. One of the important factors influencing the warm welcome was the fact, that the troupe didn't engage animals.
The circus was becoming more and more popular and by the end of 80s' it was already well introduced also in the American marke. It is for instance worthy mentioning that celebrities such as Madonna, Michael Jackson and Sylvester Stallone were among the first watchers of the show. It was the respect and applause of celebrities that opened the door to international, worldwide success.

Giant of the entertainment industry

During its 35 years of work, Cirque du Soleil has become a multinational company, hiring around 4,000 employees (staff members and artists) from 50 countries. The shows have been watched by more than 180 billion of people in more than 400 cities located all over the world and the founder, Guy Laliberté was included in the TOP 100 of the most powerful people in the world, statistics presented by *the Times*.

The extraordinary, almost inhuman skills of artists are not the only factor allowing to maintain the highest quality of performances every day of work. The success of the company is impacted also by the very good planning, logistics processes in place, and the use of innovative technological solutions that automatize certain processes.
One of the aspects that needs special attention is the optimal temperature of the local, where the show is performed.

- We were looking for a solution that could allow us to easily monitor the temperature and humidity of the specific environment in the hall where we perform or in the circus tent. The areas where it was especially important to control the parameters, were: the top of the tent, due to the proximity of reflectors, the locals where our artists are warming up and the areas where the staff members are working - this way we care about their shape and health - explains Scott Haxton, the Kooza show Director.

Real-time monitoring from their mobile phone

It had been several months that Managers of the Kooza show performed by Cirque du Soleil were looking for an automatized system that could allow them to monitor remotely the temperature and humidity in the above-mentioned areas. The solution was provided by Blulog: miniature and wireless data loggers were installed easily, their use did not require any additional training. It was important especially because of the fact that the team using the system can change from one city to another. All they need to access the current and historical data, is any device connected to the Internet and in particular managers from the Kooza show have real time access on their mobile phones.

- Moreover, the data loggers measure parameters with 0,2 °C precision for the range +0 - 30°C and 0,5°C for the rest of the range (-30 - + 70°C or -40°C - + 60°C depending on the version), and the data are uploaded to a secure database. SMS or email alerts are sent in case of any anomalies, allowing to react quickly – **describes Jérémy Laurens, CEO of Blulog.**

The system responded very well to the expectations and needs, there are plans to enlarge it, by installing more data loggers. The next areas to be equipped with the technology are the light operating platforms or the locals with audio amplifiers.