

Machu Picchu



BOSCH

Invented for life

Industry:

Entertainment

End User:

Machu Picchu

Machu Picchu is situated on a mountain ridge above the Urubamba Valley in Peru which is 80 kilometres northwest of Cuzco and through which the Urubamba river flows. It is one of the most familiar symbols of the Inca Empire and is often referred to as the "Lost City of the Incas". The Incas started building it around AD1430. However, it was abandoned as an official site for the Inca rulers a hundred years later at the time of the Spanish conquest of the Inca Empire. Machu Picchu was declared a UNESCO World Heritage Site in 1983.

Business Objective:

The central objective was to improve the monitoring system with images from inside the site and to achieve more security for the tourists. It was also necessary to enhance the control of the recently implemented electronic ticket system that allows access to the location and at the same time to generate trust and security in the almost 2.000 of tourists that daily visit the important tourist destination.

Solution:

The total solution that was provided by Bosch for the Machu Picchu World Heritage Site consists of video surveillance. For this project it was considered necessary to install VIDOS software for the site monitoring because in combination with VIDOS clients, it enables users to manage and operate complex client/Server applications. VIDOS Server ensures that these mission critical applications use full server redundancy to maintain extremely high levels of reliability.

The AutoDome 300 PTZ cameras were installed to enhance the security of tourists. These cameras are perfect for this site because they can zoom into hilly areas because of their high flexibility in movement. It is also a day and night camera with a wide dynamic range that offers a perfect surveillance of the whole site especially at night. Finally, clear image reproduction is possible in extreme high-contrast environments.

Another type of cameras which was installed was the NWC-0455 Dinion IP camera. Dinion imaging technology meets the most demanding security and surveillance requirements. The camera supports video surveillance the best way because of the high resolution which is especially important near the site entrance. In case problems occur the visitors can easily be identified.



Result:

The CCTV system of Bosch is installed in different areas of the Machu Picchu and offers the best video surveillance solution for the site.

The National Institute of Culture from Cusco purchased the modern optic fiber security system and the video surveillance equipment to maintain total control over the access to the popular archeological site and at the same time provide safety to the tourists.

"The new technology adoption is not an alternative, it is the only solution capable of contributing to the technological support" explained us the regional director of INC Cusco.

Installed by:

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