

## Axis helps Huaneng Cascade Hydropower Stations upgrade to IP-Surveillance.



Organization:  
China Huaneng Sichuan  
Baixinghe Power  
Corporation

Location:  
Sichuan, China

Application:  
Utilities

Application:  
Remote monitoring

Axis partner:  
Beijing Videocomm  
Electronics Technology  
Co., Ltd.

### Mission

Located at western edge of the Sichuan Basin, the 144km-long Baoxing River has a water energy reserve of 1.555 million KW, and features 19 cascade power stations reaching an annual production of 5 billion KWH. Sichuan Baoxinghe Power Corporation was looking for a solution to manage the cascade hydropower stations centrally from its head office, that would integrate easily with the existing IT infrastructure and fire alarm system.

### Solution

Analog cameras were already installed at the power stations, which showed limitation in terms of integration and remote access possibilities. In order to protect existing analog investments while meeting the requirements

for new capabilities, Sichuan Baoxinghe Power Corporation decided to upgrade its analog CCTV system to IP using Axis video encoders.

### Result

By integrating easily with the IP network and the fire alarm system, Axis video encoders have provided the company with powerful centralized management of all surveillance points, thus enabling smooth remote management and quick response to any incident that may happen in the hydropower stations. Sichuan Baoxinghe Power Corporation can now remotely monitor the power stations from any connected computer anytime, anywhere, and scale the system easily in the future.



"We are impressed with the high quality and reliability of the Axis equipment, which can run stably in severe environments such as the sites of our hydropower stations."

Yang Youjun, Vice General Manager, China Huaneng Sichuan Baoxinghe Power Corporation.