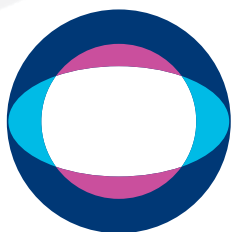


The key to the success of this project is the ability to transmit high quality video images over large distances with minimum bandwidth requirements. IndigoVision's technology is field-proven and easily met the criteria. It has also provided us with a system that can be simply scaled up when new plants are added in the future.

Ing. Juhani-Michael Haider,  
Project Technician at Verbund



**IndigoVision**

Complete IP Video Security Solutions  
[www.indigovision.com](http://www.indigovision.com)



## Hydroelectric Power Plants, River Danube, Austria

IndigoVision's IP Video technology is providing remote monitoring for Verbund Group hydroelectric power plants along the River Danube in Austria. Verbund is the largest power generation company in Austria and derives over 90% of its generating capacity from renewable hydro power. Previously all power plants and facilities were monitored by local analogue CCTV systems with continuously manned control rooms. Within 5-6 years Verbund plans to convert all 88 hydroelectric power plants and over 40 transformer stations to centrally monitored facilities using an IP Video infrastructure supplied by IndigoVision.

This innovative IP Video solution was designed by IndigoVision's local partner C&C Salzgeber GmbH, and currently encompasses 3 of the 9 hydro plants along the River Danube network. The central command centre for the Danube network is located at the Vienna Freudenau plant and is connected to the other plants via a 2Mbit WAN with transmission distances of between 30 and 300Km.

IndigoVision's advanced compression technology ensures that the Command Centre staff can view CCTV images that are indistinguishable from analogue while minimising network bandwidth.

**Case Study**