



CASE STUDY **ITAIPU HYDROELECTRIC POWER PLANT**
Parana River, Brazil & Paraguay

**THE WORLD'S LARGEST DAM ...
SECURED BY ISS**

The Itaipu Binational Hydroelectric Power Plant, located on the Parana River between Brazil and Paraguay supplies over 25% of Brazil's electrical power and 80% of Paraguay's.

The structure is considered of vital national interest to both nations, and as such, a premium is placed on the security and defense of the site. Itaipu chose ISS technology for its capability to deploy advanced security and surveillance technologies in a dynamic and scalable basis.

The initial deployment consists of 43 fixed and PTZ cameras, integrated with face capture and recognition and perimeter security. The system is remotely monitored by a dedicated central station from which all monitoring and system management is controlled.

KEY STATISTICS

Market	Homeland Security Energy & Heavy Industries
Client	Itaipu Binational Hydroelectric Power Plant
Region	Foz do Iguaçu, Brazil, Ciudad del Este, Paraguay
Integrator	Equipamientos Globales S.A.

Installed Units

- 4 SecurOS™ Video Servers
- 43 Cameras
- 30 fps per camera
- Face Capture & Recognition

VALUE PROPOSITION

- Control of Labor Activity
- Vehicular Entrance / Exit Monitoring
- Video Access Control of all Sensitive Areas
- Perimeter Control
- Face Capture and Recognition
- Remote Monitoring and Administration