



**CASE STUDY**    **PORT AUTHORITIES OF BRAZIL & CHILE**  
Brazil / Chile

**AN INTEGRAL COMPONENT OF  
HOMELAND SECURITY : SEAPORTS**

Five of Brazil's and three of Chile's largest ports are protected by ISS technology. Utilizing SecurOS™ servers commanding a hybrid of analog and IP cameras, integrated with a smart card access control system which is biometrics ready, security professionals can monitor and manage Brazil's crucial port infrastructure from one remote location.

The system is a centerpiece in Brazil's compliance with the International Maritime Organization's ISPS Code. In summary, the ISPS Code enables the detection and deterrence of security threats, establishes roles and responsibilities, enables collection and exchange of security information, and provides a methodology for assessing security. It requires ship and port facility staff to:

- gather and assess information
- maintain communication protocols
- restrict access; prevent unauthorized weapons, etc.
- provide the means to raise alarms
- put in place vessel and port security plans

By integrating with existing access control and legacy security systems, the ISS SecurOS™ framework provides simplified gathering and storage of video records, access control telemetry, and establishes and implements a comprehensive scenario based reaction protocol to multiple events and alarms.

**KEY STATISTICS**

Market	Transport Homeland Security
Client	Port of Angra dos Reis, RJ, Brazil Port of Maceio, RN, Brazil Port of Recife, PE, Brazil Port of Vitória, ES, Brazil Port of Natal, RN, Brazil San Antonio Terminal Internacional, San Antonio, Chile Empresa Portuaria de Iquique, Iquique, Chile Iquique Terminal Internacional, Iquique, Chile
Region	Brazil & Chile
Installed Units	SecurOS™ Video Servers Analog & IP Hybrid Cameras Face Capture & Recognition Transit Inspector Integration with Access Control & Biometrics

**VALUE PROPOSITION**

Classic networked video system with IP video, and audio Integration with access control - smart card / biometrics ready

Implementation of analog and IP cameras on each server

Integration of Transit Inspector with port management systems.

Multi zone motion detection with baseline scenarios and advanced event reactions

Central command and control center for monitoring of multiple locations.