Qognify

> "Qognify has demonstrated an in-depth knowledge of airport operations and security procedures, and an understanding of our technology needs over the years"
>
> Mr. Sheng Lu, Senior Project Manager for Hongqiao Airport

CUSTOMER INDUSTRY
Airports

WEBSITE URL
www.shanghaiairport.com

LOCATION
Shanghai, China

BUSINESS NEED
Maintain security and business continuity with a solution that scales and evolves.

QOGNIFY SOLUTION
Qognify Video Management Solution (VMS) with +1,500 channels

THE IMPACT
Enhanced situational awareness via proactive, centralized monitoring of the airport's extremely busy environment.

SHANGHAI HONGQIAO INTERNATIONAL AIRPORT

ABOUT THE CUSTOMER

Hongqiao Airport, the primary domestic airport serving Shanghai, has grown significantly in the past several years. It is now the fourth busiest airport in China, handling over 30 million passengers annually, as well as being mainland China's fifth busiest air cargo transit point. It is also part of the Hongqiao Transportation Hub, the first of its kind in China and the largest in the world. The hub connects the airport, its high-speed and conventional inter-city rail services, city metro system and public ground transportation, linked to the arterial road network and expressways serving the Yangtze River delta region. With a catchment of 120 million people, the hub handles some 700,000 passengers per day.

THE CHALLENGE

Airports face numerous security challenges, including terrorism, unauthorized entry, theft and vandalism. Complex safety and security systems provide 24-hour supervision of the entire airport, including its internal and external areas, before and after security checks. To connect all the elements of these systems is a challenge in itself.

In addition to the demanding needs of any busy airport, Hongqiao also has the world's largest multi-modal transportation hub.
This means multiple forms of public transportation all joining together at Hongqiao airport, adding to the complexity.

Furthermore, to ensure optimum passenger flow, airports should meet expectations for minimum waiting times and convenient services.
Last, airports need to provide an attractive business environment and service levels in order to ensure tenants' (airlines and other) satisfaction, and promote optimal airport capacity utilization.

Shanghai Hongqiao International Airport
上海虹桥国际机场

THE SOLUTION

Qognify's Video Management Solution monitors, manages and records feeds from over 1,500 video cameras in the airport's landside and airside operations areas from a centralized operations center.

Using enhanced video management technology, the Qognify solution collates high-resolution video feeds from the gates, the airport apron, the parking lots, and the airfield, as well as certain parts of the transportation hub. This allows for simultaneous search and playback from the central viewing location. The video is accessible to airport security, operations staff and emergency dispatch.

To ensure continual high quality, reliable video, Qognify's advanced video management capabilities include visual parameters optimization and camera tampering detection. These two features automatically optimize the settings of cameras to provide the best possible images, while tampering detection alerts security if a camera has been compromised in any way.

Key benefits of the Qognify solution for Hongqiao airport include:

- Improved passenger safety and security
- Enhanced operational efficiency
- Compliance with aviation regulations
- Passenger and tenant satisfaction
- Business continuity

Qognify's video surveillance solutions have been an essential element in enabling Hongqiao Airport's security and operational continuity, which has been successfully field-proven since the solution's initial deployment in 2009.

"Qognify's security solution has the quality, scalability and functionality we need to maintain comprehensive security and consistent operations, even as we grow to serve more and more of the public"
Mr. Sheng Lu, Senior Project Manager for Hongqiao Airport

ABOUT

Qognify helps organizations mitigate risk, maintain business continuity, and optimize operations. The Qognify portfolio includes video management, video and data analytics, and PSIM/Situation Management solutions that are deployed in financial institutions, transportation agencies, airports, seaports, utility companies, city centers, and to secure many of the world's highest-profile public events. **www.Qognify.com**

Get in Touch: www.Qognify.com/get-in-touch CS-87-01 08/2016

CONTACTS

info@Qognify.com
info.americas@Qognify.com
info.emea@Qognify.com
info.apac@Qognify.com

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