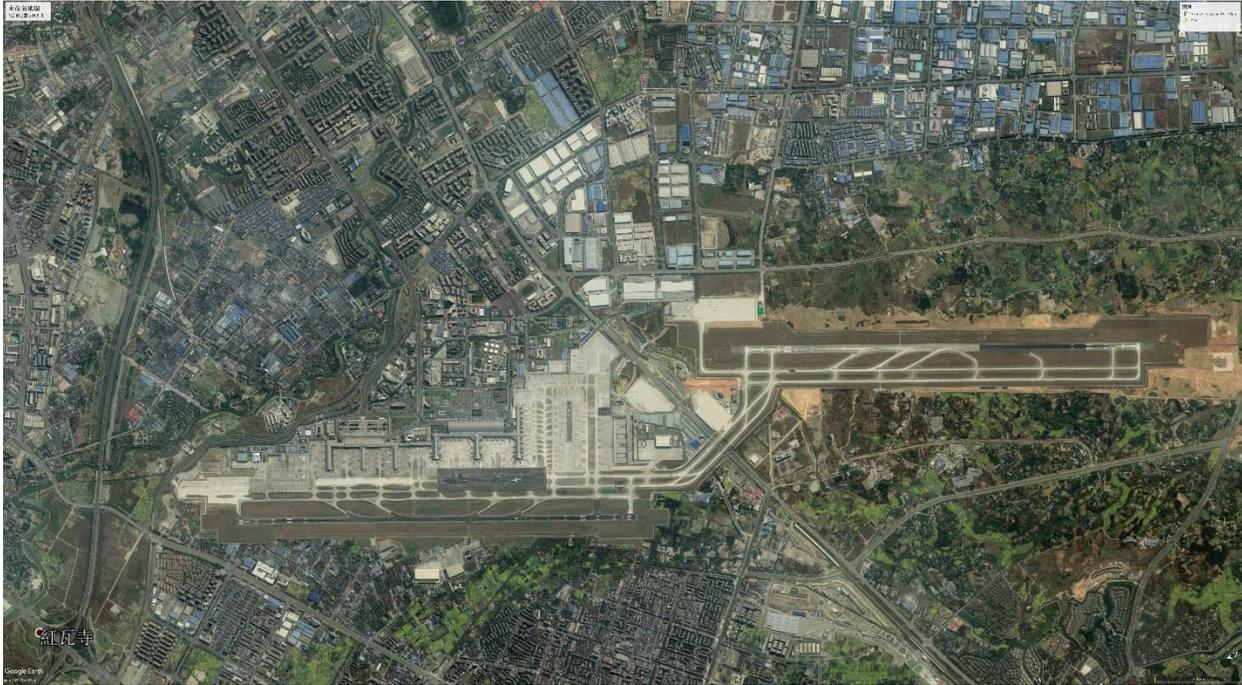


Location: Chengdu Shuangliu International Airport (CTU)
Client: Sichuan Airport Group
Projects: Multiple (Undertaken by SPS staff while previously employed by others)



SPS staff have worked on multiple projects for the Sichuan Airport Group at CAN.

Services for CTU and studies for the 2nd Chengdu airport were directed by SPS CEO when employed as CEO for another firm and the China Group Leader, as well as by other SPS Principals and staff when they were employed by others.

The services provided for the Chengdu Shuangliu International Airport/Sichuan Airport Group (CTU) included:

- Terminal Programming and Design Support (2006)
- Terminal Planning & New Concourse Concept Design (2006 – 2007)
- Master Planning Consultancy (2012)

Location: **Chengdu, China**
Airport: **Chengdu Shuangliu International Airport (CTU)**
Client: **Sichuan Airport Group**
Project Title: **Terminal Programming and Design Support**
Year: **2006**
Key Staff: **Jeff Thomas, Qianlin Li Doug Goldberg** (while employed by others)



Mr. Thomas, while employed by others as CEO and China Group Leader, and Ms. Li, as the Project Manager and client officer, provided team leadership and concept planning for the design team concept for the international design competition for the expansion of the Chengdu Shuangliu International Airport.

SPS principals were responsible for preparing the overall airport master land use plan accommodate 34.2 MAP and 600,000 tons of cargo by 2015, while providing opportunities for incremental expansion to the 68 MAP and 2.2 million tonnes cargo levels forecast for 2035. To achieve the planning target, SPS staff refined the airside geometry, and the functional space program, to provide 82 contact gates and 9 remote gates in 2015, and 130 contact gates and 15 remote gates in 2035.

The additional refinements to the overall master plan assured efficient aircraft, passenger, cargo, and vehicles movements, anticipating expected changes in passenger processing, security and immigration clearance, electronic ticketing, as well as a comprehensive concession and commercial program to maximize non-airline revenue.

Location: **Chengdu, China**
Airport: **Chengdu Shuangliu International Airport (CTU)**
Client: **Sichuan Airport Group**
Project Title: **Terminal Programming and Design Support**
Year: **2006 - 2007**
Key Staff: **Jeff Thomas, Qianlin Li Doug Goldberg** (while employed by others)

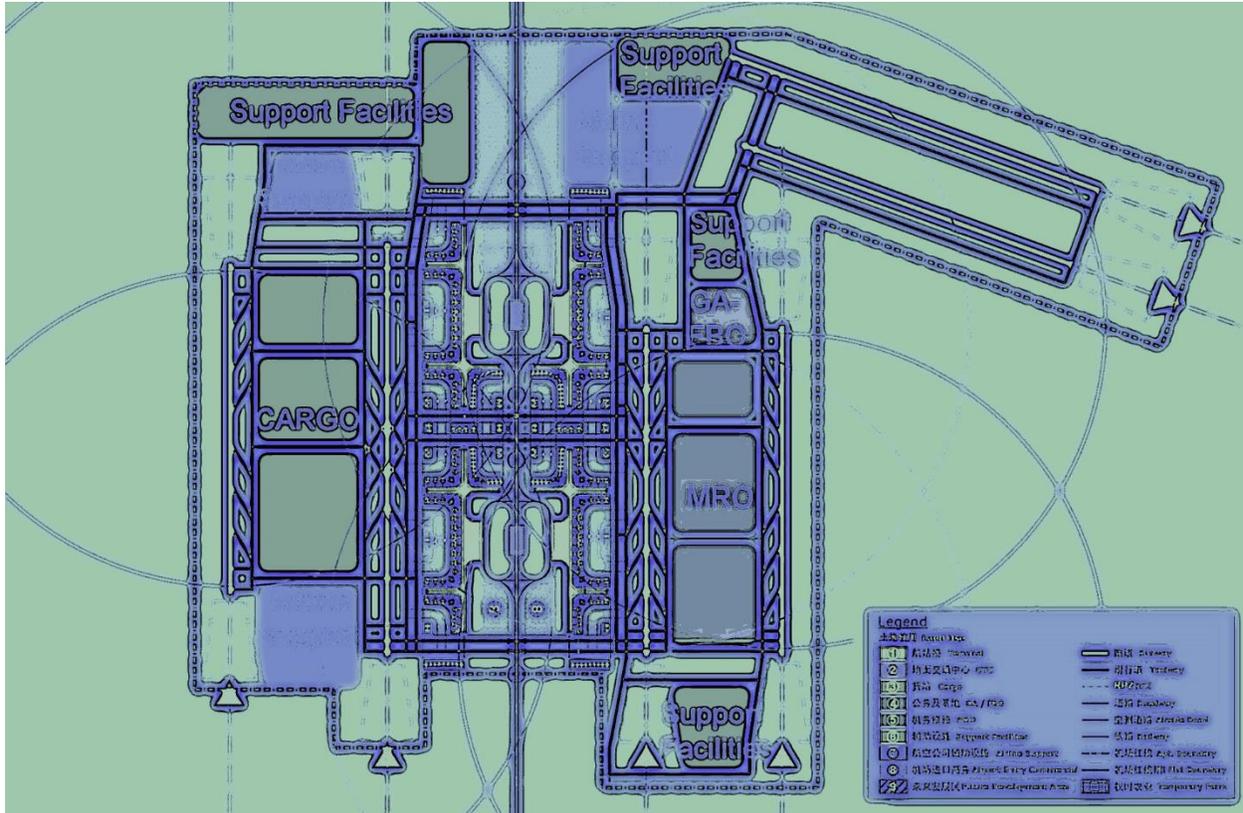


Mr. Thomas, while employed by others as CEO and China Group Leader, and Ms. Li, as the Project Manager and client officer, provided team leadership and concept planning for the new terminal and concourse concept design for the design team.

In order to blend in local culture into the design, bamboo leaves, the very special element of Sichuan was used for inspiration and initial development of the new concourse design. Based on this inspiration, the consortium developed a proposal, which used the shape of bamboo leaves for the architectural and structural design. In addition to contributing to the architectural concept, SPS principals studied the runway utilization of the future Chengdu Airport based on both double-runway and triple-runway models. The multiple operational alternatives were compared, evaluated and refined relative to:

1. Operation characteristic between the future runways and primary terminal area;
2. Taxiway system configuration connecting the taxiway between future runways and terminal area and the underground terminal beneath major roads.
3. The goal of efficient, flexible and sustainable planning for both short- and long-term development of Chengdu Airport.

Location: Sichuan Province, China
Airport: Chengdu Second Airport
Client: Sichuan Airport Group
Project Title: Master Planning Consultancy
Year: 2012
Key Staff: Jeff Thomas, Qianlin Li, Xiang Huang Sheila Thomas (while employed by others)



Mr. Thomas, while employed by others as CEO and China Group Leader, Ms. Li, as the Project Manager and client officer, and Ms. Thomas, as the land use/support facilities planner, developed the conceptual layouts and site plans for possible locations of the Chengdu Second Airport.

This work was, led by Mr. Thomas and Ms. Li, in support of the master plan consultancy for the Sichuan Airport Group. The investigations included a scientific planning approach to analysis of potential airport sites, with respect to runway layouts and potential air traffic routing, positioning of key facilities, and phasing of development. Each potential site study included conceptual level terminal area planning, cargo planning, airline-based assumptions, airport land use assignments and ground transportation access planning. The concept scenarios that most successfully fulfilled the planning criteria were shared informally with local ATMB representatives to identify operational issues and preferences for proposed runway configurations.