



## GOLD COAST COMMONWEALTH GAMES 2018 AUSTRALIA

Buro Happold SmartSpace was invited to support MWH Australia in their bid to design the transit malls for the Gold Coast Commonwealth Games 2018. The aim of our people movement study was to ensure safe and efficient circulation spaces are provided to enable members of the Commonwealth Games Family, spectators and workers to access all the venues that form the entire experience of this event.

As the Games site consists of several facilities, each requiring a Transit mall with unique requirements and design, the Southport Venue Cluster has been selected as a pilot location for the design of a Transit Mall.

A comprehensive people movement study has been conducted for the Southport Venue Cluster Transit mall area, with the basic principles of removing all conflicts, minimising delay and queuing and creating clear pedestrian routes and sufficient circulation space.

With the objective of predicting the pedestrian demand within the Transit

Mall area and advising on how to accommodate it, our study took into consideration the busiest periods for the venue, according to the arrival and departure profiles of spectators into the site for the several activities.

By identifying the peak pedestrian volumes in the site, it was possible to predict the main movements and provide recommendations on how to retain people longer in the wider area after the event and spread the demand to make sure the transportation provision was adequate.

CLIENT  
MWH

DURATION  
2013

SERVICES PROVIDED BY  
BUROHAPPOLD  
Smart Space - People Flow & Space Analysis