



## OVERVIEW

**PROJECT TITLE :**  
South Yorkshire Traffic  
Management Suite

**CLIENT :**  
Sheffield City Council

**SECTOR :**  
Transport

**COMPLETION :**  
2008

**PROJECT OVERVIEW :**  
The building of an advanced Traffic  
Management Control Centre

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*We decided to create a Control Center from scratch and issued a series of competitive tenders for hardware, software and all other equipment. Thinking Space Systems, specialists in the provision of technical furniture for control rooms, soon proved to be the best partner to manage the project. Together with our architects, they created a complete ergonomic working environment for the operators, ensuring that the design and furniture conforms to all necessary standards and health and safety requirements for a 24h environment.*

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Peter Bull, syITS Project Manager

## CASE STUDY

### SOUTH YORKSHIRE TRAFFIC MANAGEMENT SUITE

The main settlements of South Yorkshire (UK) grew up around the old industries of mining (coal) and steel manufacturing. With the decline and fall of these industries in the 1980s and 1990s, unemployment in the region rose sharply, catapulting South Yorkshire onto the list of the least prosperous areas in western Europe. Regeneration was an absolute must and an improvement of the existing transport network a key pillar of the economic regeneration action plans. As part of the transport scheme, the disparate systems and outdated tools used to monitor traffic would be replaced by innovative, sophisticated technology, bundled together in a brand-new Traffic Control Centre.



3D Render

### SCOPE OF THE PROJECT

Thinking Space won the contract through tender process to be the principle contractor for the project. This role included the responsibility for all CMD works, interaction with the client and architect and the project management of the build.

This project was won and installed in the Summer of 2008. Included in the scope of works was the complete refit of an existing office floor to create the new Traffic Control room space. Included within the final delivery was a new control server room, kitchen, meeting room and three office areas. The facilities included state of the art technology including video conferencing, Smartboard facilities and a rear project video wall from Barco.



Before ...



Strip out works



improving working environments



Barco Rear Projection Wall

Thinking Space worked with the client and the Council's architects to implement the impressive designs that they had created. An impressive curved glass wall partition surrounds the meeting room and Smart glass technology is installed between the meeting room and control room to open up the control room space as required.

The fit out works included the installation of new ceilings, raised floor system, carpets, wall partitions and doors. Behind the scenes new M&E systems were installed to provide a comprehensive air conditioning, data and electrical systems to the centre. As Peter Bull, syITS Project Manager explained "We decided to create a Control Center from scratch and issued a series of competitive

tenders for hardware, software and all other equipment. Thinking Space Systems, specialists in the provision of technical furniture for control rooms, soon proved to be the best partner to manage the project. Together with our architects, they created a complete ergonomic working environment for the operators, ensuring that the design and furniture conforms to all necessary standards and health and safety requirements for 24 hour environment."

To bring visibility into the control room, Thinking Space Systems suggested Barco. "We have been harvesting success already with Barco in quite a few projects," explained Paul Roberts, Sales Manager at Thinking Space Systems.



Refit Of Office Floor to Create New Control Room



Installing Partitioning For New Control Room



Console Construction At Our Premises



Completed Control Room

**Thinking Space Systems Ltd**  
 Unit 2, The Quadrangle  
 Abbey Park Industrial Estate  
 Romsey  
 Hampshire  
 SO51 9DL

t: +44 (0) 1794 516633  
 f: +44 (0) 1794 516632

w: [www.thinking-space.com](http://www.thinking-space.com)  
 e: [info@thinking-space.com](mailto:info@thinking-space.com)