David Aspital

Senior Modeller

Bio

David is a Senior Modeller at PTV UK specialising in demand and public transport modelling. He has developed a number of large scale demand models and more recently focussing mainly on agent and activity-based modelling methods.

He is also working on a variety of rail projects, including the development of a novel approach for the mesoscopic simulation of rail passengers within rail stations as well as building a national rail assignment model in collaboration with Network Rail.

Presentation

Hardware and Cloud for Visum

Cloud hosted options are becoming increasingly popular for our clients due to their flexibility, scalability and the lack of maintenance needed. This presentation will give an overview of PTVs experience with such systems and their advantages and disadvantages compared to more traditional physical set ups.

This presentation will look at the options for storing and running models on virtual machines in the cloud as well as providing recommendations on the specifications of both physical and virtual machines. This will cover a variety of applications and use cases within PTV Visum including large nested demand models as well as private and public transport assignments. Outline costs of example setups will also be explored.