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PTV VISUM 2026 Training

May 26, 2026

Training Course: Public Transport Line performance, E Bus Planning and Vehicle Scheduling using PTV Visum 2026

SHORT DESCRIPTION	Target Groups	Course Content
<p>You will learn how to learn how to optimize and estimate the number and type of vehicles required to run a particular timetable. You will learn how to model a fare system which enables to estimate revenues. Course will also cover various aspects for E bus planning using PTV Visum</p>	<p>Employees in planning departments of authorities, transport companies, transport associations and traffic planning offices that want to model and analyse PuT systems in detail and for researchers working in public transport.</p> <p>PREREQUISITES</p> <p>You ideally have experience with projects in PuT network and service planning and basic knowledge of working in PTV Visum</p> <p>According to your professional background or due to your practical experience you are well-grounded in the field of transport planning.</p> <p>Training mode Online</p>	<ul style="list-style-type: none"> ▪ Basic line blocking procedure for calculating number of vehicles ▪ Basic data of line blocking ▪ Modelling of different fare system ▪ Line blocking with vehicle interchange and considering for e bus infrastructure ▪ Considering of fare model in the assignment and effect on route choice ▪ Tabular and graphical presentation of revenues and cost coverages based on lines, operators. ▪ Creating and adjusting time profiles, vehicle types ▪ Calculating skims from both the passenger's and operator's perspective

Booking information
www.unitrans.in
mail: ptvsupportindia@unitrans.in

Vissim forum & learning videos
 <http://ptv.to/visum-user-forum>
 <http://ptv.to/youtube-playlists>
 <http://ptv.to/webinar>



Schedule

Know your Trainer

Manraj Singh Bains

Director, Unitrans Mobility Solutions

B.Tech (Hons) Civil, MSc Transport planning and engineering,
PTV Certified Trainer

Expertise: Traffic Simulation and Transport Demand Modelling Expert

Countries of work experience: India, UAE, Mauritius, New Zealand, Senegal,
Australia, Bahrain, Jordan, Nepal, Bangladesh, Qatar, Bangladesh, Bhutan, UK



Manraj Singh Bains is a Traffic and Transportation Consultant with more than 14 years of experience in working in numerous industries as well as research projects related to transport planning and traffic engineering in Indian and across the world. Mr. Bains has core expertise in passenger and freight travel demand modelling traffic and traffic and pedestrian's micro simulation modelling.

His experience covers variety of projects ranging from comprehensive mobility plans, public transport operational modelling, traffic impact assessment studies, freight travel demand modelling, signal coordination and optimization to multi modal integration studies, metro station and railway station level of service and evacuation studies for pedestrians, and traffic impact assessment studies. His research works are published in established journals including Transportation Research Record.

Mr. Bains is also a PTV Vision Certified trainer for PTV VISSIM, PTV VISUM, PTV VISWALK and PTV VISTRO for micro simulation and travel demand modelling software's for over 12 years and given over 100 training sessions around the world. He has keen interest in research initiatives related to application of new technologies and methods in transport modelling.

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