

# IGT Taxibus: Summary Points



IGT is a revolutionary new mass public transportation concept providing a door-to-door service with an extraordinarily fast passenger pick-up response that has a taxibus collect new passengers within minutes of receiving their journey request

IGT has only recently become practicable due to:

- The widespread ownership of cellular telephones
- The advent of in-car GPS navigation technology

IGT directly addresses and gracefully solves the growing problems of:

- Road traffic & parking congestion
- Urban air pollution & greenhouse gas emissions from road vehicles

IGT is extremely cheap and simple. It can become the backbone of 21st century public travel since it is more effective than any urban metro system, railway or bus network

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**(1) A fleet of 20 thousand taxibuses costing just £800 million to purchase will provide more than 8 million passenger journeys a day to a major city, and generate operating profits of £1 billion per annum. [Page 15]**

**(2) Introducing such a taxibus fleet to a city can dramatically reduce traffic levels by a factor of 2, as well as significantly alleviate parking congestion.** By decreasing the number of cars on the road, IGT will greatly improve urban air quality, and help cut greenhouse gas emissions. [Page 11]

**(3) IGT can just as easily be implemented in smaller towns, using a fleet of a few hundred taxibuses.** Such a small fleet could also be introduced to exclusively serve the central business district of a major city.

**(4) Remarkably, setting up a taxibus fleet requires no infrastructure changes** such as building rail networks, excavating underground tunnels, creating extra roads, and so forth. IGT is extremely cheap and simple, and can be implemented in any town or city without any disruption.

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**(5) Prospective passengers will use their cellular telephone to submit a journey request for a taxibus ride.** Other means of sending in your journey request are possible - for example, using a roadside kiosk.

**(6) Typically, a taxibus will arrive to collect a passenger within 3 minutes** of that passenger submitting his or her journey request to the IGT system. This extraordinarily fast response is one which is comparable to the 'jump in and go' immediacy of the private car. This fast response is achieved by having a large taxibus fleet on the roads, and by employing software that performs on-the-fly taxibus routing updates [Page 17]

**(7) A taxibus picks up and delivers each passenger on a door-to-door basis,** making taxibus travel fast and flexible for passengers. The route the taxibus takes is custom-created on-the-fly by the IGT computer system, with the taxibus driver guided along this custom route by means of GPS in-car navigation technology.

**(8) Since the taxibus takes you to the doorstep of your destination,** this maximises personal security, is great in cold or rainy weather, and there is no worrying about parking spaces when arriving by taxibus.

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**(9) Taxibus fares are pre-calculated and automatically charged to the passenger's account.** This makes passenger boarding fast and effortless, since no tickets are bought, and no travel passes are shown.

**(10) Taxibus fares are comparable in cost to regular bus fares.** Yet even with such modest prices, the taxibus fleet can generate healthy profits.

**(11) In terms of personal security,** taxibus travel is perhaps the safest form of public transport ever devised, since all passenger identities are known to the IGT computer system, and all journeys are fully logged on this system.

**(12) Taxibus travel is community-oriented.** Since it is a shared form of travel, the taxibus may help to create a stronger community fabric, and so turn our towns and cities into friendlier places.