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Time, Space, Location and Business

Vidal Ashkenazi
CEO, Nottingham Scientific Ltd



Time, Space, Location and Business

Contents of Presentation

- Brief History of Satellite Navigation
- Regional Augmentations and Galileo
- Developing and Future GNSS Markets
- Arising Legal and Ethical Issues



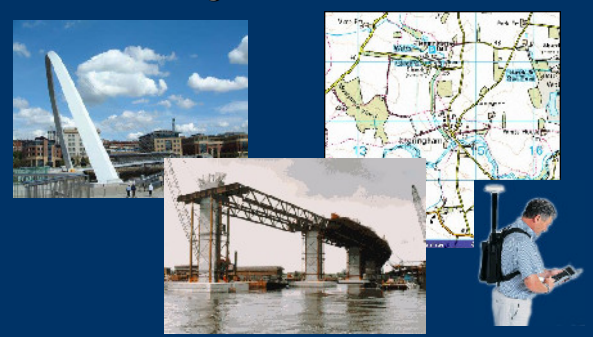
Military GPS



Civilian Use of GPS



High Precision GPS



Inner City Masking of the Open Sky



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Accuracy, Integrity, Coverage



YES



NO

NSL

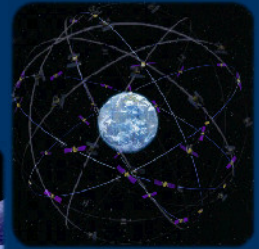
Some Wide Area Augmentation Systems



Courtesy of www.fednav.com

NSL

GPS + Galileo



NSL

Time and Location



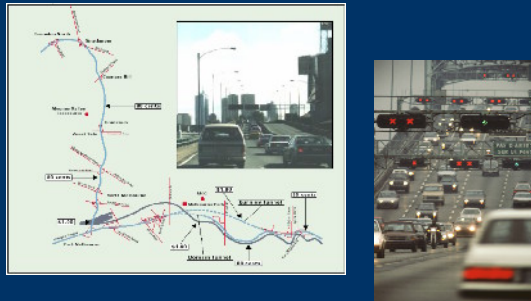
NSL

Where is Yamamoto San?



NSL

Road Tolling



Same Tax and Insurance ?



In-car Navigation



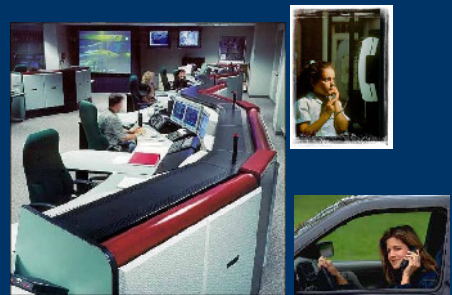
Mobile Phones



Person Tracking



Enhanced 911/E112



Valuable Cargo



Indoor Positioning



Confidential Data



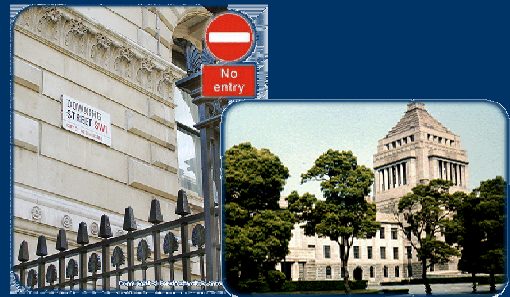
Spectator Sports



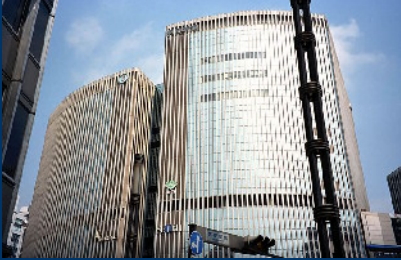
New Services



Restricted Streets



Where is Yamamoto San?



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Ethical and Legal Issues



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