By

CARTS
Consortium for Autonomous Roadways & Transit Systems
Tom Gagliano, John Gagliano, Alain Kornhauser, Charlie McManus, Bobbie Reagor, Harry Voccola

Presented at Mtg. with Michael Schagrin
US DoT Research and Innovative Technology Administration (RITA)
Washington, DC
August 13, 2013
Fort Monmouth
(about 3 square miles)
Intra-Fort Mobility Provided by autonomous Taxis throughout Fort Monmouth
Relocated Train Station and intra-Fort Mobility Provided by autonomous Taxis throughout Fort Monmouth
Fort Monmouth Consortium of Automated Mobility Research, Development & Implementation Park

- 1 prime driverless systems entity
  - (Google, Vislab.It)
- 4 car companies doing some sort of R,D & I
  - (MB, BMW, VW, Subaru, Volvo, Toyota, Nissan, Hyundai, Kia, GM, Ford, Fiat, Renault, Chinese??)
- 2 wireless companies
  - (Verizon/Hughes, Qualcomm, AT&T, Comcast, KVH)
- 2 Insurance Companies
  - (NJM, Progressive, Geico, USAA, Travelers, State Farm)
- 3 Public Sector Entities
  - (NJ DoT, PANYNJ, NJTransit, NJTP, DRPA)
- 3 Parts suppliers
  - (Delphi, Bosch, Continental, Denso, Fujitsu, Samsung, Apple, Chinese)
- 5 Small startups
  - (AutonomousStuff, TORC Robotics, Velodyne Lidar, Valeo, TASS International)
- 4 Universities
  - (Monmouth, Princeton, Rutgers, CCNY, NYU, Cornell, Carnegie Mellon U., U of Md., Penn State)

Space requirements:
- Assume that we have 25 entities each having an average of 40 people (1,000 employees), each using and average of 300 ft² of office space and 400 ft² of lab space:
  - 300,000 ft² office space and 400,000 ft² lab space.