THE POWER OF COOPERATIVE SOLUTIONS®

PACE

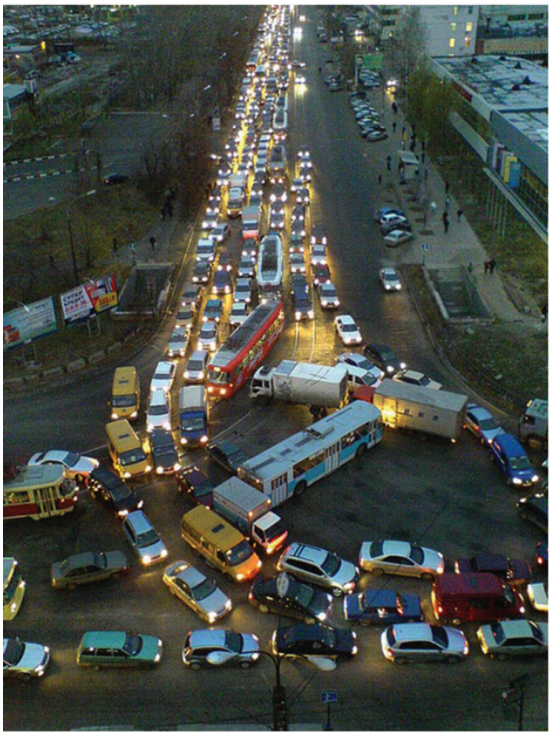
PROXY Technologies®

Proxy Autonomous Cooperation Engine

Customizable hardware and software system allowing participating vehicles to work together to improve traffic flow, efficiencies (both scheduling and routing) and overall safety.

Principal system elements:

- Consists of local networks of proximate vehicles sharing information and intentions
- Each vehicle broadcasts its intent information to neighboring vehicles
- PACE system utilizes intent information to determine planned path adjustments
- Prevents collision with other vehicles
- Provides advanced notice of other vehicle's intent to allow for gradual path adjustments and reduces the need for emergency avoidance maneuvers. Each vehicle can react at a longer range to avoid other vehicles
- Provides an additional safety mechanism that operates as an additional "driver" continually verifying safe operation
- Failure of collision avoidance sensors can be mitigated through the PACE system's use of broadcast data
- PACE eases congestion by adjusting vehicle spacing and speed in addition to suggesting alternate routes



NHTSA

Improving traffic flow through PACE

US Patent No. 8,788,121; US Patent No. 8,874,360

Proxy Technologies, Inc.
Tel: 540-816-9001
Fax: 301-216-2852
info@proxytechnologies.com

Headquarters: 1840 Michael Faraday Drive Suite 220, Reston, VA 20190
Operations Facilities: 7940-C Airpark Road, Gaithersburg, MD 20879

www.proxytechnologies.com