



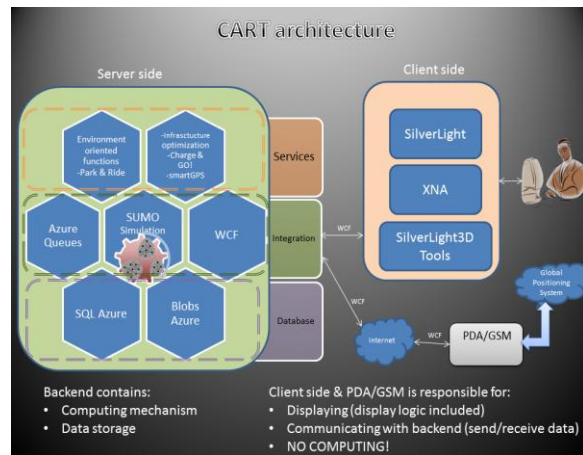



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**CART** (ang. *Creative Application to Remedy Traffics*) system will improve capacity of road infrastructure and smoothness of traffic in cities. CART allows decision-makers for conscious and effective planning of road connections and creating strategies in case of emergencies. For drivers CART will it make easier to find the best routes by augmenting path finding algorithms with simulation results.

CART has enormous practical potential in city centers such as London, Warsaw, where there are a lot of traffic jams and it is hard to identify the source of trouble.

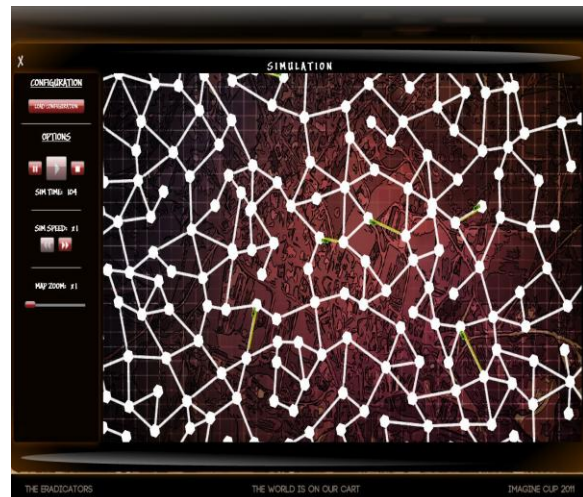
CART is designed to improve the city roads infrastructure. System advises on where to build roads, put crossroads and roundabouts. The outcome produced by CART can also tell where and why there is heavy traffic on particular roads and what to do to unload it.



**Fig. 1 CART Architecture**



**Fig. 2 Main screen**



**Fig. 3 GUI of basic modules**

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