Police Auto-Navigation
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ABSTRACT

It is hard to believe that in 2012 standard police response officers in the Reading area must rely on road maps and 2 way radios to find 999 callers. This was noticed by the author of this report after attesting as a volunteer police officer (Special Constable) alongside studying for an undergraduate degree at university. Trying to find the location of 999 callers in need of assistance by looking through a road map book and deciphering radio communication static, seemed to be an immensely unnecessary waste of precious response time. This motivated the creation of “Police auto-navigation”, a computerised navigation aid that provides the details of an incident accurately and rapidly to officers in the field along with a virtual map, thus improving police response times with all the associated benefits.

Figure 1. (left) Typical standard police car for the Reading University area. Figure 5. (right) Screenshot of the officer’s interface. With allocated incidents showing.