COMSTAT, CRIMESSTAT & STAC - ORGANIZATION MANAGEMENT TOOLS FOR NEXT GENERATION OF LAW ENFORCEMENT AGENCIES

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ABSTRACT

Rapid technological advancements in the recent years had a positive impact in the way how police agencies do their internal and external operations. With the integration of GIS technology, as part of IT developments has made possible the update of the paper maps into digital maps. Years before, there were different types of maps which were not as effective as today's ones. In the era of these advancements, GIS – (Geographical Information System) made these types of maps be more accurate, effective, and more precise in terms of setting up the exact location. Regarding the police agencies, there are three main programs of GIS called CompStat, CrimeStat, and STAC which are more than necessary in collecting and using the crime data. So, this paper will describe in details the characteristics of geography in police agency policies, the evolution of GIS throughout the years and most importantly the impact of the GIS in law enforcement agencies. Additionally, this paper will explain some features of these GIS programs which are considered very helpful for police officials in increasing the effectively of their jobs on daily basis.

Keywords: Police, GIS, agencies, programs, crime.