

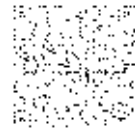
社區緊急救難系統

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摘要

由於臺灣警力有限，因而社區往往會自組成立社區守望相助隊，進行社區巡守，保護社區安全。然而，在過去，社區守望相助隊多半使用傳統無線電或是行動電話設備，先連絡隊部，再由隊部通報轄區警察局或是救援單位，這樣一來一往，浪費許多寶貴的時間。此外，在一些較偏遠地區的通報，常常無法正確告知狀況發生的所在位置，讓救援人員無法在第一時間立即到達事件現場。本文將提出一社區緊急救難系統，可整合社區守望相助隊與警察單位的通訊，一旦有非預期的緊急狀況發生，此系統可直接與警察單位聯繫，加強社區守望相助隊的通訊功能，降低溝通與回報的時間，減少生命財產的損失。目前，臺灣已經有5個社區守望相助隊導入社區緊急救難系統，提升他們平時巡邏的能力，且有超過一千五百位居民受惠。

關鍵詞：守望相助隊、社區緊急救難系統、專屬網路、集群式系統、數位無線電

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Emergency Incident Management System for Community Safety Services (EIMS)

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Abstract

Due to shortage of police force in Taiwan, the communities often organize the citizen patrols to be responsible of their own safeties. The citizen patrols usually carry wireless radios or cell phones. At the emergency, they will contact the call center and then the call center will report to local police or rescue units. This sequential process will waste a lot of valuable time. Besides, a remote area is normally not able to inform the location correctly. Thus the support personnel cannot arrive at the scene of incident on time. We propose EIMS, an Emergency Incident Management System for Community Safety Services. EIMS connects citizen patrols to police units directly. At the emergencies, EIMS will reduce the times of communication. In Taiwan, there are already five citizen patrols integrated into EIMS protecting more than 1,500 residents.

Keywords: citizen patrols, emergency incident management system, dedicated network, digital radio, trunked system

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