

Towards Disposable Computing: Could You Throw Away Your Device?

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The development of the Internet of Things(IoT) technology now allows most devices to connect to the Internet and enables interactions between tiny devices. The development of IoT technology has affected many areas, and one area that most has been greatly impacted is the military. Many advanced military equipment, including small reconnaissance drones and military tactical equipment, include computing systems that can be operated under the command of a central system. Devices used for military purposes are equipped with advanced software that contain classified information; hence, it is important to protect such sensitive data. In this paper, we propose the concept of Disposable Computing to prevent information leakage from military mobile devices. We propose a multi-channel network framework between the server and the device to enable real-time computing by overcoming the limitations of the existing software streaming technologies.



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