

**For Immediate Release**

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## **Mobilicom's New Palm-Sized Broadband Communications Unit Forms Instant 4G Network For Public Safety Users**

**(Azor, Israel)** The new MCU-30 from Mobilicom is a miniaturized 4G mobile wireless IP communications device designed for public safety and homeland security that creates a secure and private broadband network supporting 4Mbps instantly without relying on existing wireless 3G/4G carriers. At only 11 oz and approximately 4" X 3" X 1" for the fully ruggedized version, these battery-operated units, approximately the size of an iPhone, are lightweight and small enough to be embedded into compact security cameras, sensors, control and monitoring device platforms and form an instant broadband network.

Mobilicom's VP of R&D Yossi Segal elaborated, "Think of the MCU-30 as a walkie-talkie on steroids. It is a reliable and powerful communications tool that can send and receive simultaneous voice, data and video information at broadband speeds greater than 4Mbps, at a range of more than 6 miles. During Hurricane Sandy, when public communications networks were knocked out or overloaded by calls made by panicked citizens, search and rescue teams could have had an on-demand private network. With the MCU-30, first responders can connect to their command post, mobile units and unmanned aerial vehicles (UAVs) to transmit heavy data on the fly. The communications links are self-healing and resilient if a node were to be temporarily lost. The MCU-30 fulfills the promise of an instantaneous wireless network that is powerful and independent of cell towers that might no longer be standing or are overloaded after a natural disaster."

The MCU-30 was created specifically for critical responders including public safety, homeland security personnel and disaster relief teams and has proven its performance in the world's harshest and most isolated border environments, as well as in remote rural and dense urban areas and non-line-of-sight (NLOS) situations. The wireless Ethernet network connects to other nodes over 6 miles apart and acts as a gateway with seamless integration to any VSAT/3G/4G/ VHF/UHF network. The built-in GPS allows teams to monitor individual team member locations and anti-jamming technology ensures additional security.

Oren Elkayam, CEO of Mobilicom, added, "When first responders must rely on data downloading through tablet computers at a crisis scene, for example, using an application like Google Maps, any disruption of service due to downed Internet

connectivity severely impacts their effectiveness and response time. Teams responding in remote locations without existing infrastructure can immediately create a network with the MCU-30 units. We created the MCU series to put a rapid-forming broadband network in place at a flick of a switch. The super compact MCU-30 units enhance the data communications and surveillance capability of ground personnel, unmanned aerial vehicles (UAVs) and other recording and sensor devices.”

### About Mobilicom

Mobilicom Ltd. designs, develops and manufactures Instant Mobile Wireless Network solutions and products for mission-critical applications and are in use throughout the world. Mobilicom is the leading company in the field of instant mobile 4G broadband communications, specializing in video, data and voice communications between devices without any existing infrastructure. The company’s products are based on LTE technology. Mobilicom is the only company that incorporates the concepts of instant, ad-hoc, mobile and broadband communications into their products. Mobilicom specializes in end-to-end instant wireless system solutions that are competitively priced, highly mobile, operate free of infrastructure constraints and operate in NLOS environments. Mobilicom’s products include their flagship product, the MCU-100, a 4G wireless communication unit that provides instant, ad-hoc/mesh communications as a part of a mobile network, the MC-HPA High Power Amplifier and the MC-EMA Element Management Application and the MC-NMA Network Management Application tools.