



CAPABILITIES SUMMARY

TriaSys Technologies is a provider of innovative signal processing solutions for use in Signals Intelligence and Electronic Warfare applications. TriaSys provides individual software products, integrated systems and custom software engineering to support its customers' requirements. TriaSys product lines include signal processing software and signal collection systems, tactical RF Electronic Support systems, as well as wireless network systems for use in cellular test ranges and test applications.

In the area of cell phone detection and location, TriaSys has worked in this area for over ten years, performing prototyping, CONOPS definition and system development for various US government customers. Specifically, TriaSys worked with the US Army I2WD for developing and integrating systems for specifically detecting cell phones and using DF and other geolocation subsystems for finding these targets.

Since then, TriaSys has created its third generation of IMSI catching product, which is based on a flexible SDR and a fully integrated 2G/3G/4G software stack. TriaSys has created specific GUI software and defined several CONOPS for Search and Rescue (SAR) using cell phones in collaboration with the US Coast Guard. TriaSys is working in conjunction with DF and other geolocation techniques with our partners to create a useful solution for using cell phones for locating persons in search and rescue scenarios.

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