

Government Contract Description:

Distributed Satellite Communications (SATCOM) On-the-Move (OTM) Aperture
Phase II SBIR

Contract No.: W15P7T-11-C-H238

Contractor Name: Toyon Research Corporation

Address: 6800 Cortona Drive Goleta, CA 93117

Purpose:

Demonstrate the capabilities of a distributed/scalable SATCOM OTM aperture system that can be integrated into the available spaces on tactical military vehicles and work together to provide the required satellite connectivity to the WGS system.

- Multiple receive antennas are combined continuously to enhance the signal
- One of several transmit antennas are selected for transmit – only one antenna is used at a time.

Points of Contact:

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