



RF Alliance Status

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RF Alliance

Objectives:

- Transition innovative RF and electronic technology for DoD into programs of record
- Expand the Technology Transition Center to the regional area
- Update military critical needs that can be addressed by RF technologies
- Develop new teaming agreements with members
- Leverage technical innovations across the national security sector to include, DoD, DHS, DoE, and NASA.

Establish a National RF R&D and Technology Transfer Center:

- Leverage Indiana RF Capabilities
- Establish incubator environment
- Select and implement RF projects
- Operate as a self sustaining RF Center



Current Status

Organization:

- Program under Crane Technology Inc (CTI)
- Funded by Congress and State
- FY09 Working with Naval Sea Systems Command
- FY10 Working with Office of the Secretary of Defense Technology Transition Office (OSD TTO)

Membership:

- Forms included in packets
- Company basis
- Advisory Board
- Charter to be approved by Advisory Board and sent out

STEM Analysis

- Project Lead the Way (PLTW) www.pltw.org



FY09 Projects

- Low Cost Electronic Sentry for Surveillance
 - Delphi Electronics
- Reduced Gold Advanced Packaging
 - Omega Wireless, Purdue University, NSWC Crane
- RF-to-Digital Converter
 - Polyphase Microwave & Rose Hulman University
- Active Array Autocalibration
 - Technology Service Corporation
- EHF Excited Medical Imaging
 - MNB Technologies, Inc
- Unattended Gamma Spectroscopy Node Network (UGSNN)
 - PartTec, Ltd. & Applied Physics Laboratory, Purdue University
- Radio Frequency Development Project at the Indiana University Cyclotron Facility's Low Energy Neutron Source
 - PartTec, Ltd. & Indiana University



FY10 Project Ideas Needed

- Project Requirement
 - Involve Transition of RF Technology
- Project Timelines:
 - Ideas/Proposals – Now
 - 1 June 2009 – Prioritization and Program Office Sponsorship
 - 1 October 2010 – RF Alliance funded for FY10
 - 1 April 2010 – Contract award
 - 1 April 2011 – Phase completed and project results reported