



## Cognitive Radio Program

### Mission

To integrate software radio, sensors and computational intelligence capabilities to realize the art-of-the-possible in cognitive computing and communications to address both government and commercial problems, in a manner that enhances US National Security.

### Accomplishments

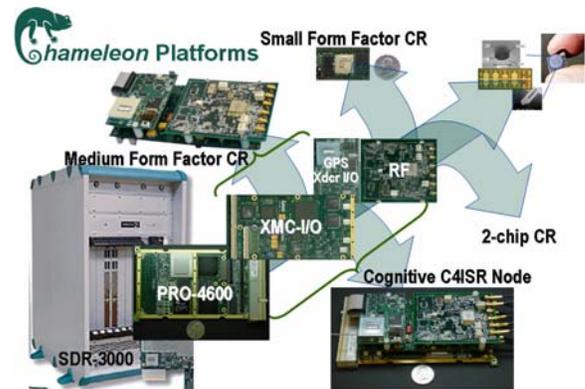
- Cross-cutting rapid design and prototyping approach to developing waveforms/systems currently in use on four DoD and National Security projects.
- Significant investment in platforms, tools, training and early HW/SW R&D.
- Program involves over 30 personnel.

### Application Areas

- Logistics – Global TAV/ITV
- Blue Force Tracking
- Sensor/Soldier Comms
- Cognitive C4ISR
- First Responder Comms Interoperability
- Advanced waveform development
- Advanced SIGINT

### Objective

- Establish strategic teaming opportunities to use the advanced capabilities of this program to address needs within the DoD, DHS, DOT, DOE and IC.



*We have multiple CR platforms and utilize a Model-Based Design approach for rapid design and prototyping.*

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