



*People & Products  
that are changing  
the world*

# **DGI** Defense Group Inc.

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# Social Cognitive Neuroscience Approach

- Use fMRI to examine various social psychological phenomena relevant to the intel and military community
- Specialize in bringing real world experiences into the confines of the MR scanner
  - Persuasion/influence, trust-based decision-making, emotion regulation, empathy, accelerated learning & training
- Link neural responses to input/output variables
  - Genetic polymorphisms & other individual difference variables
  - Cortisol, autonomic, and immune measures
  - Daily experience sampling over the course of weeks
  - Behavioral outcomes
- Prediction of future behavior from a priori neural regions of interest

# Social Cognitive Neuroscience Approach

- Persuasion, buzz, neural focus groups
- Multi-dimensional view of trustworthiness
  - Motivation, Cognition, Behavior
- Foxhole situations

# Social Cognitive Neuroscience Approach

- Links to special test populations
- Collaboration with complementary assessment modalities

# Social Cognitive Neuroscience Approach

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