Center for Management of Information (CMI)

University of Arizona
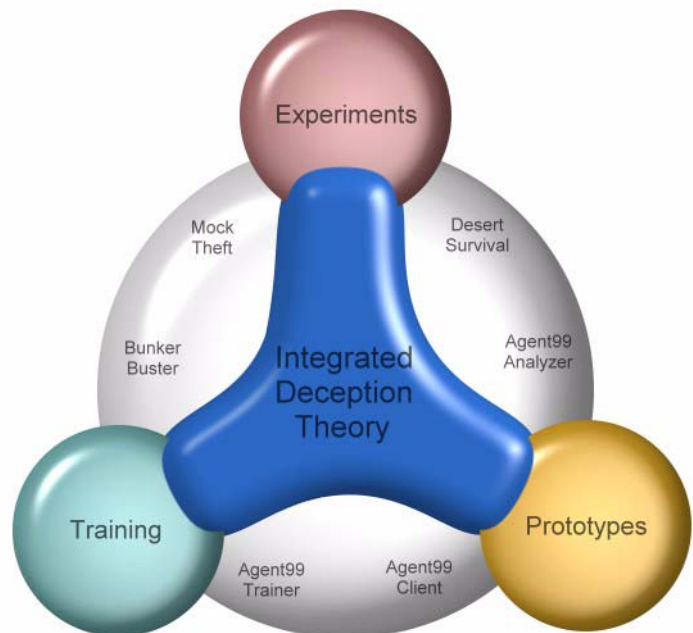
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Detecting Deceptive Communications

Working with the U.S. Air Force and two other universities, the Center for the Management of Information (CMI) at the University of Arizona is investigating how to detect deception in various communication modes and identify the types of information processing tools needed to improve homeland protection. A key goal is to develop hardware and software tools to screen electronic communications traffic and automatically flag potentially deceptive methods, using indicators of deceit incorporating text, voice, and visual cues. For more information, contact Dr. Judee Burgoon, jburgoon@cmi.arizona.edu.

Networkcentric Warfare

Working with the U.S. Navy, the Center for the Management of Information (CMI) at the University of Arizona developed CommandNet, a collaborative logging tool designed to shorten the decision-making cycle and to increase situation awareness. CMI's research, development and deployment of CommandNet for intelligence is showing the way to what the U.S. Navy deems NetworkCentric Warfare has increased the Navy's war fighter situational awareness and has improved operational decision-making. An article in the Arizona Daily Star stated, "The key to CommandNet is to provide a systematic methodology of organizing information and present it in a manner that makes sense. This technology shortens the decision-making cycle to increase situation awareness." For more information, contact Dr. John Kruse, kruse@cmi.arizona.edu.