

## Metathinking: The New Critical Thinking

Metathinking is a game-changing approach to critical thinking for all decision makers. The Metathinking approach developed by Dr. Groves spurs a dynamic analysis of our own reasoning processes, exposing hidden factors that influence our thinking, boosting the quality of higher-order thinking and problem solving for individuals and teams. The audience will be taught to recognize assumptions that corrupt their reasoning processes and methods that unveil subconscious associations that shape their interpretations. The session will introduce new ways to interact with evolving cognitive technologies and artificial intelligence. Attendees will leave the session with new abilities to tap cognitive networks that allow them to discover defining issues, solve complex problems and make decisions with clarity and confidence.

\*Optional - This session offers a powerful, live EEG demonstration (visual representation of brain activity) allowing attendees to witness the cognitive patterns that correspond with the most effective thinking approaches.

### Major Subjects:

- The Mind-lens approach to understanding cognition
- Root cause analysis and problem solving
- Assessing reliability and validity of evidence
- Critical analysis of decision tools
- Uncovering implicit bias
- The differences between logic and insight
- A new brand of professional skepticism
- Context and situational awareness

Learning objectives: Attendees will learn new thinking approaches that improve critical thinking and judgment by understanding how to examine the relevance of evidence and learning how to assess the quality of their own reasoning processes.

Level: Basic

Prerequisites: None

Advanced preparation: Not required

Hours: 1-8. Session available in 1-2 hour keynote format, a 1-4 hour presentation format or 2-8 hour workshop format.

Designed for: Analysts, auditors, attorneys, governance and compliance professionals, and those working in the IT, HR, legal, and medical professions as well as executives, policymakers and other decision makers interested in improving critical thinking skills and judgment quality.

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