



“ MITRE's Ron Resmini and his team are shining a light on the information gaps created by traditional imaging systems.

Overview

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To solve our sponsors' most critical problems, our capabilities keep pace with their evolving missions.

One of MITRE's strengths is the ability to apply a wide variety of technical and organizational know-how to challenges across the federal government. Some of our cross-corporate capabilities are grounded in traditional MITRE technical areas, such as [systems engineering](#), [signal processing](#), and [acquisition](#). Others, such as [cybersecurity](#), [mobile technology](#), and [social software](#), have grown over time to meet the demands of today's fast-changing world.

We pair this core expertise with specific domain knowledge in our [FFRDCs](#). And we take advantage of initiatives within our [internal research program](#) to mature our methodology. By sharing feedback and discoveries from our research and direct-work experience, we continually expand our body of knowledge and use it to benefit government, industry, and academia.

In this section, we highlight capabilities in which MITRE has exceptionally broad and deep expertise. And to see how many of these capabilities can unite in innovative ways to make the world safer, we invite you to [learn about MITRE SIMEX™](#), which uses advanced simulations and the latest tactics to increase mission success using realistic scenarios.