

Mission and emerging technology consulting

Identify the best use of emerging technology to improve customer and citizen facing services.



According to researchers, the top strategic technology trends lay in three areas—intelligent things, smart applications and the creation of foundational artificial intelligence (AI). Emerging technologies in cloud-based computing, advanced wireless, edge computing, and multi-core-big-memory computing will provide next-gen performance and are expected to yield trillions of dollars in new economic value-add.

Deep neural networks, cognitive computing, predictive analytics and augmented reality have emerged as the key enablers of change in agency business models. And AI and machine learning can improve day-to-day business operations in many citizen-facing services.

However, the implementation challenges are immense. Due to scarce resources and shrinking budgets, government needs a partner with the unique skillset and ability to explore emerging technology, identify prospective solutions and deliver advanced data science technologies efficiently and effectively.

Why Perspecta

Our senior consultants draw on a variety of methodologies, techniques and frameworks to guide our customers through the technology discovery process. We help build roadmaps for transformational business strategies, and help identify new operating models, clever management initiatives and innovative operational implementations. And we do this through working technology, not just PowerPoint presentations.

How we do it

We take your business and technical needs, as well as your delivery requirements, into consideration every step of the way.

Our goal is to support your visionary strategy and position your agency as an innovator. We help you explore new technology options quickly and with dexterity, all while staying laser focused on how best to deliver the solution.

We do this through four essential services

- **Systems engineering and architecture strategy:** We digitize in less time. In less than 12 months in some cases using a proven combination of model-based systems engineering and DevOps
- **Emerging technology discovery:** We help our customers recast their vision and strategy to take advantage of emerging technologies, usually within a 60 to 90 day time frame
- **Mission development and support for atypical solutions:** We apply our wide-ranging understanding of engineering, computer science and technology enablers to solve challenging problems for the mobile government workforce
- **Enterprise algorithm design, automation and autonomy:** Partnering with our applied research lab and high performance computing providers, we deliver transformative prototypes in weeks and months rather than months and years

Next steps

Schedule a transformation experience workshop to discover how we can help you design a visionary strategy using emerging technology.

