

AS A SERVICE MODERNIZES DELIVERY OF IT SOLUTIONS

Government can now purchase based on outcomes and consumption

Government agencies who want to keep up with the pace of technology without investing in IT infrastructure have a new solution: as a service. With our as-a-service delivery model, they're able to take advantage of new and emerging technologies, as well as tried-and-true services, without additional financial risk.

Traditional purchasing requires government agencies — local, state, and federal — to procure IT services by buying the hardware and the software, then hiring a contractor to manage the service. This makes it costly to embrace rapid changes in technology, and less timely as it depends on budgeting cycles.

Now, government agencies can purchase what they need, such as virtual servers or workstations, and pay only for what they actually consume such as RAM, storage, and processing power. Measurable outcomes could include improved scalability during peak workloads or increased uptimes.

The types of services we can deliver this way run the gamut, to include:

- Service desks
- Networking
- Security operations centers
- Data centers
- Cloud services

"It's all about modernizing the way services are delivered to our customers," said Matthew Livingston, who manages our as-a-service solutions.

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As-a-service solutions for computing resources provide scalability that ensures users always have the services they need.

Efficient and scalable service model

There are many cost benefits to moving to an as-a-service delivery model. For cloud services, for example, you:

- **No longer need to purchase hardware.** This includes storage arrays, servers, and any other hardware needed to provide capacity. Instead, the contractor supplies virtual machines, Platform as a Service services, and anything that can be metered for consumption and billing.
- **Pay only for services used.** This could include CPU, RAM, and storage consumed, or the performance requirements for those resources.
- **Receive reliable availability of services.** This includes increased scalability, uptimes, and support during times of peak performance.



SAIC provides solutions that fit specific customer requirements for where their data centers must be.

One particular as-a-service solution our customers seek is our secure private cloud, designed to be deployed at government-owned data centers. In this hybrid model, the government provides the data center facilities and physical security, while we provide fully managed storage, compute, and networking services with consumption-based pricing.

This arrangement works well for the DoD, specifically at military installations or for in theater support. In some use cases, the public cloud may not be suitable, either for security reasons or because networks need to be physically adjacent and reliable to ensure applications run smoothly without delays. Another scenario is modeling and simulation, where customers may require specialized hardware that a commercial cloud service provider (CSP) can't offer.

Public cloud offers similar benefits

Not every customer needs a secure private cloud solution, however. We also offer a public cloud management platform and cloud brokerage services.

- Manage multiple cloud offerings from various CSPs
- Track costs and performance
- Receive governance around which CSPs or locations are authorized to handle specific workloads
- Turn on and off capacity as needed, and only pay for what is used

Since we are FedRAMP-compliant, federal government agencies who want to use our public cloud infrastructure environment don't have to go through additional security assessments. This saves them time and streamlines the process.

"FEDRAMP really helps getting software solutions and Software as a Service solutions to government customers faster," Livingston said.

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