The Power of AI:

Embracing Disruption to Transform Citizen Service

If you've been delaying artificial intelligence (AI) projects because the barriers to entry seemed too high, the time to act is now.

While many government agencies are already exploring AI applications like chat bots to provide more efficient and cost-effective citizen services, the near limitless benefits of AI are just starting to be realized. Visionaries in virtually all industries are looking for ways to apply AI to enable new customer touch points, reinvent the customer experience, drive business value — and even change the world.

AI can help solve many of the public sector's biggest challenges, including:

- **Improving public safety:** AI can power gun recognition software that alerts public safety officials of when a shot has been fired, allowing them to respond with even greater immediacy. By building in facial recognition, AI can also help officials quickly pinpoint and identify suspects.

- **Enforcing cybersecurity:** AI can help IT teams scale their cyber defense and enable organizations to train data models that more quickly identify specific cyber threats.

- **Empowering digital health:** AI can make health care more personalized and efficient, helping leaders make informed decisions and improving program outcomes.

For example, adding sensors to asthma inhalers creates a huge opportunity to correlate usage and location information among asthma patients. Combining patient data with information on weather, air quality and pollen counts in real time can help patients avoid potential triggers, thereby minimizing risk and improving overall health. Cambridge Consultants, a NetApp customer and AI partner, is exploring the potential of smart inhalers using NVIDIA and NetApp technologies in ONTAP® AI.

AI can drive automation that frees up nearly **97 million** government working hours each year, saving agencies **$3.3 billion annually.**[1]

Unfortunately, many organizations still underestimate how much AI depends on the ability to manage vast quantities of data. Government agencies need to prepare for an AI-driven future — and that begins with building a strong data pipeline to feed the algorithms that drive AI. That is why NetApp has created the NetApp ONTAP AI proven architecture. Powered by NVIDIA DGX supercomputers and NetApp all-flash storage, ONTAP AI simplifies, accelerates and scales the data pipeline needed for AI to gain deeper understanding in less time.

The public sector must be more agile to improve its customer experience. NetApp ONTAP AI is designed to address AI bottlenecks wherever they occur. NVIDIA and NetApp technologies eliminate performance issues and enable secure, non-disruptive data access, delivering AI performance at scale and allowing government agencies to powerfully transform their relationship with the citizens they serve.

NetApp ONTAP AI and NetApp Data Fabric technologies and services will jumpstart your agency on the path to AI success. For more resources and to learn how NetApp AI can help, visit: **www.netapp.com/AI**

1.   https://www2.deloitte.com/insights/us/en/focus/cognitive-technologies/artificial-intelligence-government-summary.html