



URBAN TECHNOLOGY CHECKLIST

Building a More Connected Community

Based on a recent [GovTech handbook](#), this checklist provides the steps governments can take to better connect their communities.

Building better communities through a foundation of connection



Support connected communities with IoT
One-third of CDG survey respondents reported experiencing network constraints that hinder use of IoT devices.



Bridge the digital divide
It's imperative that governments focus on the big picture—universal access, affordability, and adoption.



Prepare for the future of work
Government leaders must build on early efforts in more sustainable ways to better serve constituents.



Securing IT all with ease
Securing connected community initiatives is an extension of the ongoing security focus for government IT.

Support connected communities with IoT

Developing strategies for deploying IT and technology devices is imperative for building connected communities.



Address bandwidth needs

Networks need capacity to support a variety of connected devices.



Simplify device management

Centralized platforms use smart automation to assist lean IT teams.



Focus on usable data

Actionable data helps government leaders make strategic decisions.



Consider cybersecurity

Overseeing thousands of new devices requires modern, higher-grade hardware.



Connect remotely

5G networking can help deploy devices for connection in the most remote locations.





Leverage for operations


Sensors can be leveraged to monitor your infrastructure and identify threats.


Bridge the digital divide


While broadband availability is the most visible constraint to universal access, affordability and adoption are also critical barriers.


-  **Consider a partnership**
Embarking on public-private partnerships is key to developing connectivity.

-  **Coordinate on all fronts**
Working together in collective networks allows favorable results at a larger scale.

-  **Keep connection in mind**
Change your mindset to use existing utility infrastructure to connect key organizations.

-  **Ensure access for all**
Technology provides a base level of connectivity even in remote and economically disadvantaged areas.


-  **Access staff capacity**
Work with a platform that allows you to set policies across the network to help with limited IT resources.


-  **Make the most of funds**
Governments need to navigate the requirements for federal grants to support technology purchases.





Prepare for the future of work


Keep sustainability at the forefront of planning to best preserve initiatives, especially while setting the foundation for a better future.


-  **Focus on simplicity**
Agencies need ways to manage devices, access VPN, and authenticate securely.

-  **Supporting in-office needs**
Connected IoT solutions can help manage hybrid workplaces for a “work-from-anywhere” model.

-  **Build a unified platform**
Agencies can weave together multiple cloud-based applications on a common platform.


-  **Thinking outside payroll**
Ensuring the entire community has the bandwidth to enable hybrid work is critical.


-  **Catalog and identify gaps**
IT organizations should catalog shortcomings and track devices to strategically plan for the future.


-  **Recognize differing needs**
It's important to recognize that different agencies and functions require different tools to work effectively.


Secure IT for all with ease


Keeping sustainability at the forefront of planning is important to best preserve initiatives.


-  **Set an always-on approach**
Look to your utilities for a conceptual, consistent framework to help with risk mitigation.

-  **Gather internal stakeholders**
Security, connectivity, cloud, and operations all have critical roles to play in comprehensive security.

-  **Identify critical needs**
It is important for leadership to define a focus area as you begin your IoT security journey.

-  **Ensure privacy standards**
Secure data and sensitive information in ways consistent with federal guidelines.

-  **Focus on training**
Continue to establish training plans and periodically test employee knowledge.

-  **Educate the community**
Educate residents about cyber hygiene and help protect personal devices.

Ready to learn more?

[Download our GovTech Handbook.](#)