



2019 PTI Top Issues and Policies

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and

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PTI Survey Research – Available at PTI.ORG

State of City and County IT National Survey – Annual survey of local government technology executives

1. Which emerging I.T. areas will have the most impact on local governments in the next 3–5 years?
2. Analytics: How does the I.T. Department support the needs of other departments/customers?
3. The Local Government Approach to Delivering Digital Services
4. Smart City/County Strategy and the Role of the Information Technology Department
5. What's the status of the cybersecurity program and environment in your local government?



Which emerging I.T. areas will have the most impact on local governments in the next 3–5 years?

#1

INTERNET OF THINGS (IOT)

#3

BLOCKCHAIN

#4

CONNECTED/
AUTONOMOUS
VEHICLES

#6

AUGMENTED/
VIRTUAL
REALITY

#2

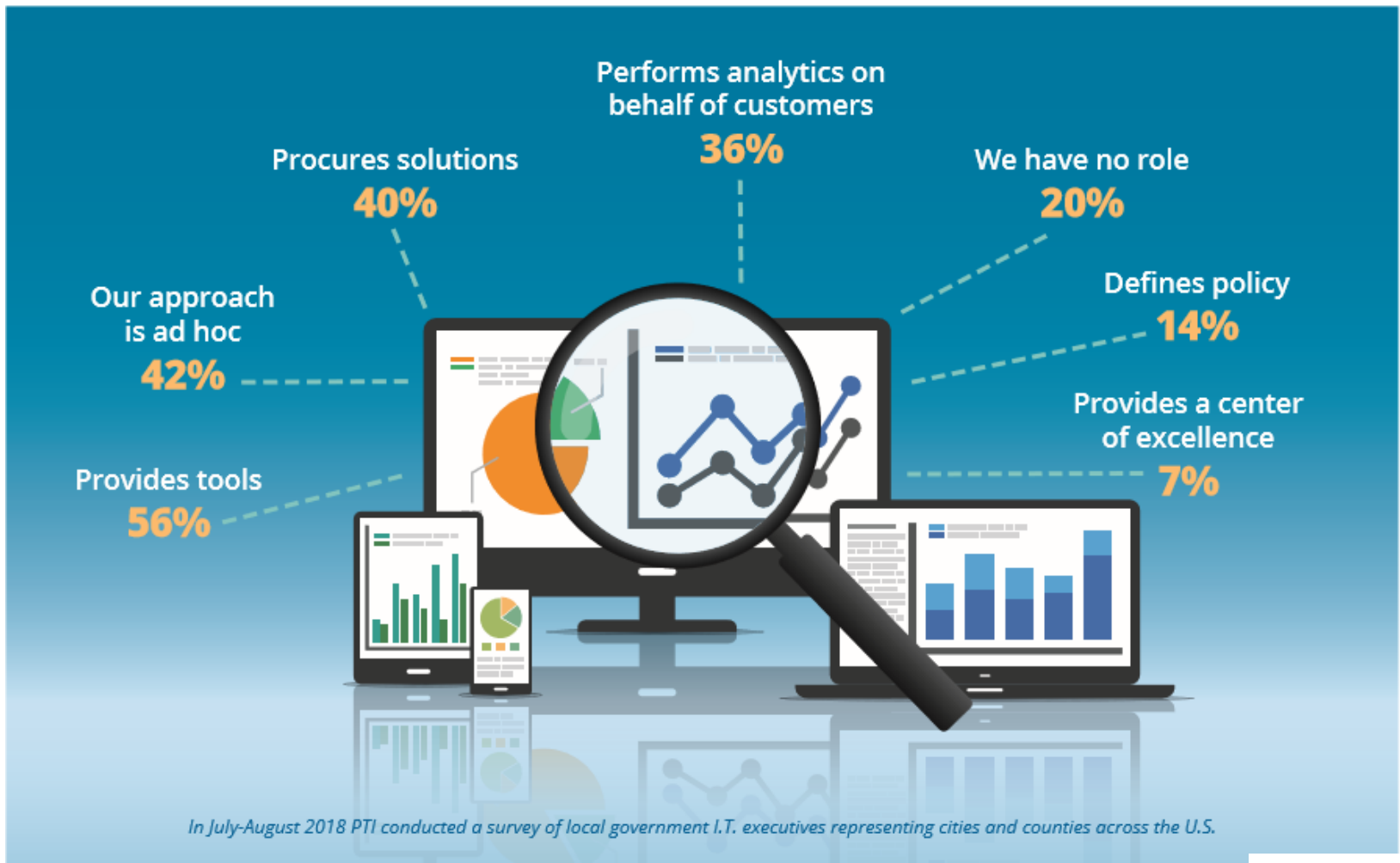
ARTIFICIAL
INTELLIGENCE/
MACHINE
LEARNING

#5

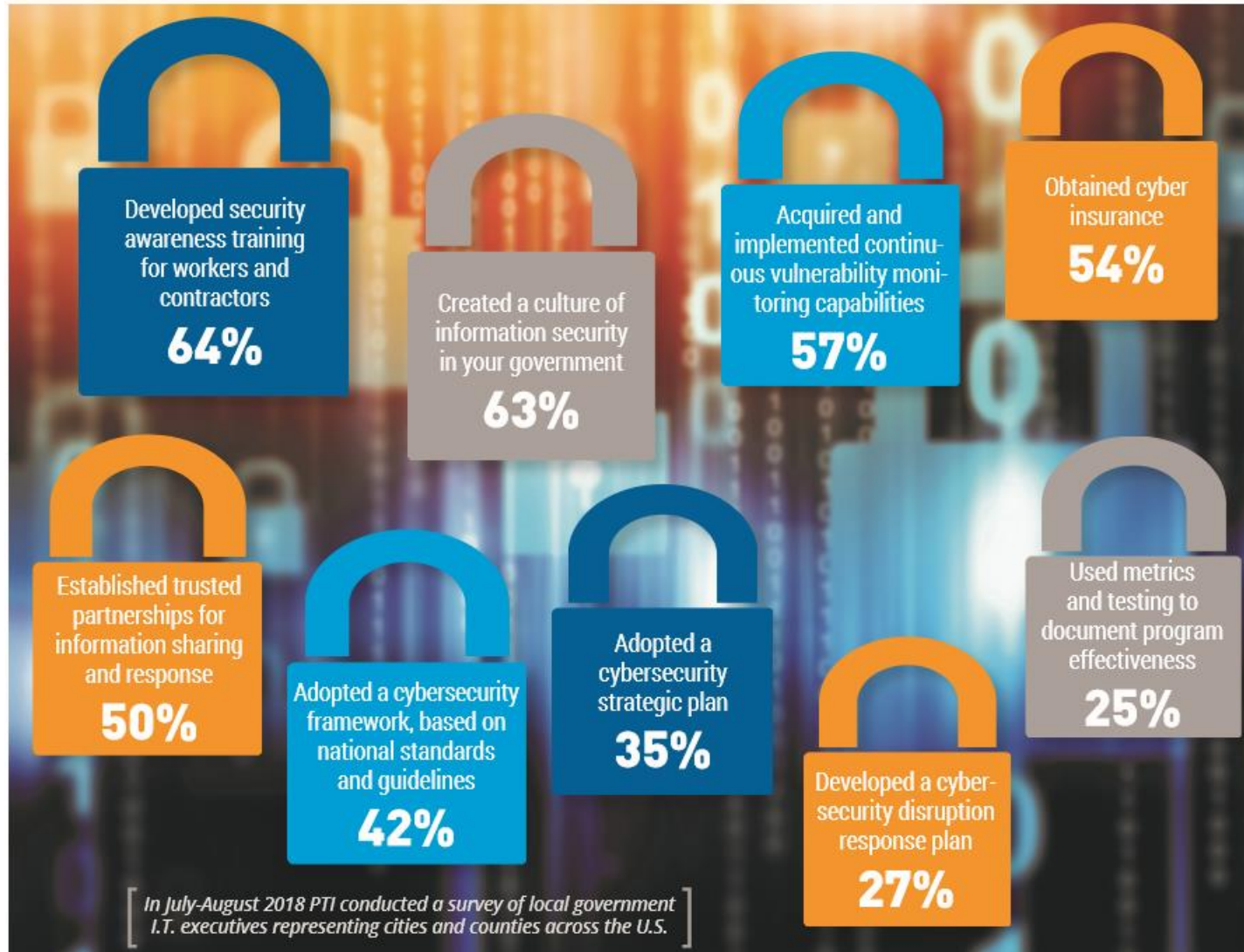
UNMANNED
AIRCRAFT
SYSTEMS (UAS)



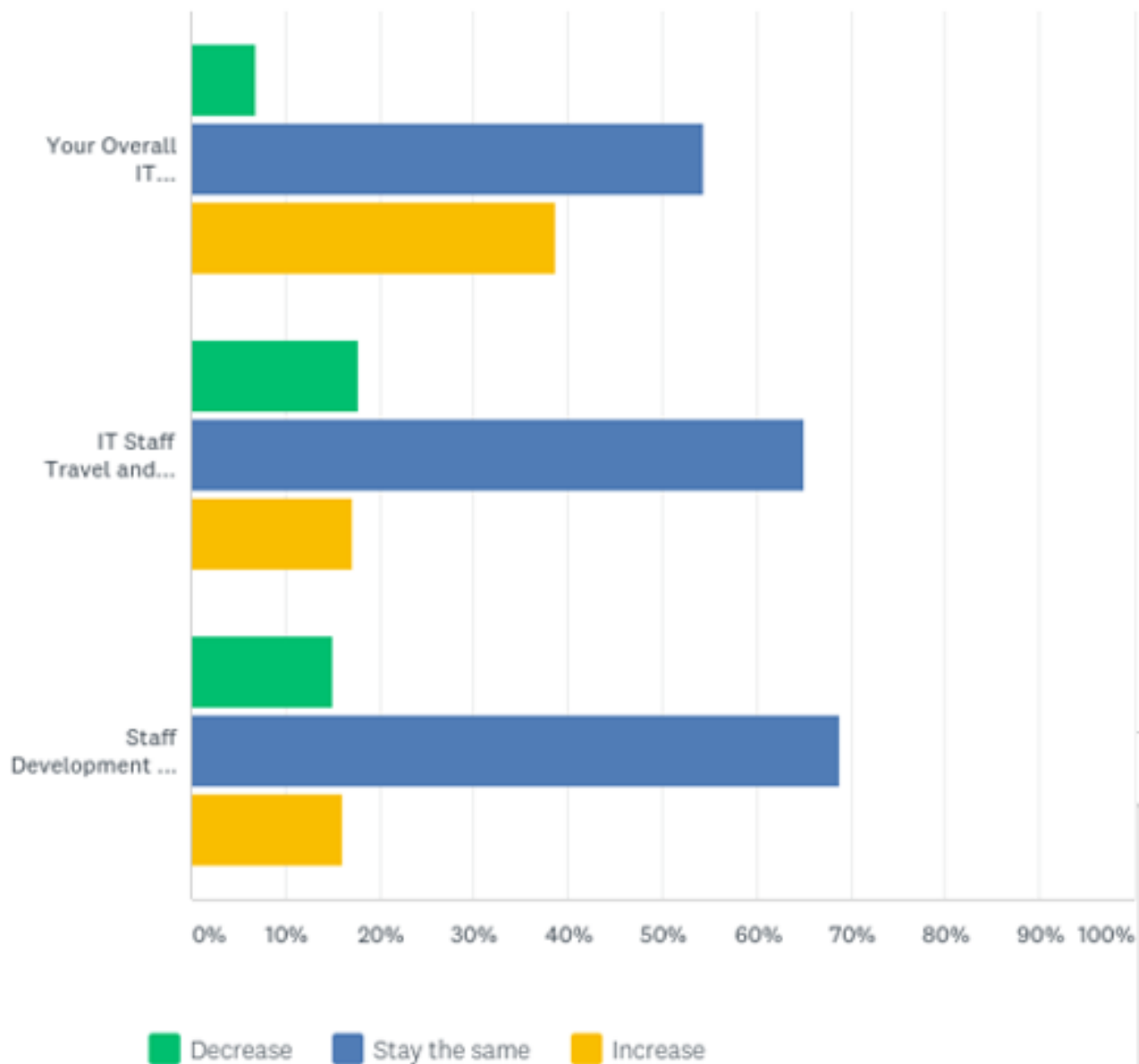
Analytics: How does the I.T. Department support the needs of other departments/customers?



What's the current status of the cybersecurity program and environment in your local government?



Q4: How do you expect the following will be impacted over the next year?



“Ins and Outs 2019”

OUT	IN
1. Cyber Security as a concern	Cyber Security as a crisis
2. Perimeter-Based Security Focus	Holistic Active Monitoring and Response Systems
3. Smart Applications	Smart Government
4. Database transactions	Blockchain
5. Uber/Lyft	Bikes/Scooters/Autonomous vehicles
6. Smart software	Artificial Intelligence (AI)
7. Robotics	Robots/Bots
8. Innovation	Change Management
9. Virtual & Augmented Reality	Mixed Reality
10. Hiring IT Staff (internal)	Managing IT staff (external)

Source: Dr. Alan Shark, January 2019

Top 10 Technology Priorities – Local Government Latest Survey Results

1. Security and Risk Management

– (#1 for State and Local CIOs)

2. Budget, Cost Control, Fiscal Management (#6 for NASCIO)

3. Customer Relationship Management (#7 for NASCIO)

4. Consolidation / Optimization (#3 for NASCIO)

5. Enterprise IT (#9 for NASCIO)

6. Identity and Access Management (#10 for NASCIO)

7. Broadband / Wireless Connectivity (#5 for NASCIO)

8. Cloud Services (#2 for NASCIO)

9. Digital Government (#4 for NASCIO)

10. Data Management and Analytics (#8 for NASCIO)



2019 Top Policy Issues

- Net Neutrality
- Disruptive Technologies
- Autonomous Vehicles
- Procurement Reform
- Privacy
- Surveillance
- Artificial Intelligence
- Capital budgets vs. Operations Budgets
- IT Modernization
- Rural Broadband
- FirstNet

Source: Alan R. Shark. 2019

Additional PTI Research Resources

Weekly email scan of technology news

January 16, 2019

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TOP NEWS

Blockchain makes new inroads into public sector

GCN

Over the past month, several states, local governments and federal agencies have started to explore blockchain's capabilities through pilot projects, legislation and research. [READ MORE](#)

PTI NEWS

Technology Forecast 2019: State and Local Governments

PTI

Thursday, January 17, 2019
2:00 PM - 3:00 PM

This annual webinar, presented by PTI and NASCIO, provides an overview of the pressing technology issues that will be impacting state and local governments for the coming year. Presenters are Doug Robinson, Executive Director, NASCIO, and Alan Shark, Executive Director, PTI.
PTI Staff Contact: [Dale Bowen](#), Deputy Executive Director for Program Development, 202-626-2456.

MISSED AN ISSUE OF TECHNOLOGY MATTERS? [VISIT AND SEARCH](#) THE ARCHIVE TODAY.

INDUSTRY NEWS

Public sector workplaces turning to the cloud

Emails from PTI on upcoming events, new research, webinars, etc.

Public Technology Institute **TECHMOMENT**
The resource for technology executives in local government

November 8, 2018

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Summit Highlights

- Critical Issues in Technology Leadership
- Confessions of a CIO - Both Succeeded and Not
- Data Visualization: One Thousand Words



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Questions?



Technology Forecast 2019



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