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United States®
**Census
2020**

Technology for the 2020 Census

United States Census Bureau

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United States Census Bureau

Mission: To serve as the leading source of quality data about the nation's people, places and economy.

Goal: Our goal is to provide the best mix of timeliness, relevancy, quality and cost for the data we collect and services we provide.

Decennial Census: Constitutional Mandate

To conduct a census of population and housing and disseminate the results to the President, Congress, and the American people.

To apportion representation among states.



The 2020 Census Environment

The 2020 Census is being conducted in a rapidly changing environment, requiring a flexible design that takes advantages of new technologies and data sources while minimizing risk to ensure a high quality population count.



2020 Census: A Complete and Accurate Count of the Population and Housing



Count everyone once,
only once, and in the right place.

2020 Census: Key Innovation Areas



Reengineering
Address Canvassing



Optimizing
Self-Response



Utilizing
Administrative
Records and
Third-Party Data

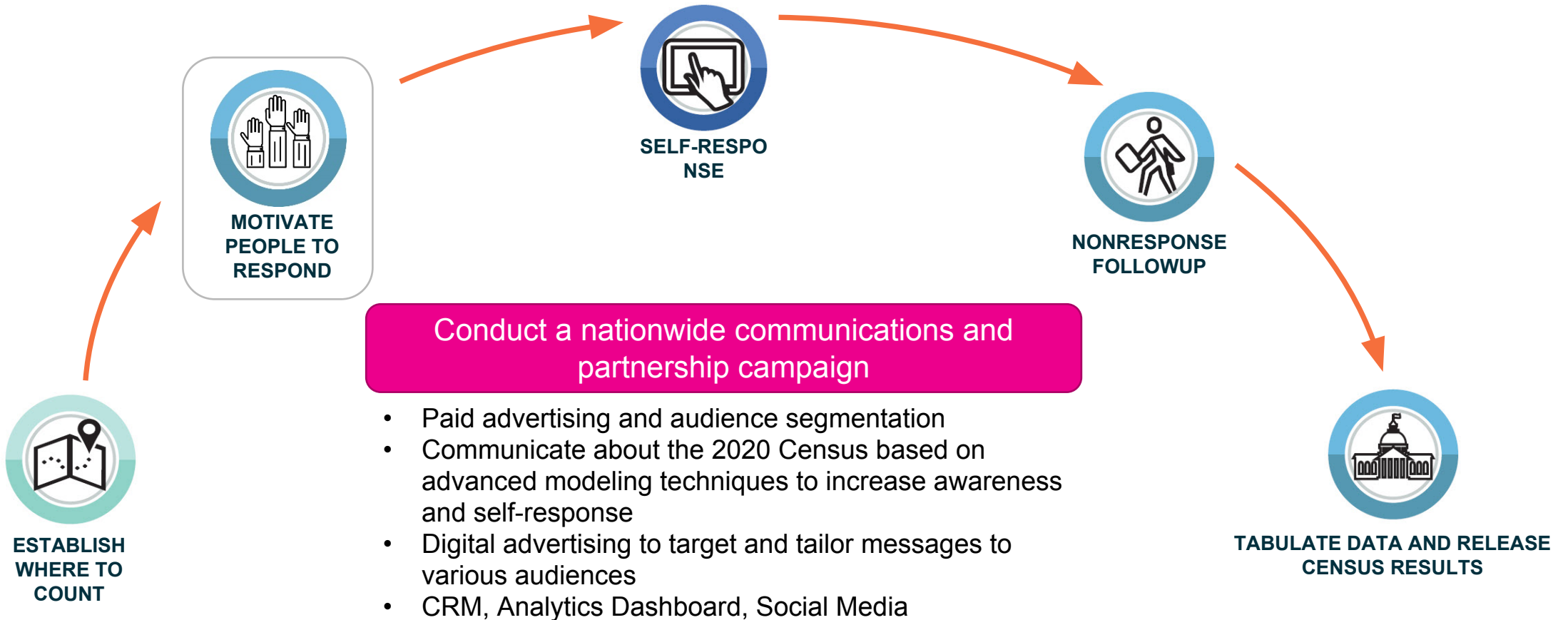


Reengineering Field
Operations

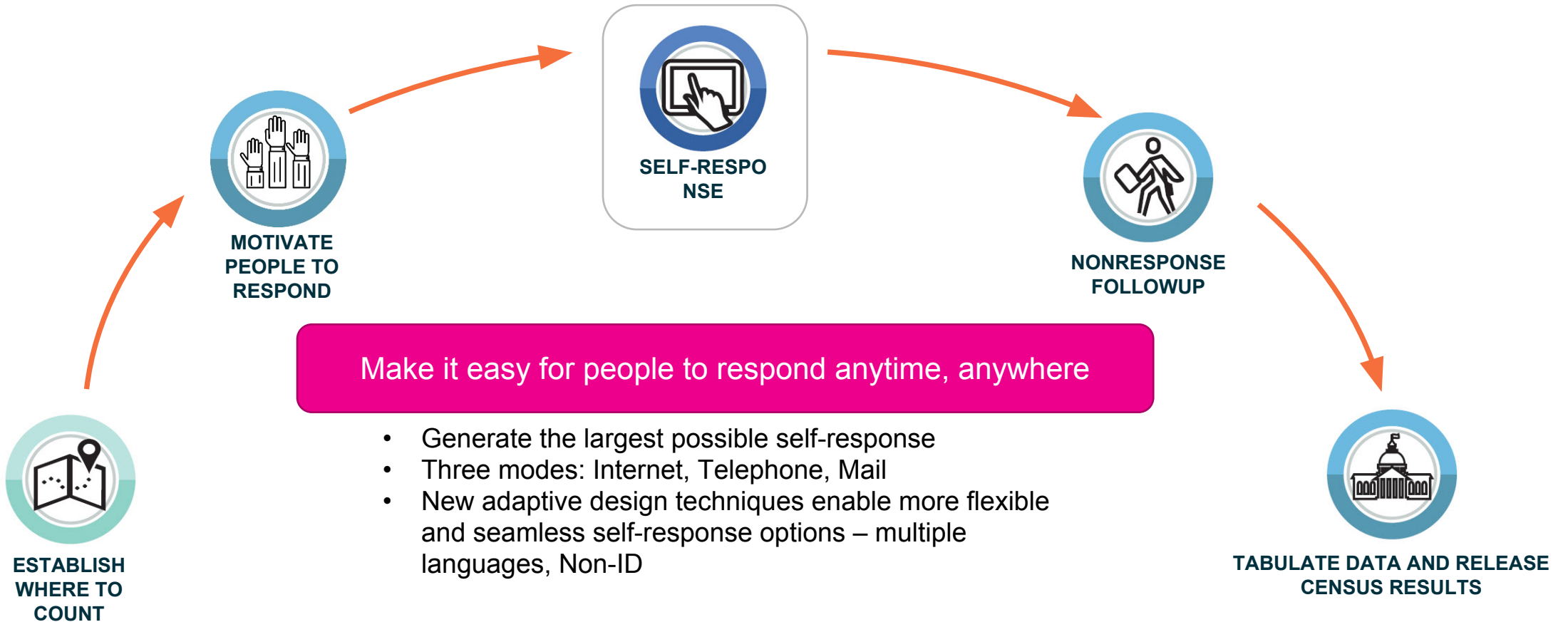
Establish Where to Count



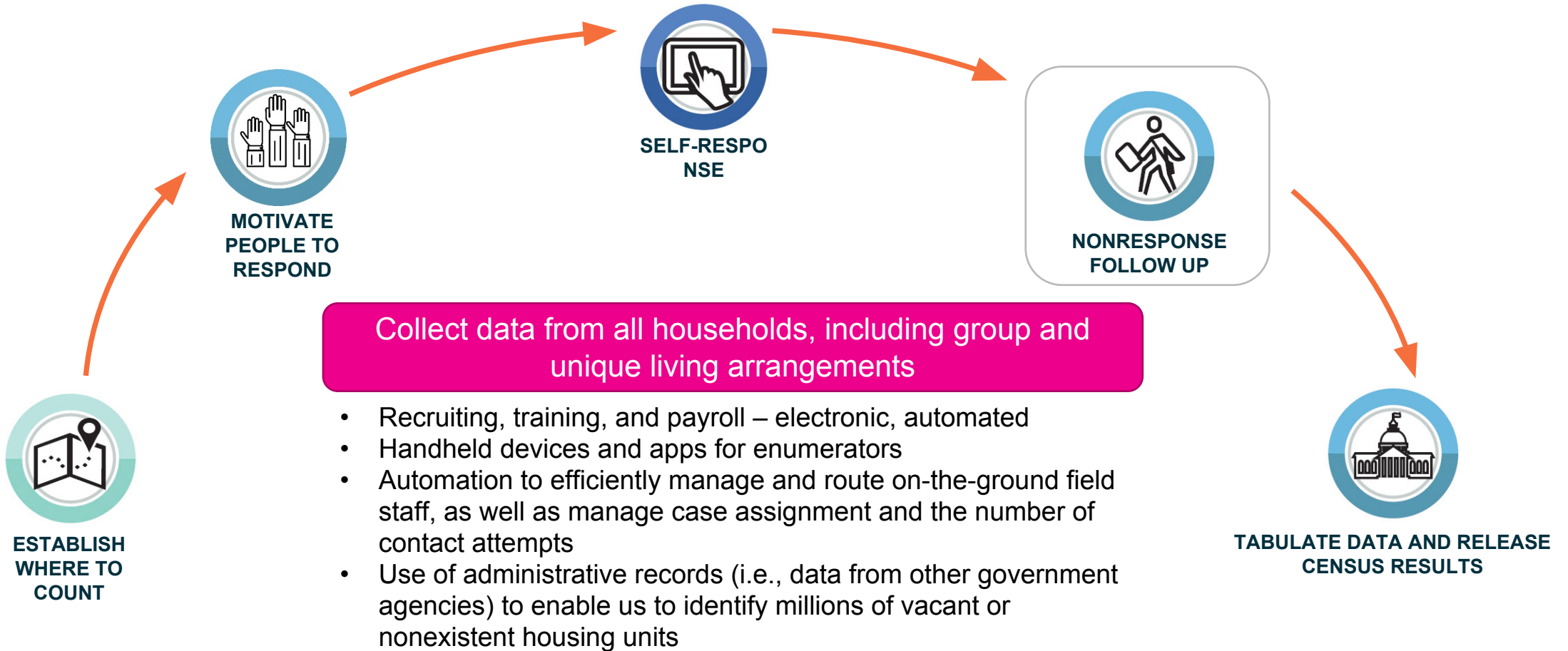
Motivate People to Respond



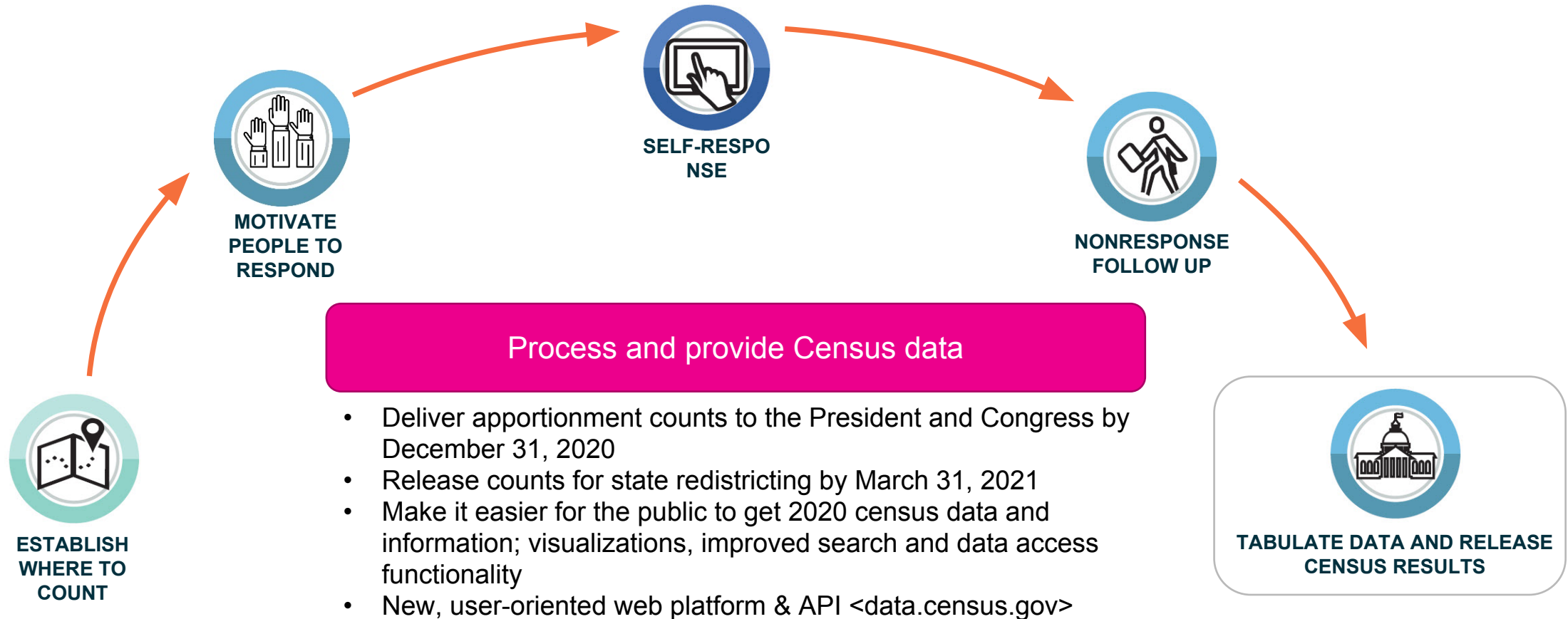
Self-Response



Nonresponse Follow Up



Tabulate Data and Release Census Results



Bringing the Technology Pieces Together

35 Operations, 52 Systems

Cloud

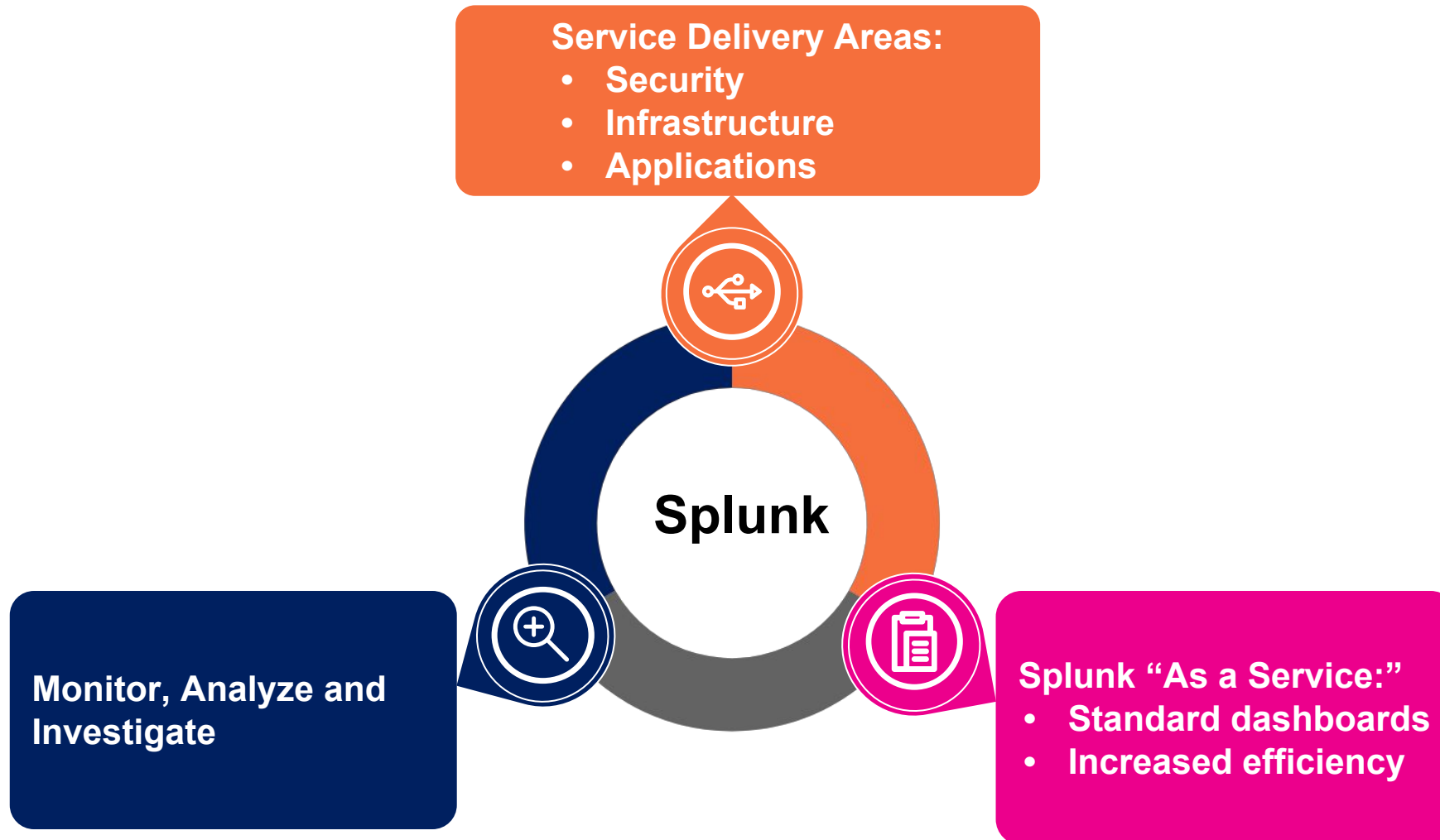
Data Center on Premises

Device as a Service

Technical Integration

Performance and Scalability

2020 Census & The Role of Splunk



Service Delivery Areas

Security

- ▶ Assist 2020 Census operations and systems to adhere to appropriate (data) security policies and procedures.

IT Infrastructure

- ▶ Ensure the integrity and availability of decennial infrastructure in the data centers, cloud, and field, inclusive of the mobile computing platform.

Applications

- ▶ Ensure the integrity and availability of systems, services, and applications supporting the decennial operations.

Monitor, Analyze and Investigate

- Firewall
- IDMS
- Security Domains

Security Data Sources

- Servers
- Network
- Storage
- COTS

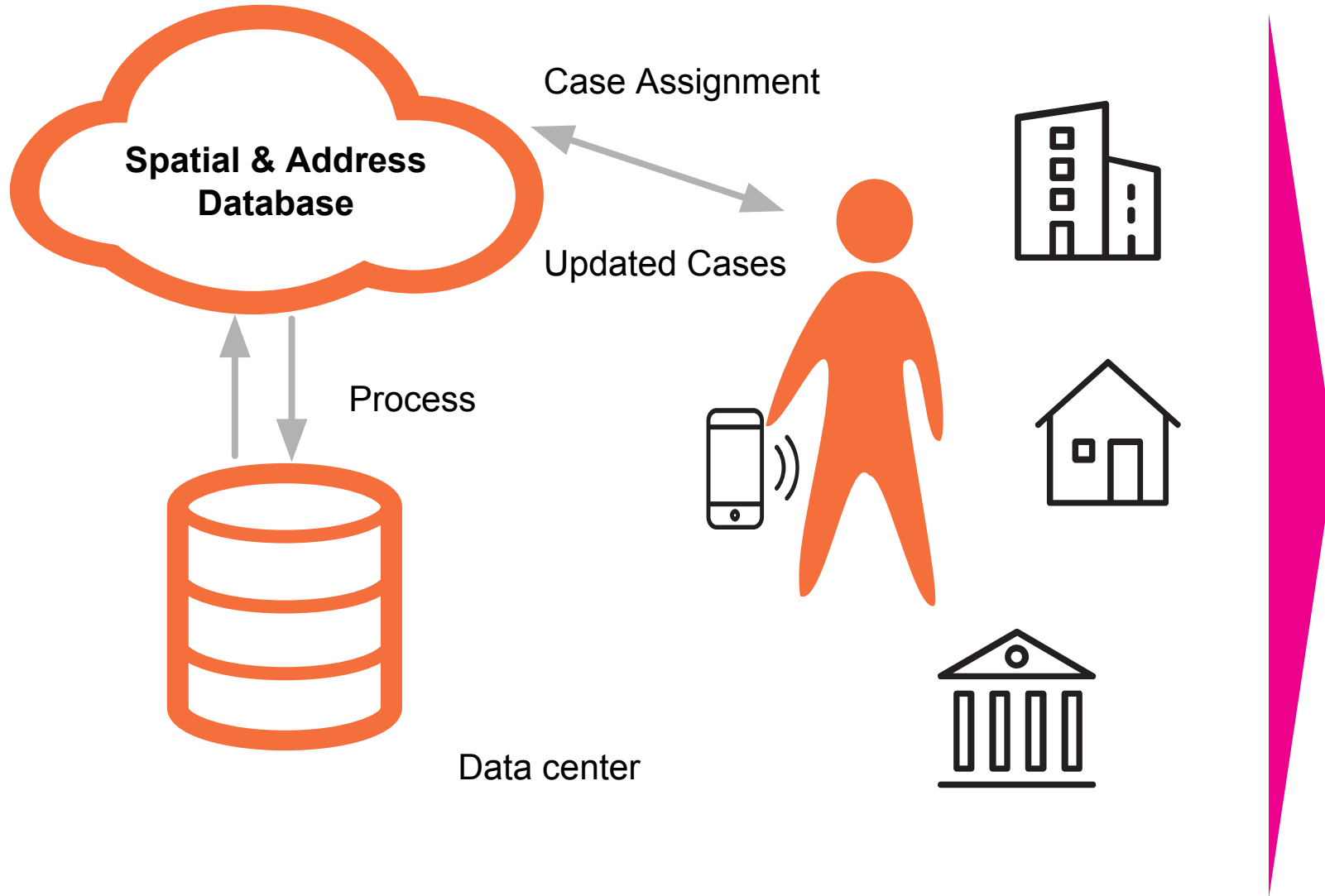
IT Data Sources

Splunk

Application & Infrastructure Availability

- Uptime
- Performance
- Security
- Access

Decennial Census

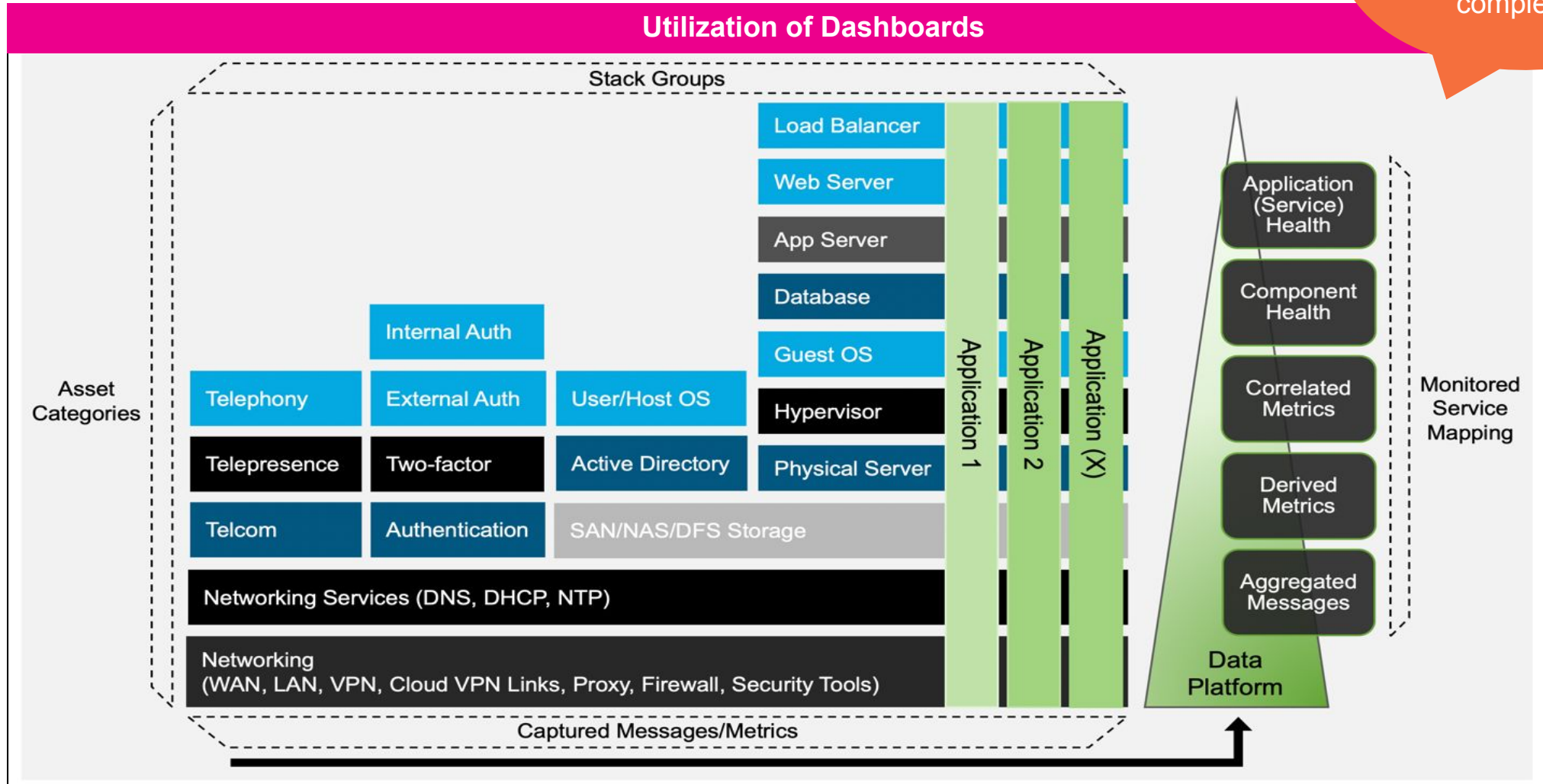


Securely managed services

- Device read
- Account activated
- Assignment downloaded and completed
- Cases transmitted
 - Errors
 - Re-attempts
 - Failures
 - Reconciliations
- Successful processing
- Address Updates
- Status & updates

Splunk as a Service

Increased efficiency & reduced complexity



We protect your responses and keep them strictly confidential and secure

Privacy and confidentiality laws



Continuous testing and monitoring



Technology Enhancements



Shape your future: The 2020 Census



Why it is important to respond

Apportion representation among states as mandated by Article 1, Section 2 of the U.S. Constitution

Draw congressional and state legislative districts, school districts, and voting precincts

Distribute more than \$675 billion federal dollars annually to states

Inform federal, tribal, state, and local government planning decisions

Inform business and nonprofit organization decisions (e.g., where to locate, size of the market)



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Thank

You



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