

Data Privacy and Security Awareness

Office of Data System Management
Jason Young



August 1, 2016

Data Privacy and Security Events across the Nation

- ❑ Importance of Transparency
 - ❑ “Nonprofit inBloom to Shut Down Amid Growing Data-Privacy Concerns”

- ❑ Importance of Security
 - ❑ Swedesboro-Woolwich Elementary School District

- ❑ State Auditor’s Cyber Awareness Initiative
 - ❑ Five school districts have been audited recently by the State Auditor’s Office. Data privacy and security was a focus in those audits.

State Legislation across the Nation

- ❑ 2014 – 110 student data privacy bills
- ❑ 2015 – 182 student data privacy bills
- ❑ 2016 (thus far) – 69 student data privacy bills

**Data
Collection**

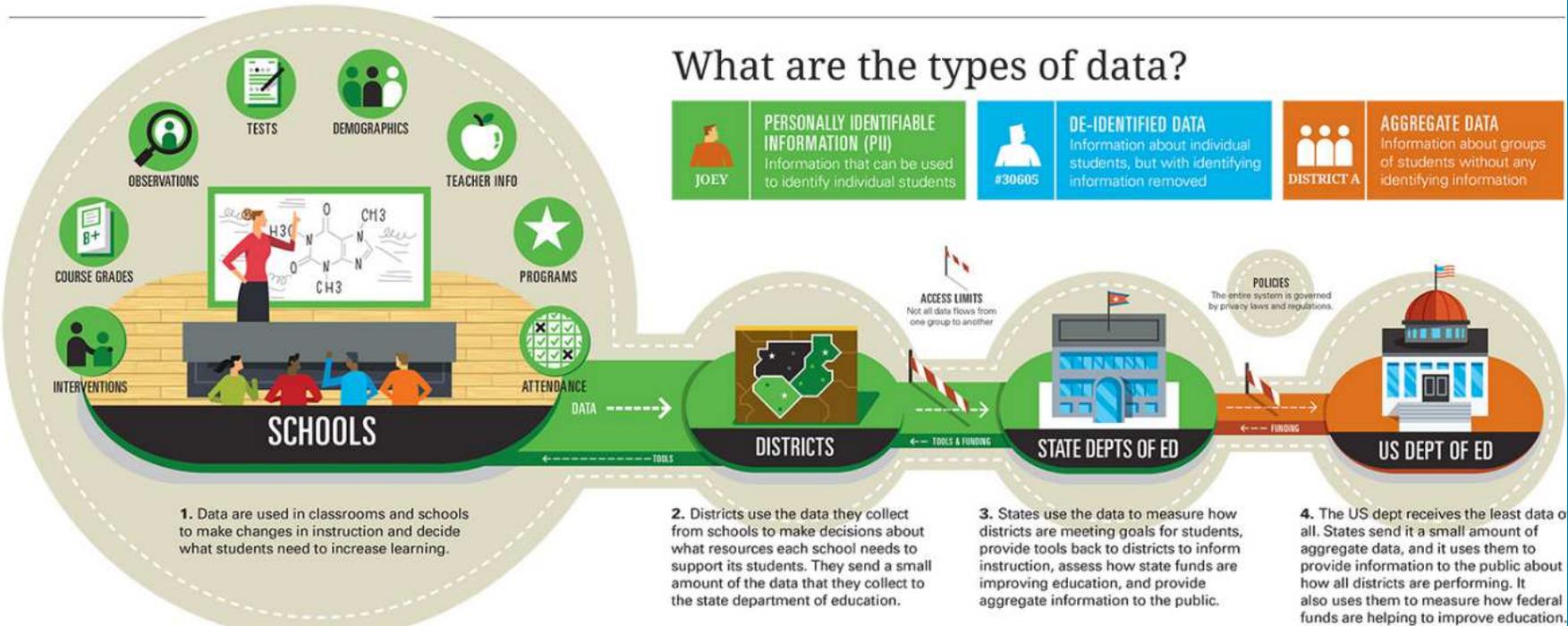


**Third-Party
Service
Providers**

Who uses student data?

Most personal student information stays local. Districts, states, and the federal government all collect data about students for important purposes like informing instruction and providing information to the public. But the type of data collected, and who can access them, is different at each point. From schools to the U.S. Department of Education, see how student data are—and are not—accessed and used.

What are the types of data?



Data Governance

Data Governance is a set of policies and procedures which encompass the full life cycle of data. From acquisition, to usage, to disposal.



Where to begin?

- ❑ Avoid Paralysis by Analysis

- ❑ Bring the right people to the table and discuss Data Governance
 - ❑ School Administrators
 - ❑ Users
 - ❑ Student Information Managers
 - ❑ Data Managers

Data Governance



Strategy

“Elevate the performance of our students to prepare them for life’s endless challenges and possibilities.”

- *Learners are connected to the world outside the school.*
- *Technology tools are readily available and easily accessible to support personal learning.*



Data Governance



Organization

School Administrators
Data Stewards
Privacy Officer
Technology Staff



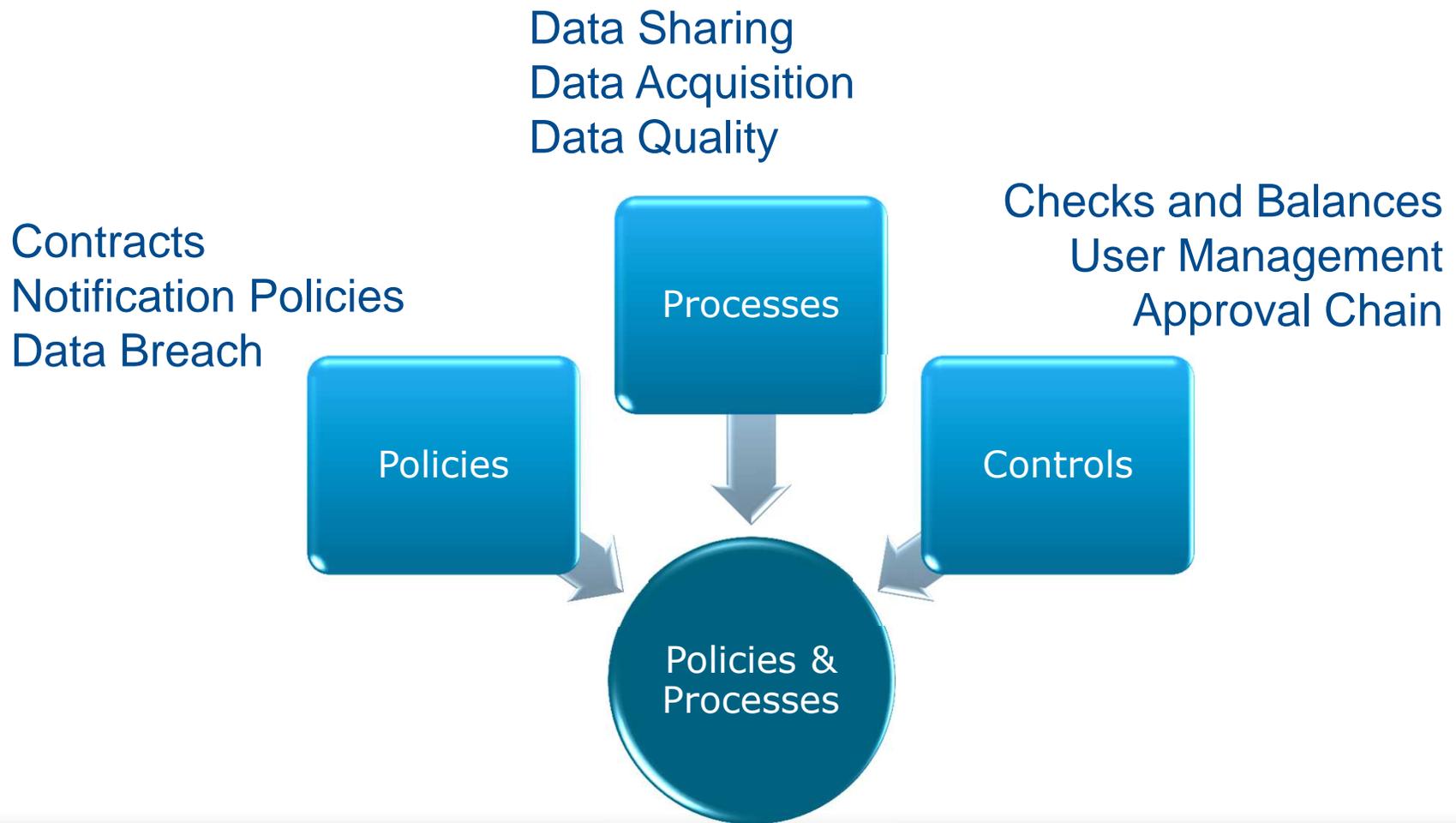
User Management
Contract Review
Data Security
Policy Approver



Data Governance



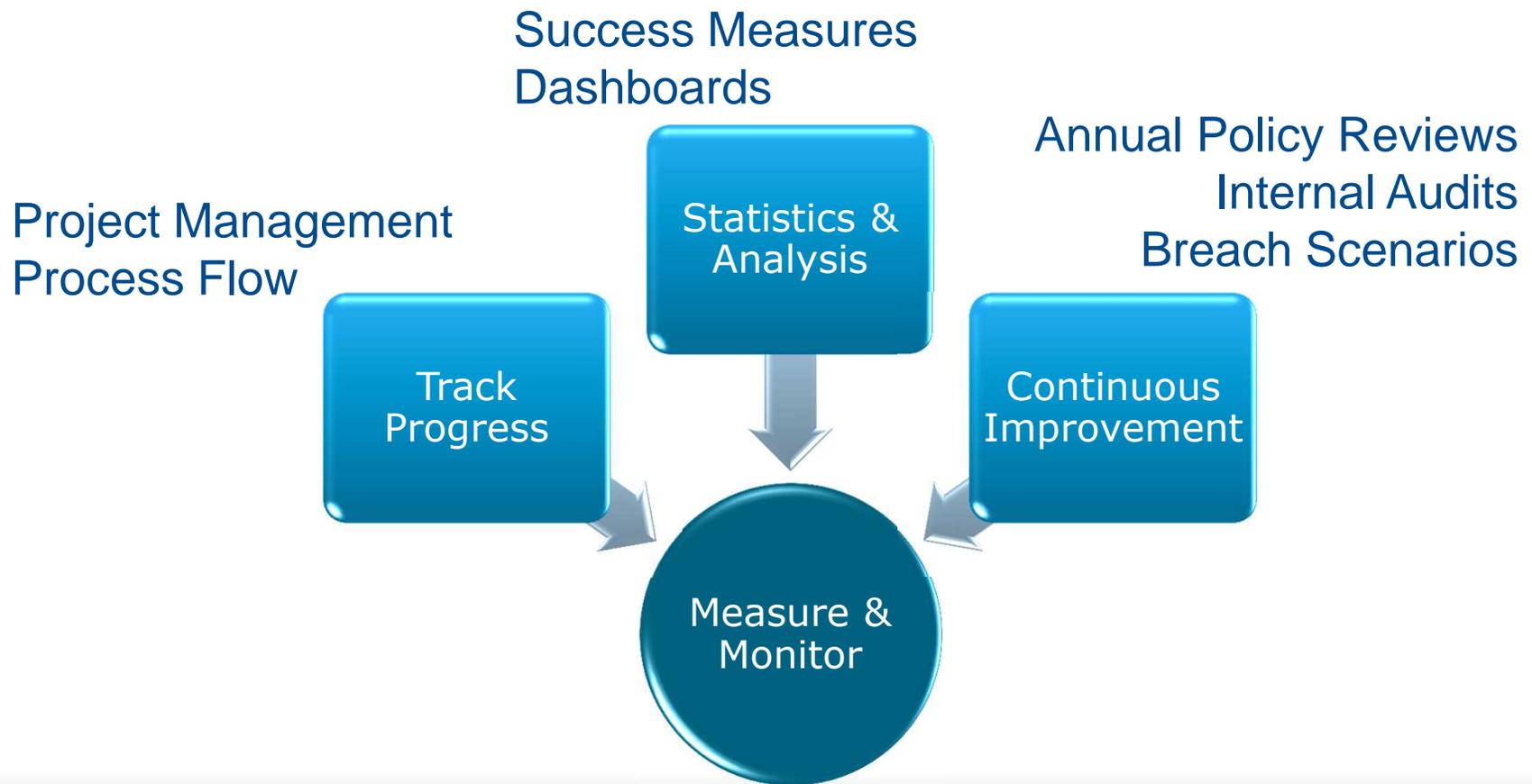
Policies and Processes



Data Governance



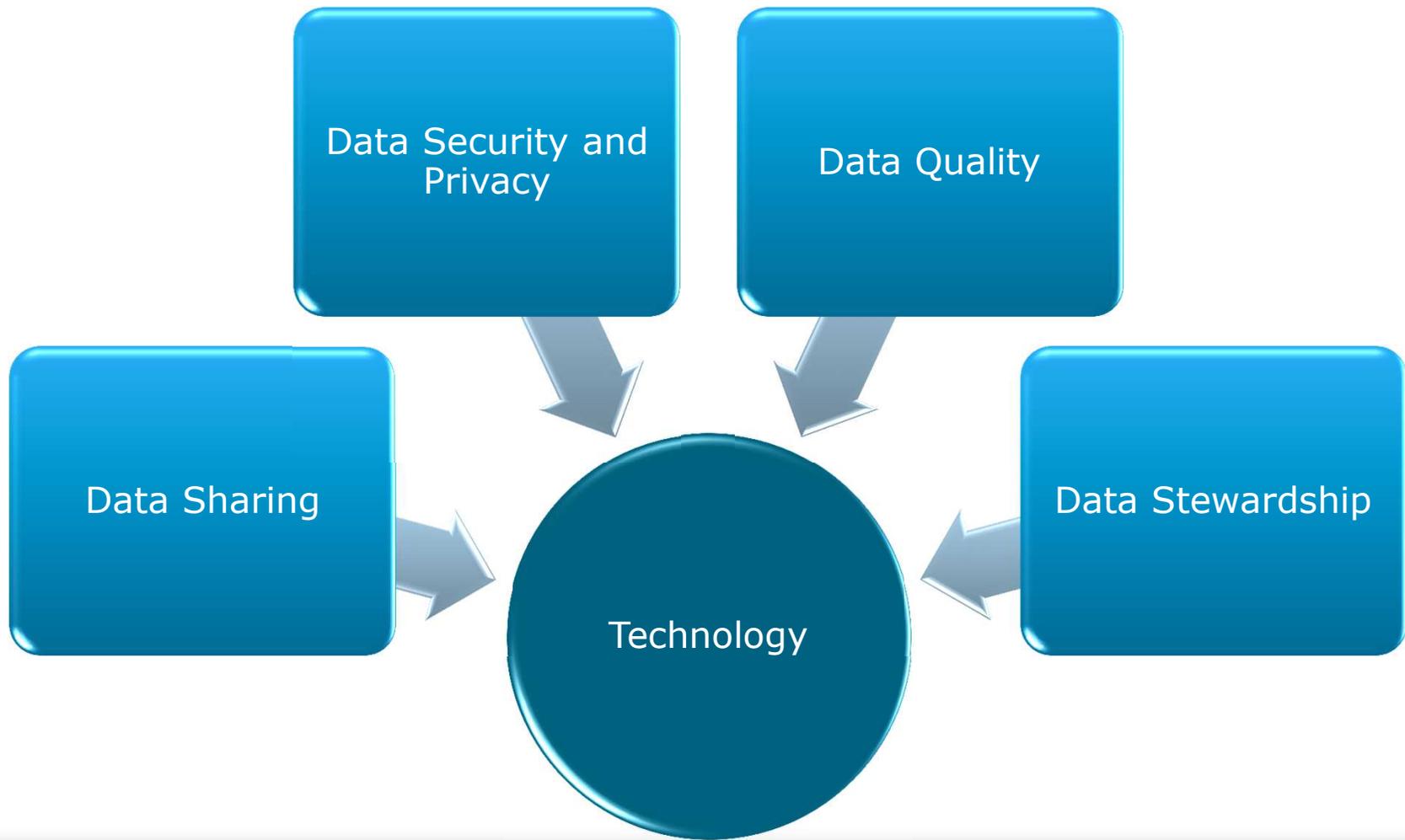
Measure and Monitor



Data Governance



Technology



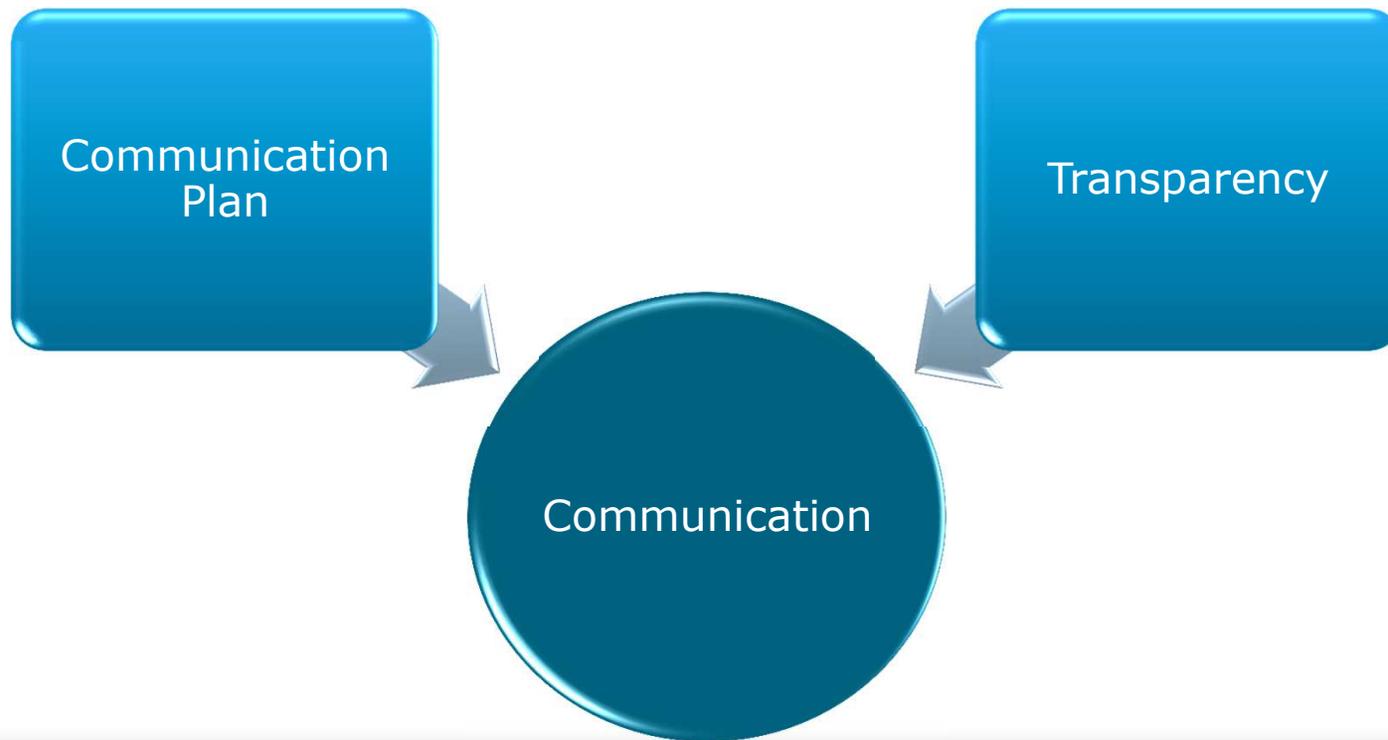
Data Governance



Communication

Internal and External
Change Management
Mechanisms

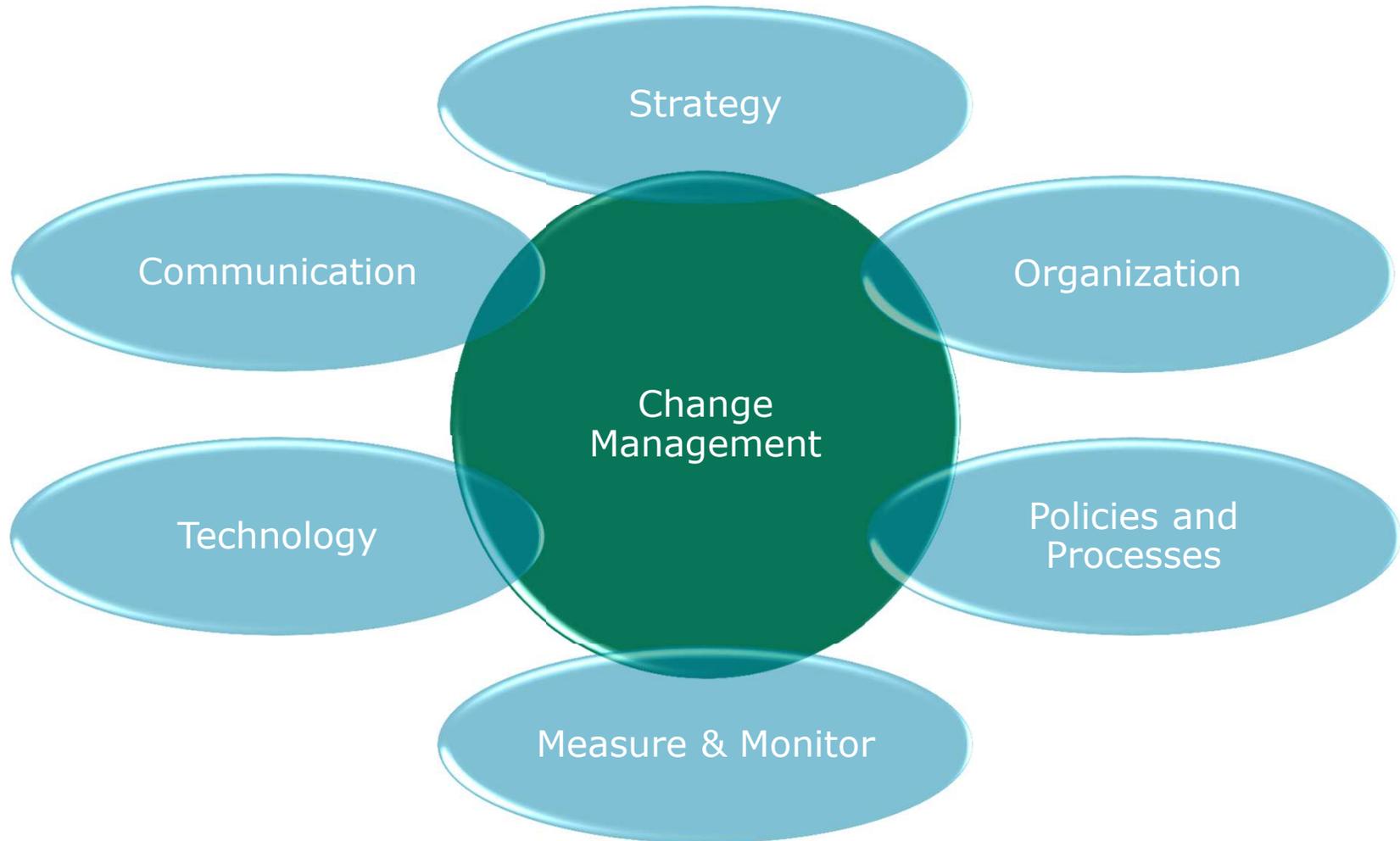
Data Acquisition
Metadata
Justifications



Data Governance



Change Management



Awareness and Resources

- ❑ National Center for Education Statistics (NCES)
 - ❑ Forum Guide to Protecting the *Privacy of Student* Information

- ❑ Data Quality Campaign (DQC)
 - ❑ Privacy, Security, and Confidentiality
 - ❑ Student Data Privacy Legislation

- ❑ Education Week
 - ❑ Special Report on Student Data Privacy

- ❑ State Auditor Galloway's Cyber Awareness Initiative

Awareness and Resources

□ Find and Repurpose

- Leverage existing Data Governance Plans.
 - Jefferson County School Board Data Governance Plan
<http://goo.gl/mDSwqt>

Awareness and Resources

PTAC Toolkit

<http://ptac.ed.gov/toolkit>

- ❑ Checklists and Best Practices
 - ❑ Data Governance
 - ❑ Student Privacy Program
 - ❑ Security Best Practices
 - ❑ Data Sharing/Dissemination
 - ❑ Disclosure Avoidance
 - ❑ Legal References

- ❑ FERPA 101 - <http://ptac.ed.gov/>
 - ❑ Free Online Videos and Courses

User Manager

- ❑ Allows district User Managers ability to securely grant district/LEA staff access to DESE's web applications.
- ❑ Typically there are at least 2 User Managers at each district/LEA, one of which is the Superintendent.

User Manager Application Updates

- Effective September 1, 2016, a new function to User Manager is an Assurance Agreement. Each district will be required to review the district staff and ensure their access is correct.

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