Data and COVID19 – DIR/DSHS Partnership

Vital Statistics 66th Annual Conference - 2020
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Texas Department of Information Resources

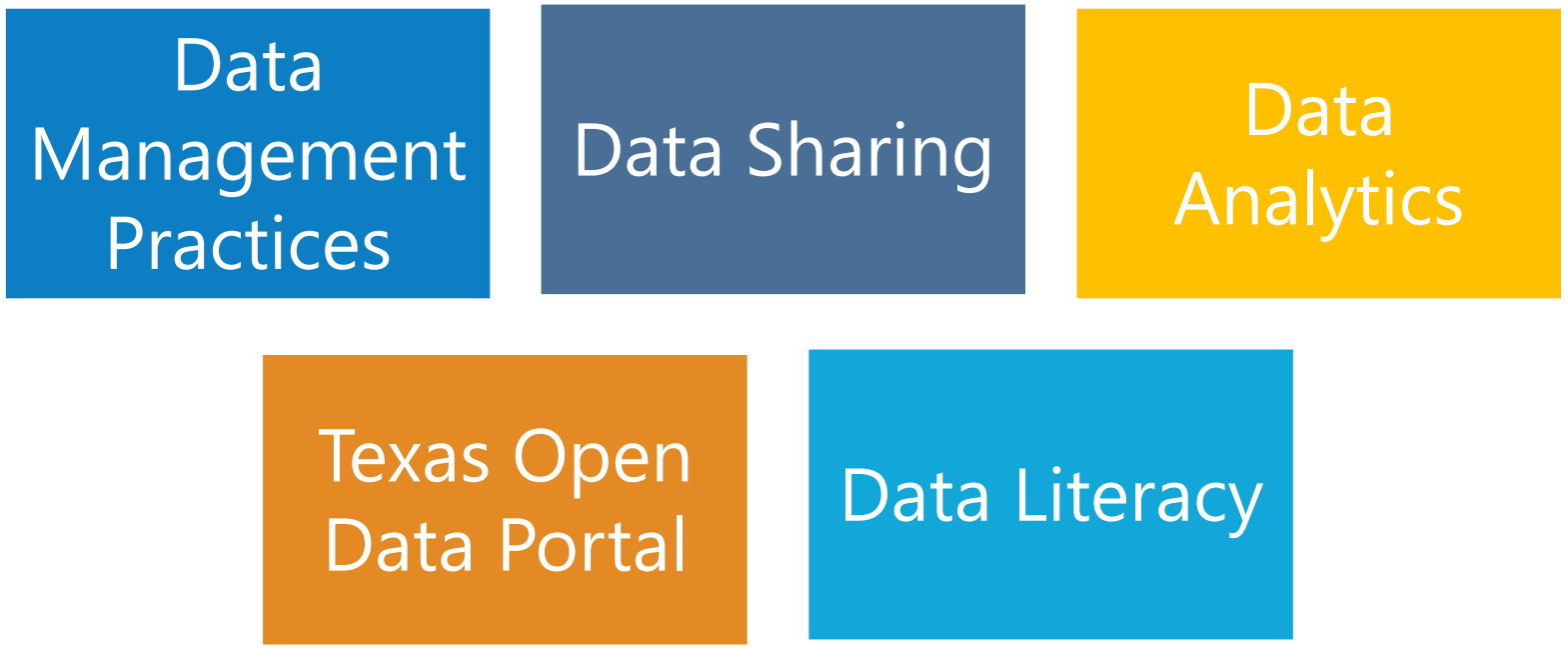
Transforming How Texas Government Serves Texans

Ed Kelly
Chief Data Officer, State of Texas

John Hoffman,
Chief Technology Officer, Deputy CIO, State of Texas

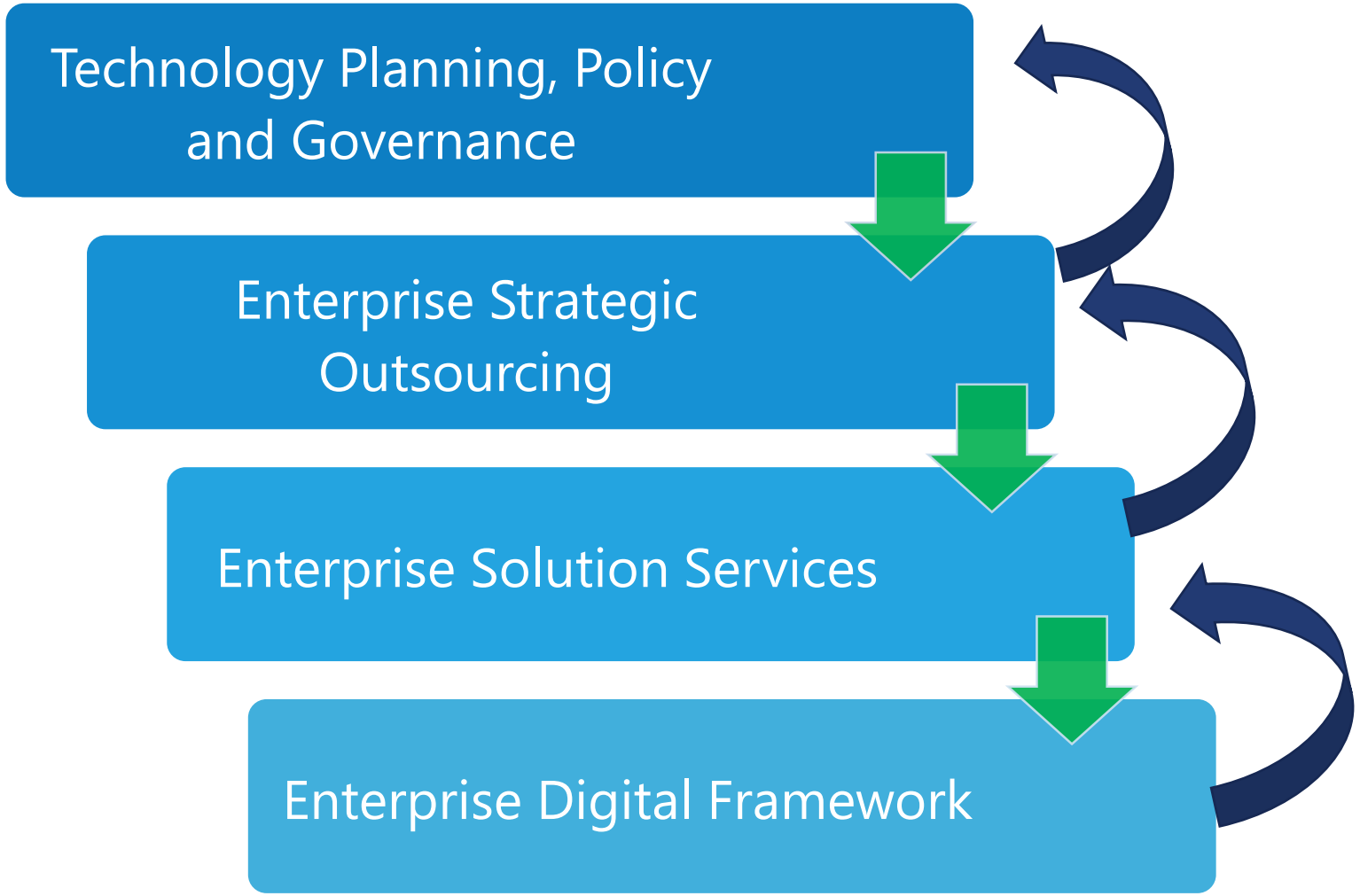
Texas Data Management Program

Through leadership and collaboration the Office of the Chief Data Officer establishes the statewide data management strategic direction and best practices for our community of customers.

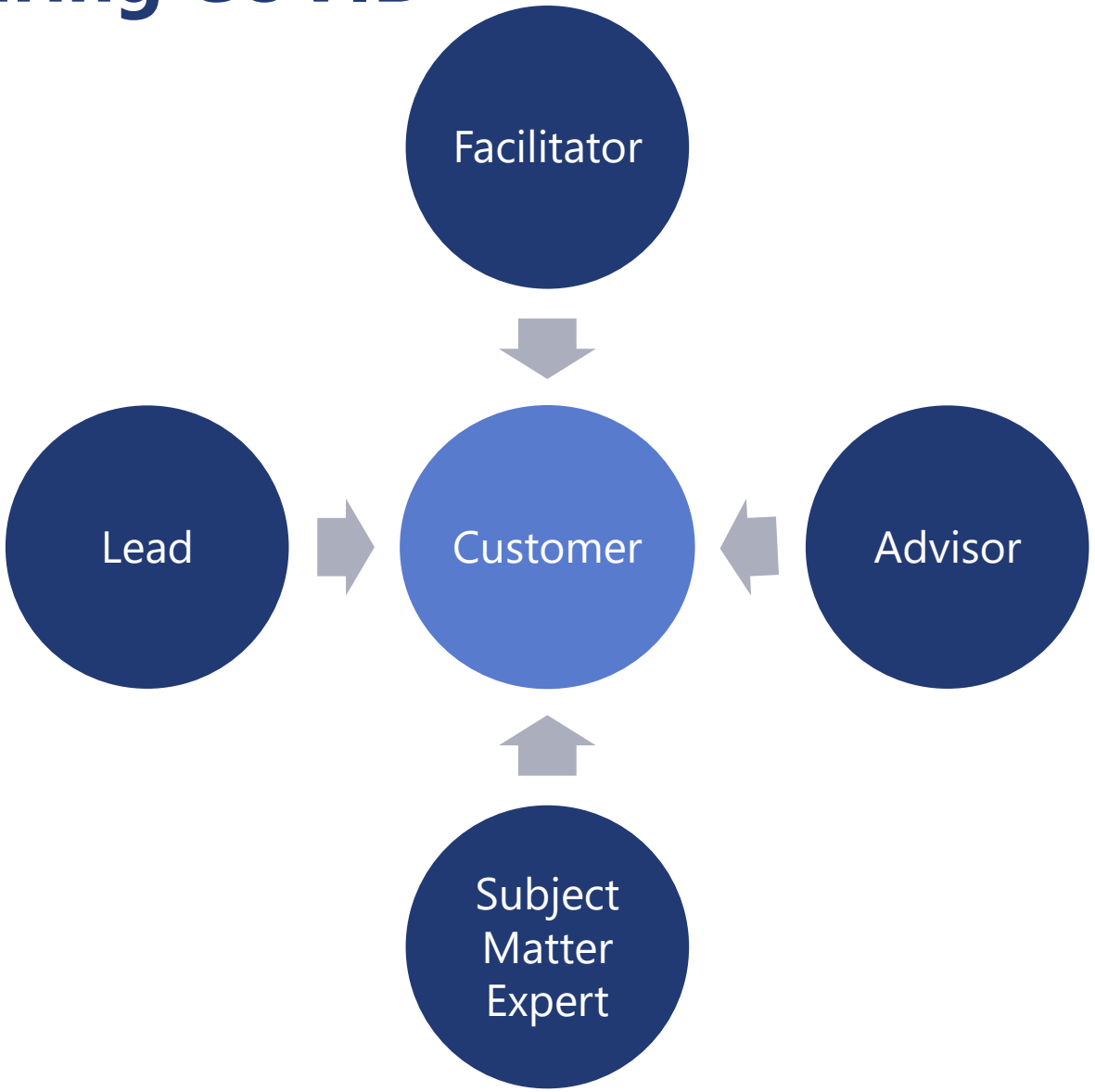


DIR Chief Technology Office

DIR CTO



DIR's Role During COVID



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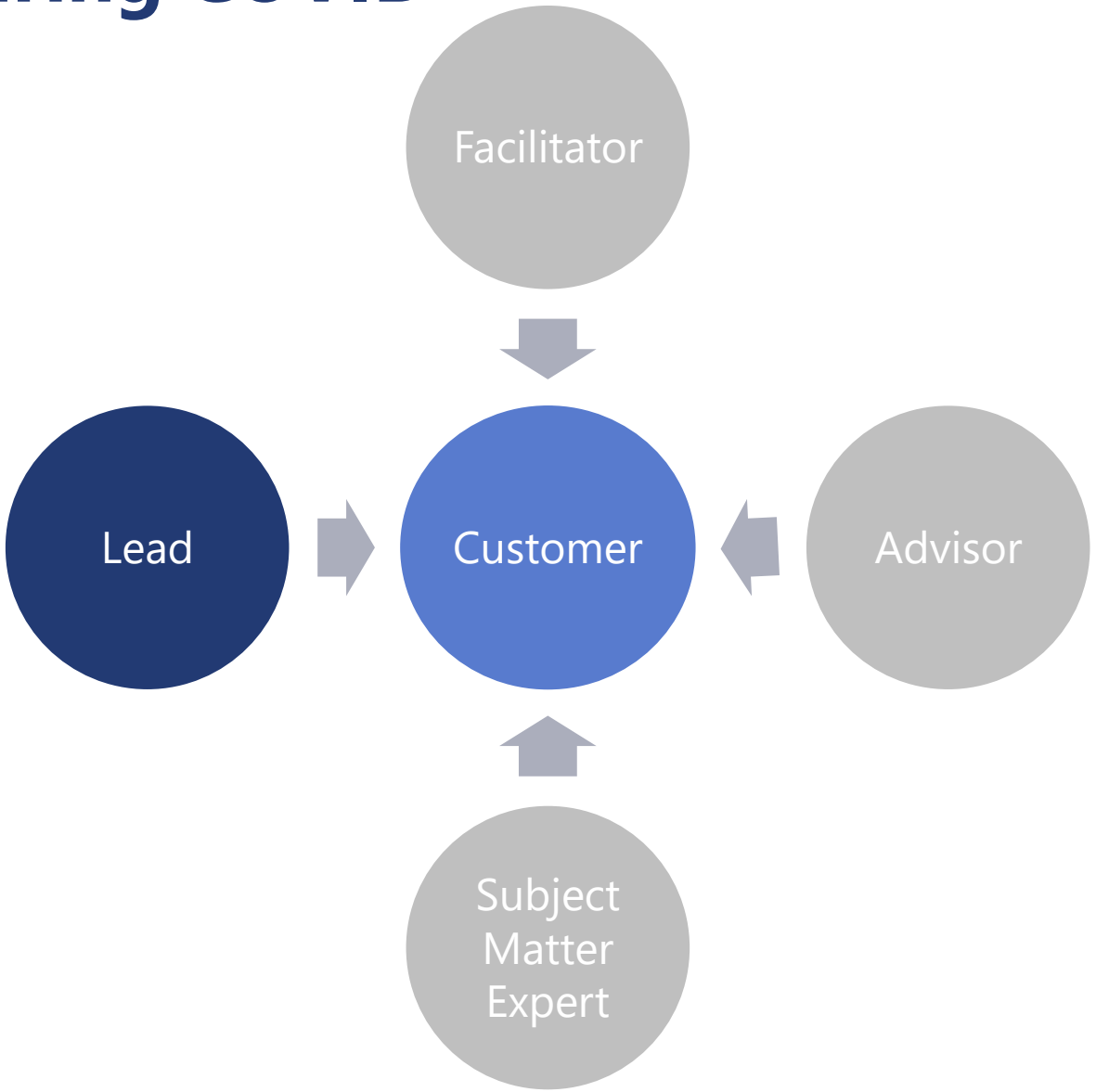

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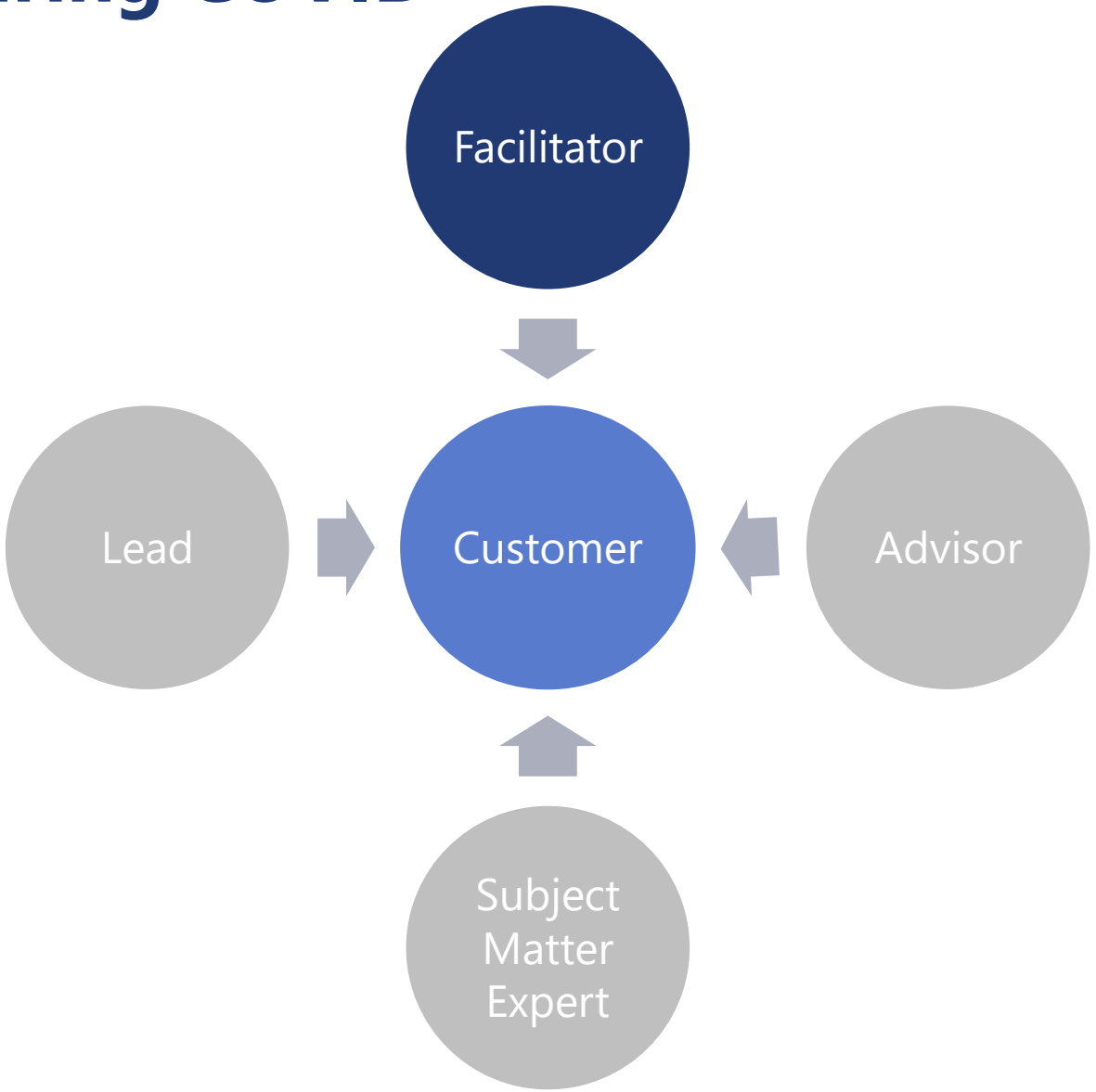

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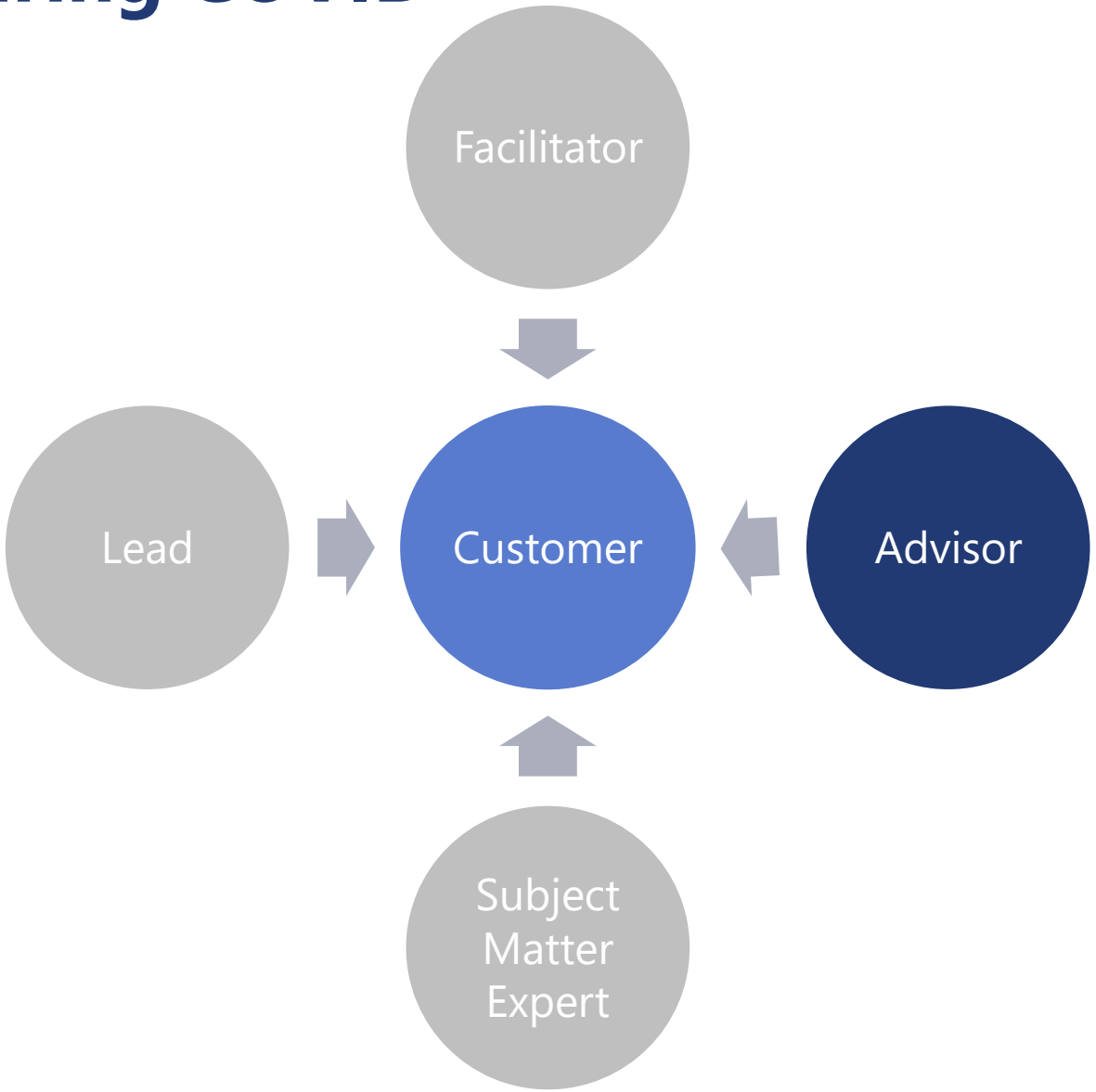

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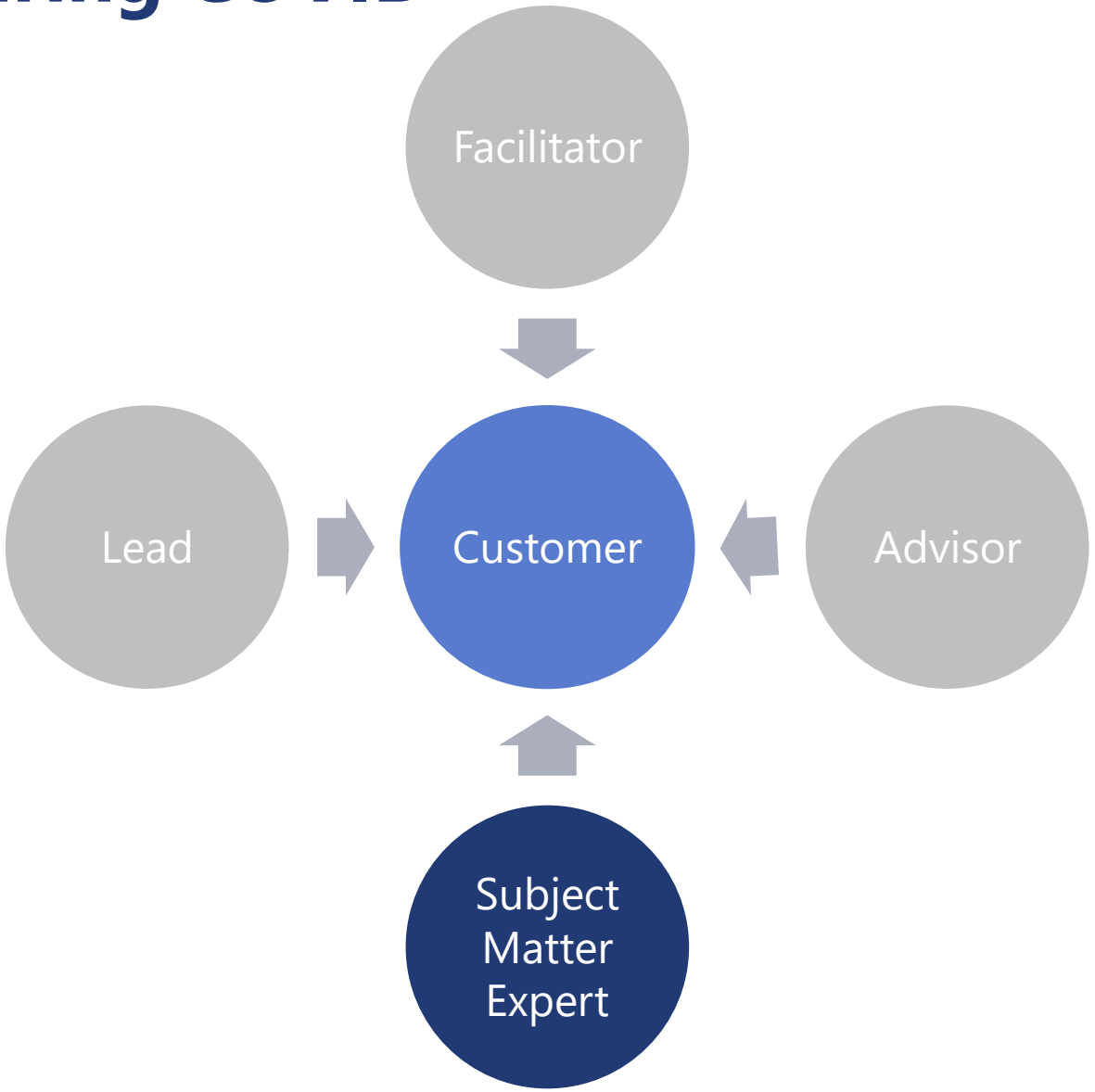


2020 – 2024 State Strategic Plan for Information Resources

GOALS:

1. Secure IT Service Delivery
2. Advanced Data Management & Digital Services
3. Agile & Automated IT Strategies

2020-2024 State Strategic Plan for Information Resources Management

Quick Reference Guide

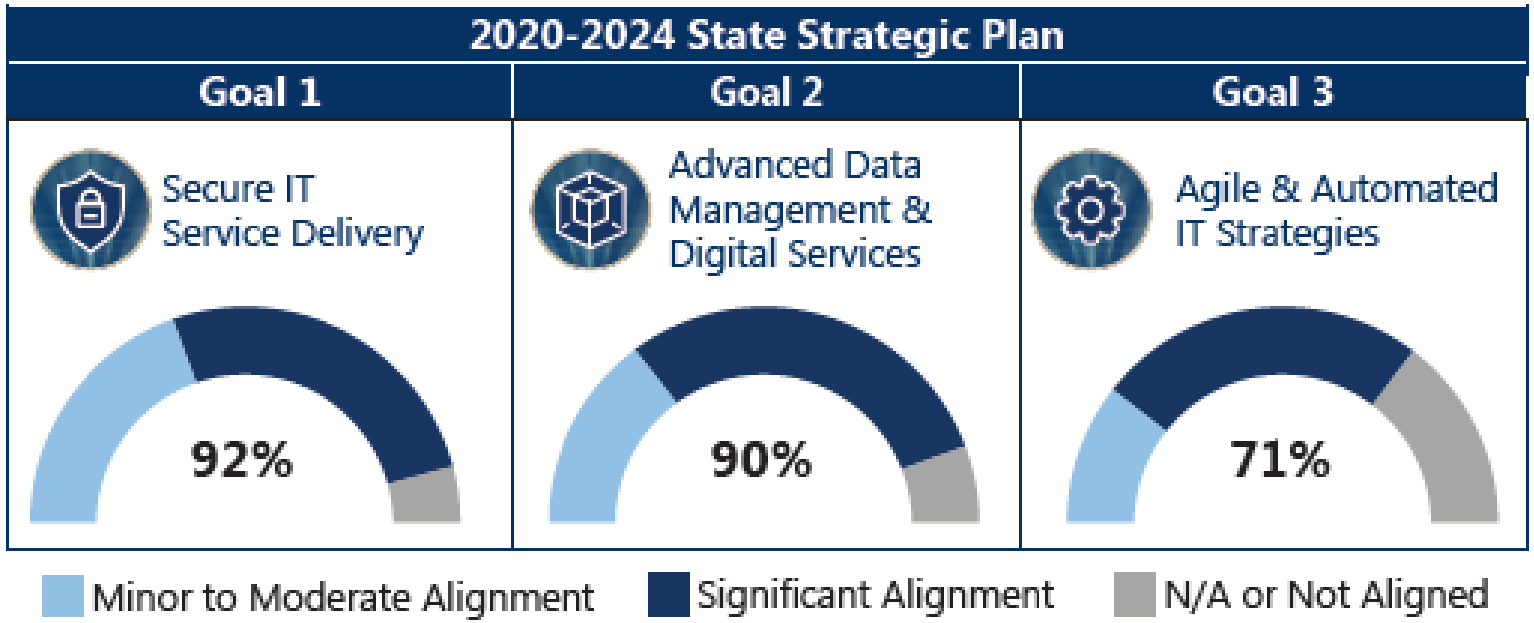
Advancing the Next Generation of Technology in Texas

GOALS	OBJECTIVES	DESIRED OUTCOMES
Secure IT Service Delivery	1. Evaluate and deploy cost-effective security enhancement tools. 2. Routinely improve and test business continuity plans. 3. Consolidate and centralize identity and access management across applications. 4. Prioritize legacy modernization efforts. 5. Utilize an application portfolio management solution.	1. Effective agency security programs that reduce risk and vulnerability of the agencies information systems. 2. Protect private and confidential information, minimize exposure to cyberattacks, and create a mature risk-based security program. 3. Address legacy system modernization to reduce risk of system compromise and data breaches. 4. Redirect IT savings to improve security, enhance monitoring of potential threats, and increase application efficiency.
Advanced Data Management & Digital Services	1. Implement fundamental data management, governance, policies, and best practices. 2. Explore mobile and digital methods. 3. Spur change with data driven decisions supported by business intelligence. 4. Ensure the procurement and deployment of digital services provide accessible electronic information resources. 5. Focus on the customer's needs and preferences with user-centric design applications.	1. Improve business decisions, reduce costs, and increase automated processes. 2. Improve customer service through informed decisions and increased data quality. 3. Ensure technology is accessible and not contingent on a users' single sense or ability. 4. Increase efficiency and improve business relationships through a robust digital ecosystem. 5. Increase opportunities for agency data sharing to address topics that impact the state.
Agile & Automated IT Strategies	1. Consider agile procurement methodologies. 2. Leverage shared technology services. 3. Utilize open source software applications. 4. Explore and prioritize business process automation. 5. Initiate testing of artificial intelligence (AI) solutions. 6. Adopt modern development approaches. 7. Utilize an application performance management solution.	1. Increase readiness for advanced technologies such as machine learning, artificial intelligence, and robotic process automation. 2. Reduce risk, create sound procurement process, and improve project management practices. 3. Proactively focus on using emerging technologies effectively. 4. Reduce deployment time and increase functionality at reduced cost. 5. Better usage of IT-as-a-service, enabling opportunities for innovation and new initiatives.

2020 Biennial Performance Report
Progress Toward State Strategic Plan Goals

Progress Snapshot

State agencies show alignment with fundamental areas of technology for security and data management, while alignment with emerging technologies is evolving.



Advanced Data Management & Digital Services

GOALS	OBJECTIVES	DESIRED OUTCOMES
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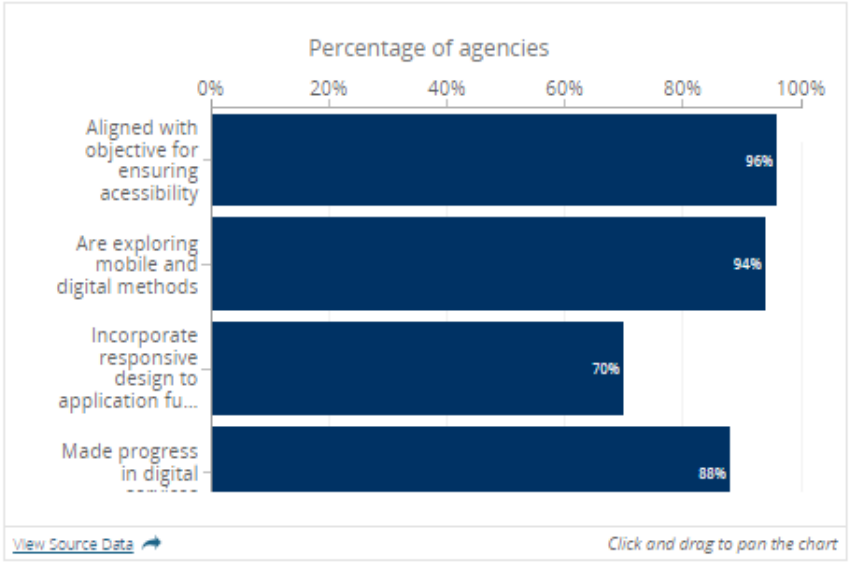
Data Governance

Assessment

Strong data governance helps state agencies manage data that is within their organization. It helps employees understand how to use, share, manage, and dispose of it properly. Adopting business intelligence and analytics tools enables state agencies to make more informed decisions, increase productivity, and improve operational efficiencies. Several agencies are advancing data management and using digital services to improve the customer experience.



77%

Have or plan to implement a data governance structure

84%

Currently sharing data with another government entity

70%

Have or are planning a data management program that oversees the data life cycle

Thank You

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Texas Department of Information Resources

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