

Effective Controls for Data Privacy

The Role of Technology Professionals

2023 AfricaCERT/FIRST Regional Symposium, Kigali, Rwanda

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Agenda



Privacy Fundamentals



Key Controls of Data Privacy



Role of Technology Professionals in Implementing Data Privacy Controls



Challenges in Ensuring Data Privacy



Take Away

Fundamentals of Data Privacy - What is Data Privacy?

Definition 3

Protecting data involves implementing measures such as data encryption, access controls, and data destruction policies, as well as ensuring that data is only used for legitimate purposes and with the consent of the individual concerned.

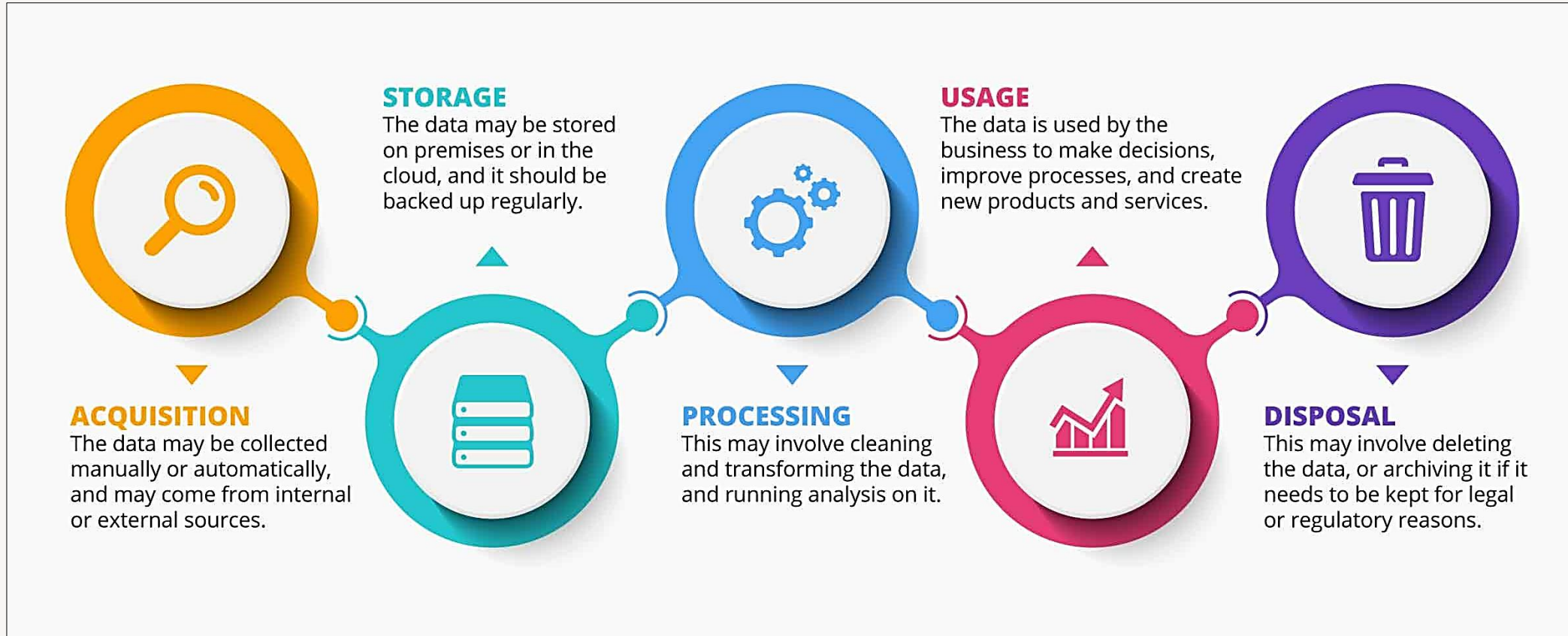
Definition 2

Data privacy is essential in preventing unauthorized access, identity theft, and other malicious activities that can harm an individual or organization. It is also an important aspect of complying with various data protection laws and regulations

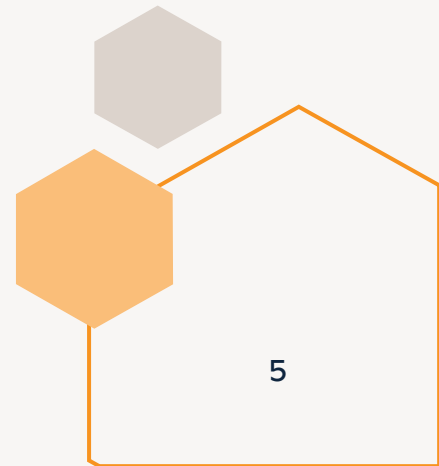
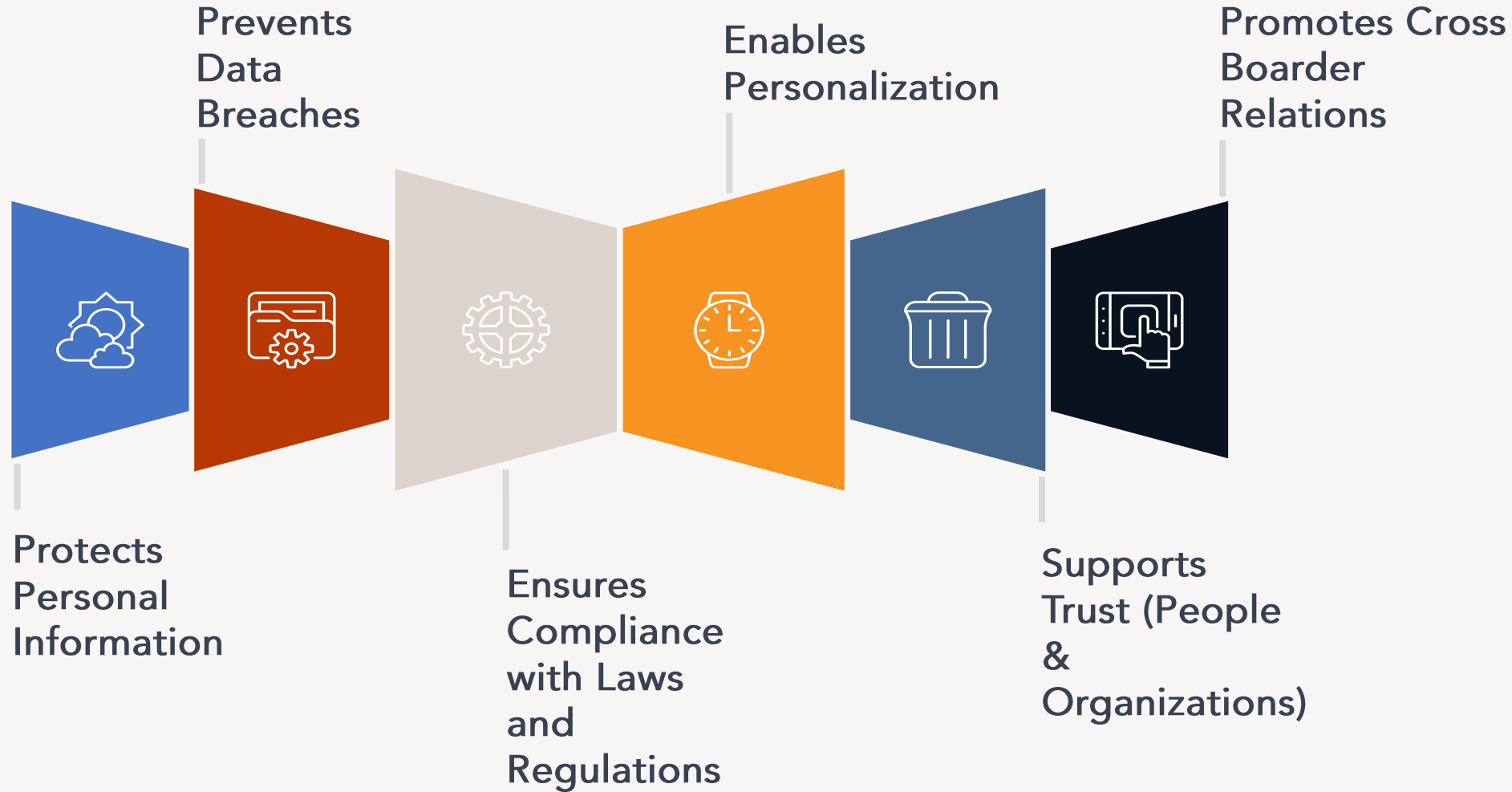
Definition 1

Data privacy refers to the protection of an individual's personal information and the right to control how their data is collected, used, shared, and stored.

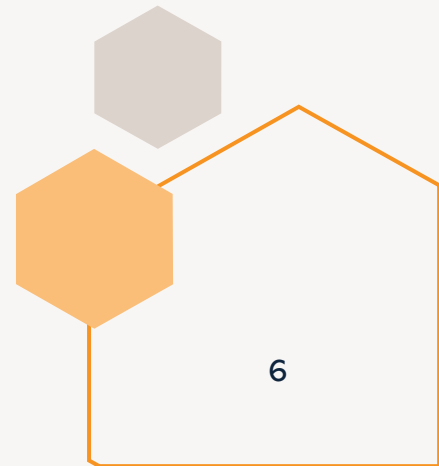
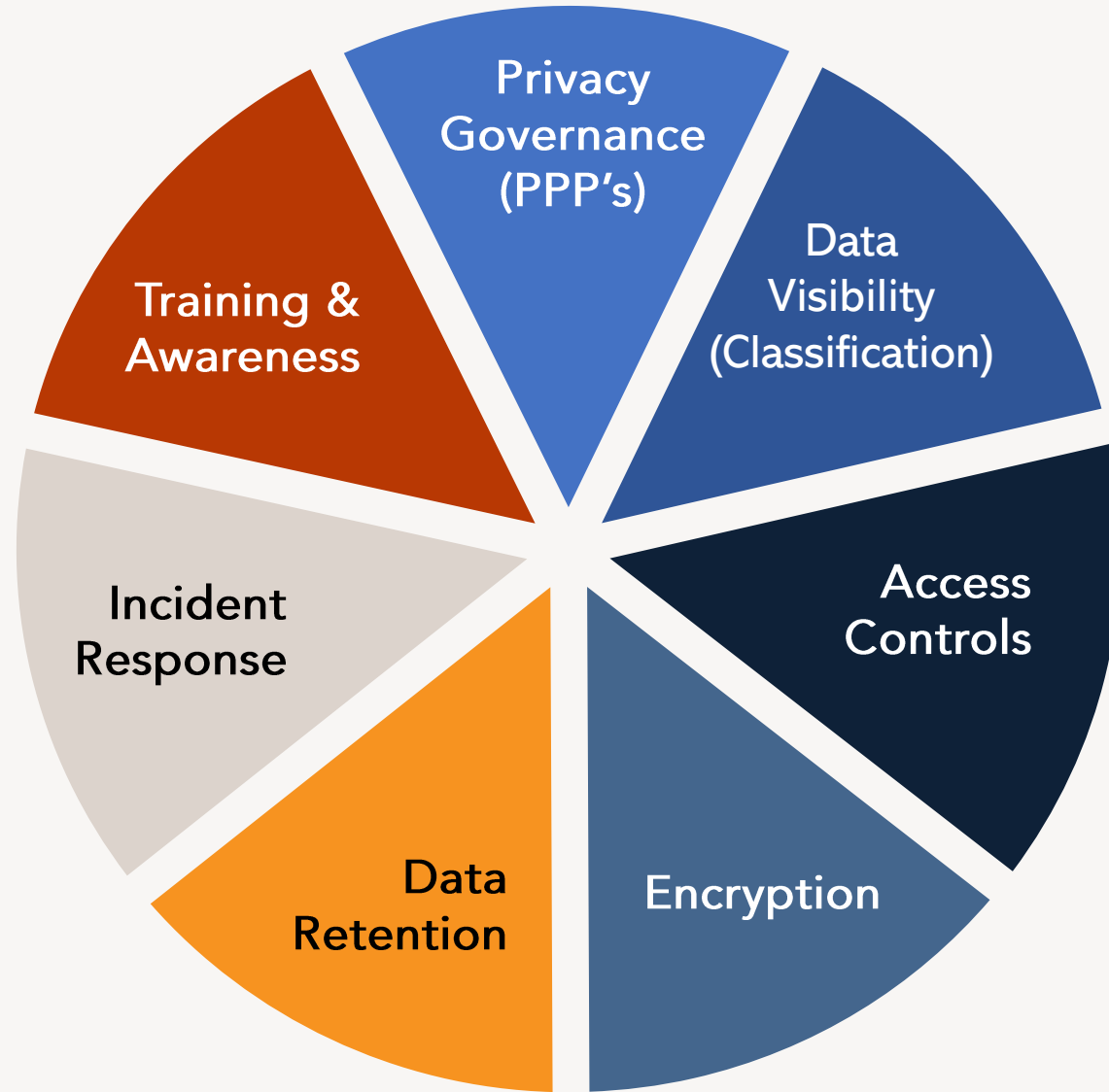
Fundamentals of Data Privacy - Data Security Lifecycle



Fundamentals - Importance Of Data Privacy In The Digital Age

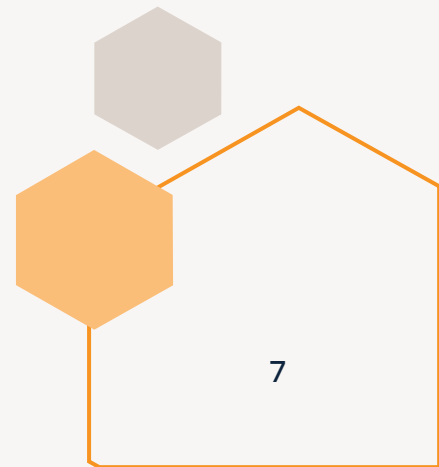


Key Controls For Data Privacy - Organizational Controls



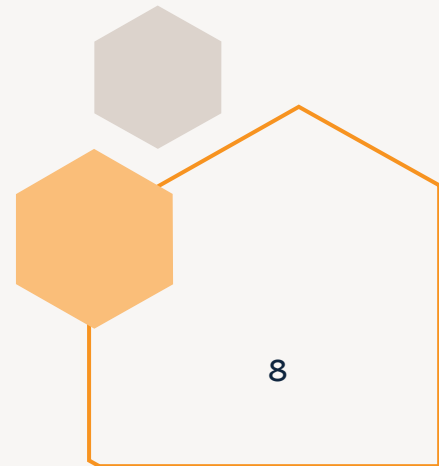
Key Controls For Data Privacy - Technical Controls

- Inventory and Control of Enterprise/Software Assets
- Secure Configuration of Enterprise Assets & Software
- Access Control, Account, Audit Log Management
- Continuous Vulnerability Management
- Email and Web Browser Protections
- Malware Defenses



Key Controls For Data Privacy - Technical Controls Continued...

- Data Recovery
- Network Infrastructure Monitoring and Defense
- Service Provider/3rd Party Management
- Application/Software Security
- Penetration/Security Testing (Independent)



The Role Of Technology Professionals

They are responsible for designing, implementing, and maintaining systems and applications that collect, store, and process data.

1. Designing Secure Systems
2. Implementing Data Protection Measures
3. Monitoring for Security Threats
4. Managing Data Lifecycle
5. Compliance with Regulations



Challenges In Ensuring Data Privacy

1. Rapidly Evolving Technology
2. Increasing Volume of Data
3. Cybersecurity Threats
4. Lack of Awareness
5. Legal and Regulatory Compliance Complexities
6. Data Sharing



Conclusion

Technology Professional ought to own the Data Protection aspect of Privacy and enforce privacy by design in all processes and controls to ensure the needed assurance is given to Key Stakeholders, Boards and Customers.

Technology professionals should ensure, data privacy is strengthened in the digital age by collaborating with stakeholders, policymakers, industry leaders, law enforcement, regulators, and individual users.



Take Away

Ultimately, its not policy breaches that make the news or get exploited but our Personal Identifiable Information (PII)

Embed Privacy by Design in all Technology Strategy

Get/Be involved in Data Privacy Strategy & Operations

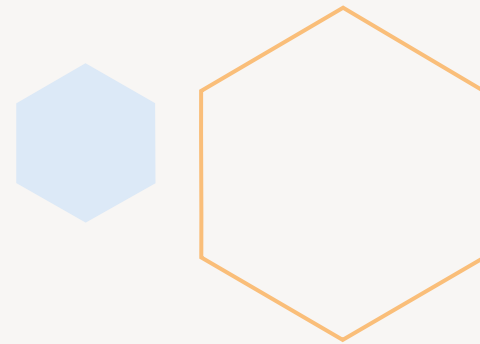
Be Abreast with Effective Privacy Controls to ensure Compliance

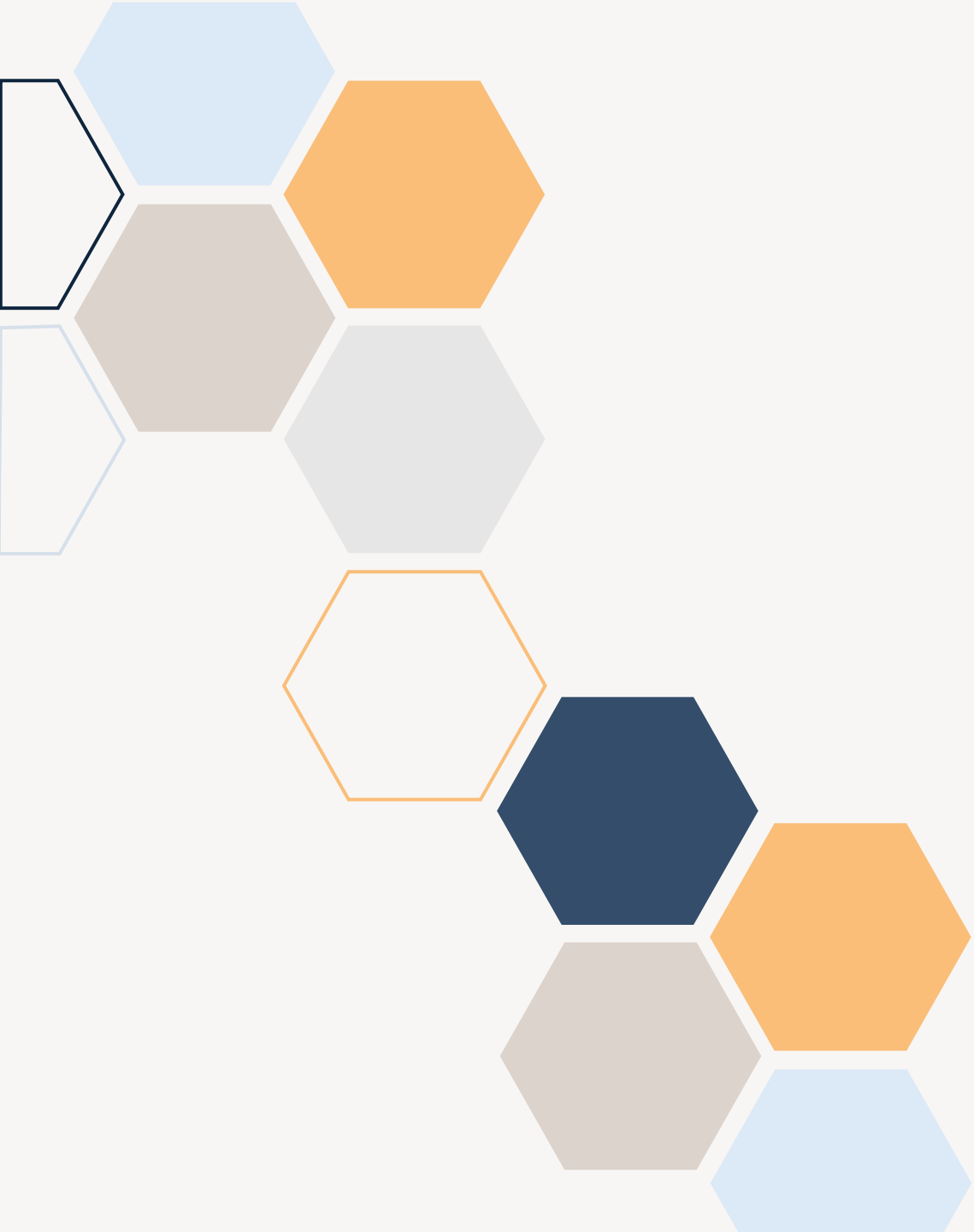
Monitor & Continually Improve Data Privacy to ensure Trust & Security



"The right to privacy is one of the cornerstones of our society, and it must be protected."

- *Tim Cook, CEO of Apple Inc.*





Thank you – Q&A

Albert K. Seshie

CISM, CEH, CHFI, MCSA, CoBIT, CIDM, CC, ITIL, VCA-Cloud, PSM1, CoBIT
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