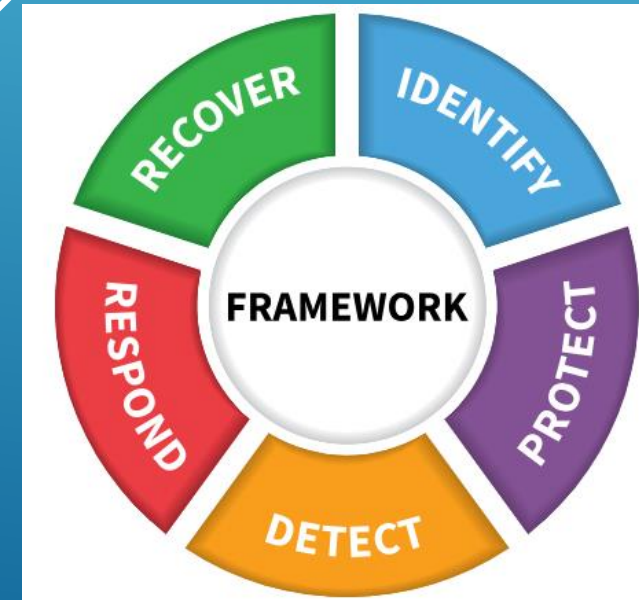


NIST CYBERSECURITY FRAMEWORK V1.1





LIFELINE
DATA CENTERS





LIFELINE
DATA CENTERS



Who We Are...

Rich Banta

Who We Are...

Rich Banta

CISSP, CCSP, CISA, CRISC, CFCP

DCTP, CDCAP, CDCDP

Data Center Credentials

- **DCTP** — Data Center Technology Professional
(International Data Center Authority)



- **CDCAP** — Certified Data Center Audit Professional



- **CDCDP** — Certified Data Center Design Professional

Cybersecurity Credentials

- CISSP (ISC²)
- CCSP (ISC² & CSA)
- CISA (ISACA)
- CRISC (ISACA)
- CFCP (FISMA Center)



Cybersecurity Credentials

- CISSP (ISC²)



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- **NIST Cybersecurity Framework**

Lifeline Certifications

- SSAE 18 SOC2 Type II Audit Report – 108 Criteria

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- PCI DSS 3.2 - 70 Controls

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- SSAE 18 SOC2 Type II Audit Report – 108 Criteria
- PCI DSS 3.2 - 70 Controls
- ISO 27001:2013 – 114 Controls
- HITRUST CSF v8 - 150 Controls

Lifeline Certifications

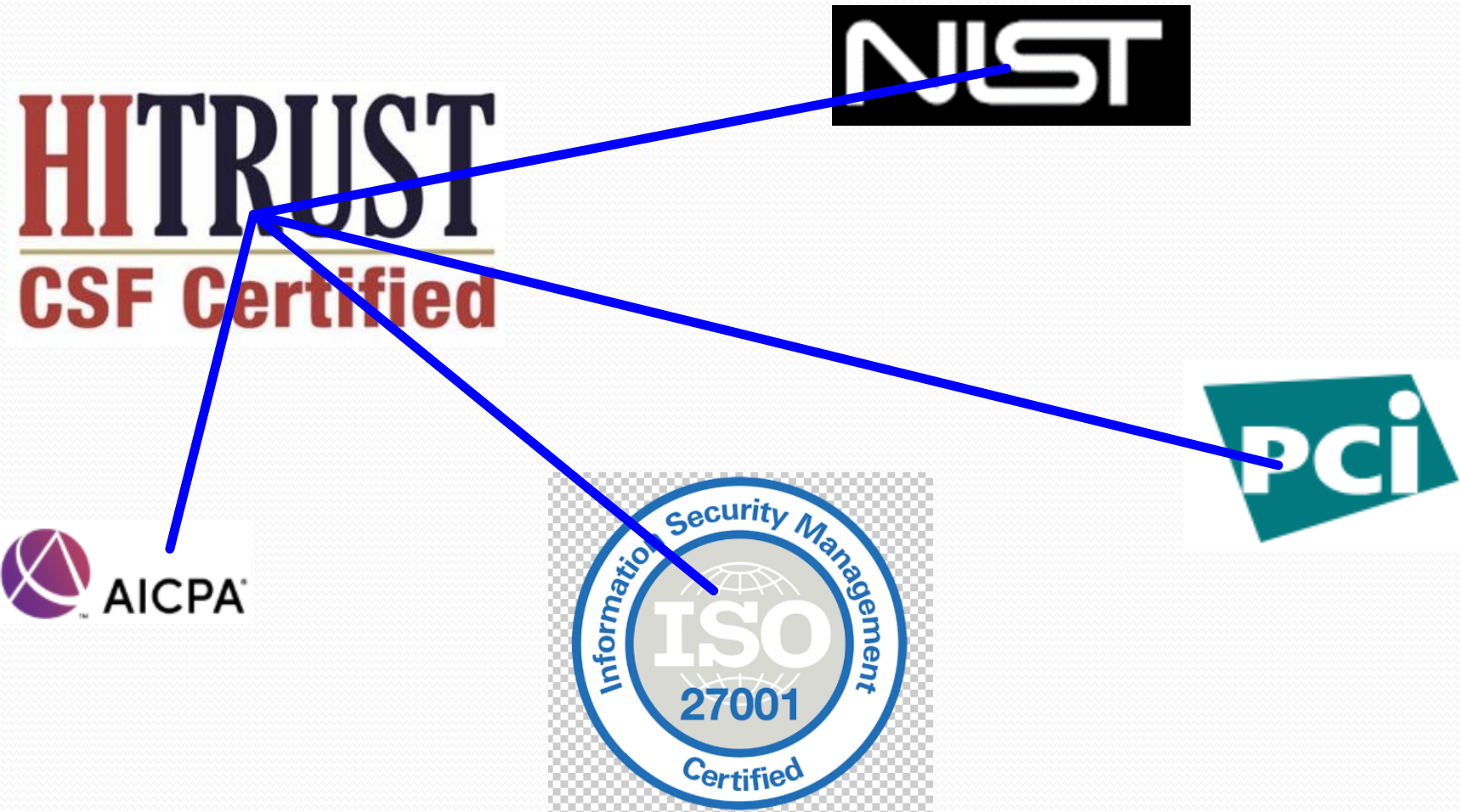
- SSAE 18 SOC2 Type II Audit Report – 108 Criteria
- PCI DSS 3.2 - 70 Controls
- ISO 27001:2013 – 114 Controls
- HITRUST CSF v8 - 150 Controls
- FedRAMP Moderate – 526 Controls

Control Mapping

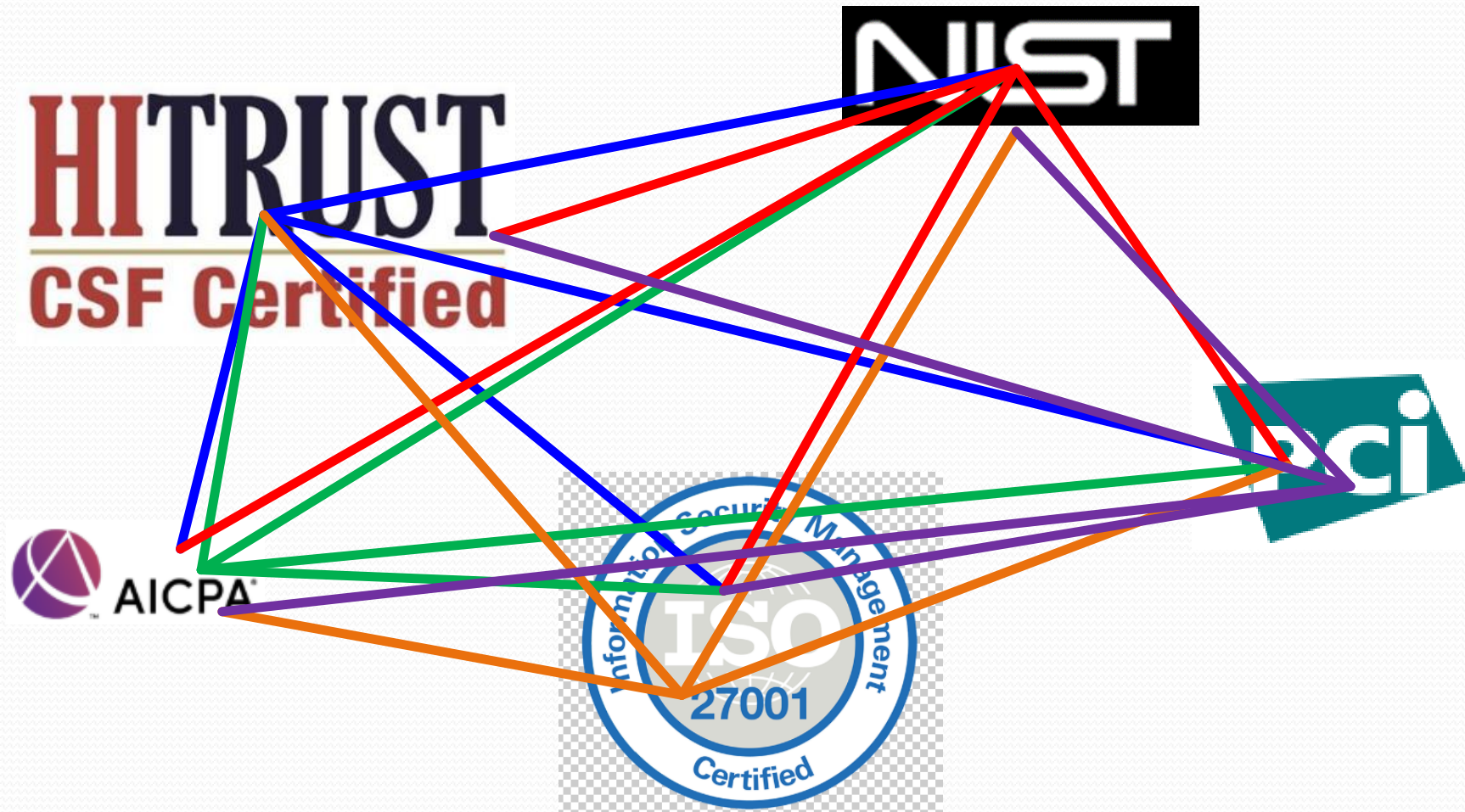
Control Mapping



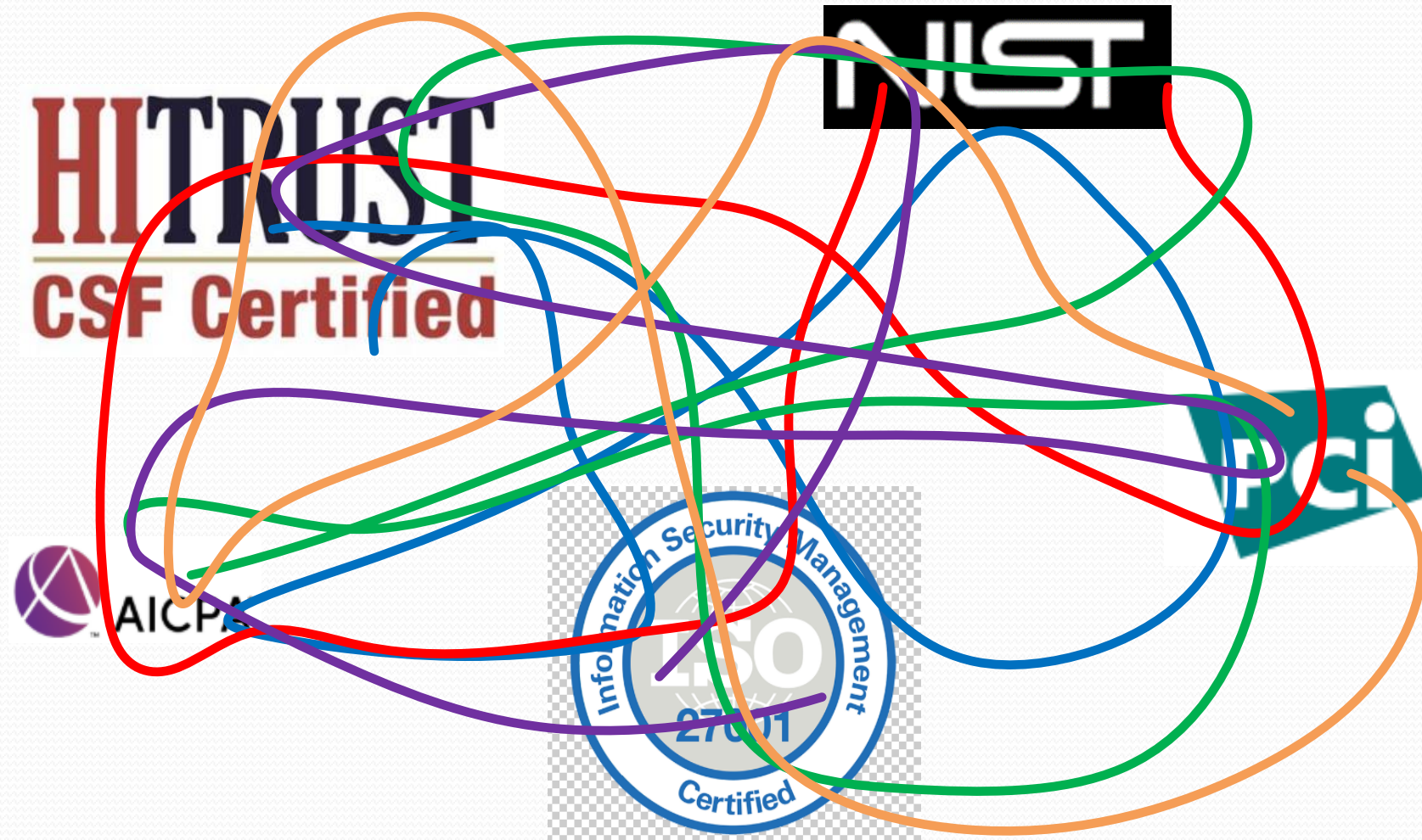
Control Mapping



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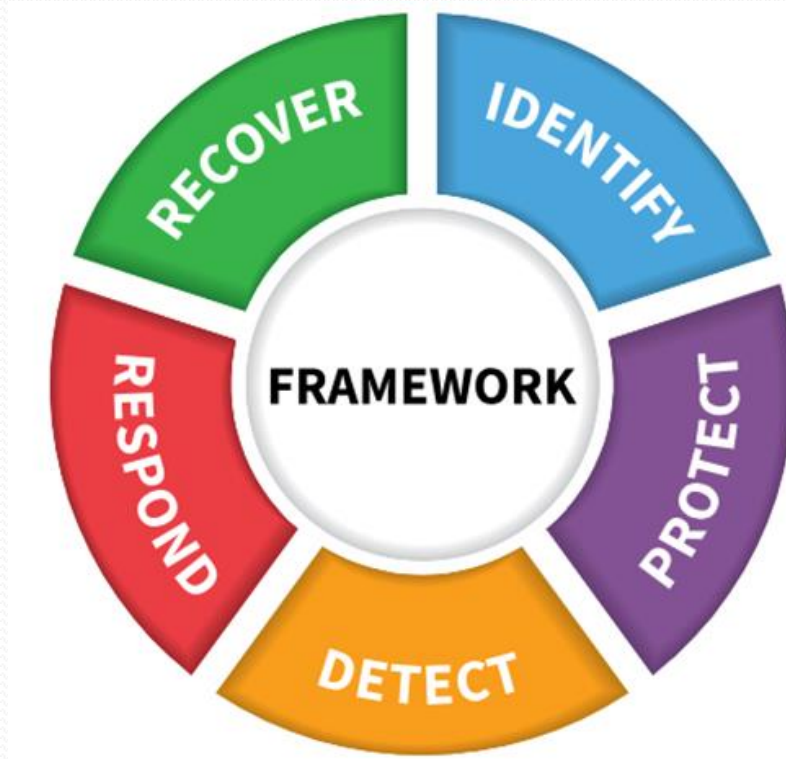


Control Mapping



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NIST Cybersecurity Framework V1.1

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- 02-12-13 Executive Order 13636
 - Led to Creation of NIST Cybersecurity Framework

NIST Cybersecurity Framework V1.1

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 - Made NIST CSF Mandatory for Federal Agencies

NIST Cybersecurity Framework V1.1

- 02-12-13 Executive Order 13636
 - Led to Creation of NIST Cybersecurity Framework
- 05-11-17 Executive Order 13800
 - Made NIST CSF Mandatory for Federal Agencies
- 03-26-19 Executive Order 13865
 - Coordinating National Resilience to EMP

NIST Cybersecurity Framework V1.1

Five Functions

NIST Cybersecurity Framework V1.1

Five Functions

- Identify
- Protect
- Detect
- Respond
- Recover

NIST Cybersecurity Framework V1.1

Five Functions

-> 23 Categories

NIST Cybersecurity Framework V1.1

Five Functions

-> 23 Categories

Identify	Asset Management	ID.AM
	Business Environment	ID.BE
	Governance	ID.GV
	Risk Assessment	ID.RA
	Risk Management Strategy	ID.RM
	Supply Chain	ID.SC
Protect	Access Control	PR.AC
	Awareness & Training	PR.AT
	Data Security	PR.DS
	Information Protection Processes & Procedures	PR.IP
	Maintenance	PR.MA
	Protective Technology	PR.PT
Detect	Anomalies & Events	DE.AE
	Security Continuous Monitoring	DE.CM
	Detection Processes	DE.DP
Respond	Response Planning	RS.RP
	Communications	RS.CO
	Analysis	RS.AN
	Mitigation	RS.MI
	Improvements	RS.IM
Recover	Recovery Planning	RC.RP
	Improvements	RC.IM
	Communications	RC.CO

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Five Functions -> 23 Categories

- Identify

NIST Cybersecurity Framework V1.1

Five Functions -> 23 Categories

- Identify

- Asset Management
- Business Environment
- Governance
- Risk Assessment
- Risk Management
- Supply Chain

NIST Cybersecurity Framework V1.1

Five Functions

- > 23 Categories

- > 98 Subcategories

NIST Cybersecurity Framework V1.1

Five Functions -> 23 Categories

- Identify:

- Asset Management:

ID.AM-1: Physical devices and systems within the organization are inventoried

ID.AM-2: Software platforms and applications within the organization are inventoried

ID.AM-3: Organizational communication and data flows are mapped

ID.AM-4: External information systems are catalogued

ID.AM-5: Resources (e.g., hardware, devices, data, time, personnel, and software) are prioritized based on their classification, criticality, and business value

ID.AM-6: Cybersecurity roles and responsibilities for the entire workforce and third-party stakeholders (e.g., suppliers, customers, partners) are established

NIST Cybersecurity Framework V1.1

Five Functions ->

- >23 Categories

- > 98 Subcategories

- > Informative References

Control Mapping



NIST Cybersecurity Framework V1.1

- Identify:

- Asset Management:

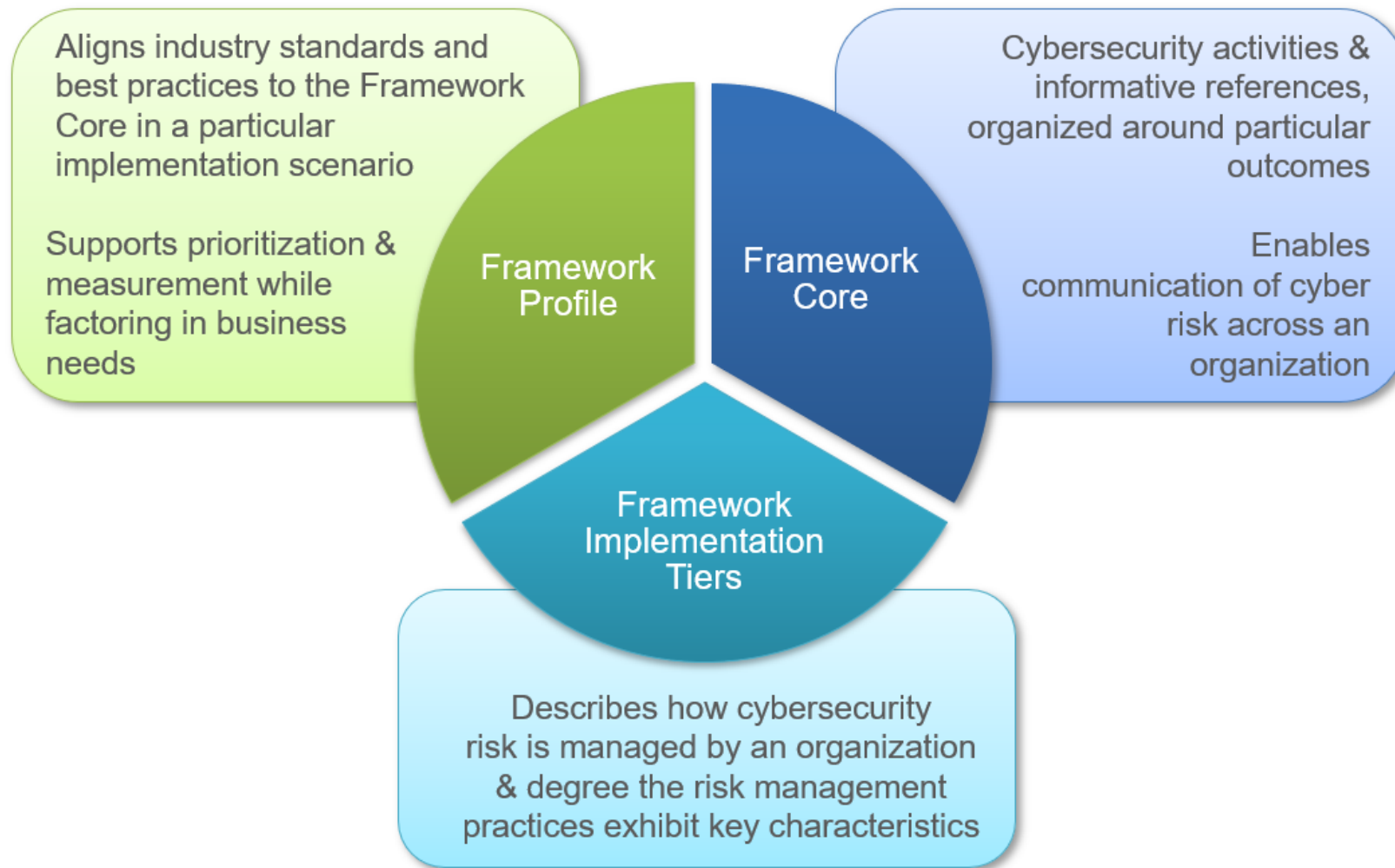
- ID.AM-1: Physical devices and systems within the organization are inventoried:

- CIS CSC 1

- ISO/IEC 27001:2013 A.8.1.1, A.8.1.2

- NIST SP 800-53 Rev. 4 CM-8, PM-5

NIST Cybersecurity Framework V1.1



NIST Cybersecurity Framework V1.1



NIST Cybersecurity Framework V1.1

THANK YOU!