



Frank LaRose

Ohio Secretary of State

Working with Vendors to Enhance Cybersecurity



Agenda

Why Cybersecurity supplement – CIA Triad
Contract Lifecycle
Security Supplement

Frank LaRose
Ohio Secretary of State



Why should you care about vendors?

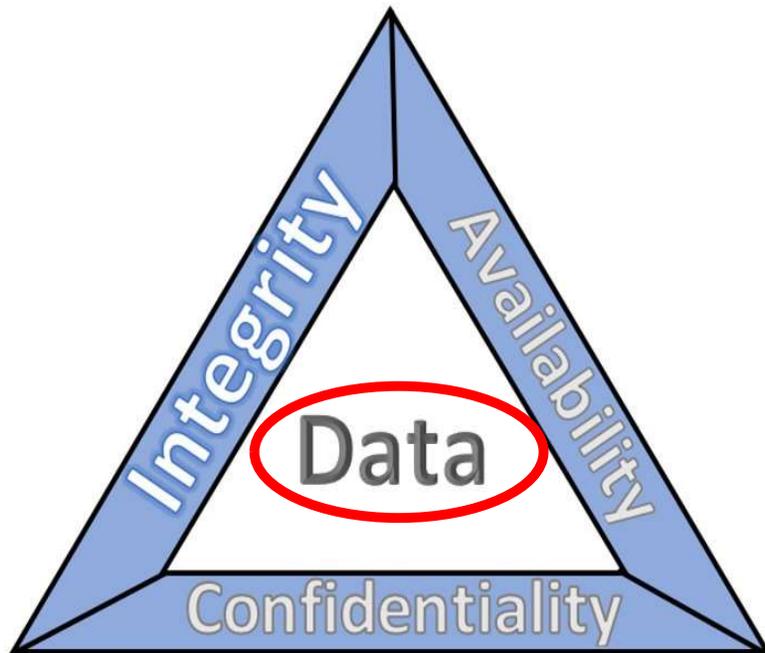
- Stolen credentials
- Ransomware
- Backdoor
- Lack of data encryption

It's not a question of if, but when...

- Target
- Solarwinds
- Kaseya

Frank LaRose
Ohio Secretary of State

CIA Triad



Confidentiality – preserving authorized restrictions on information access and disclosure, including means for protecting personal privacy and proprietary information

Integrity – guarding against improper information modification or destruction and ensuring information non-repudiation and authenticity

Availability – ensuring timely and reliable access to and use of information

Frank LaRose
Ohio Secretary of State

Data & Risk



Location

Cloud

On-Prem

Type of Data

Election & Business Records

Privacy Information

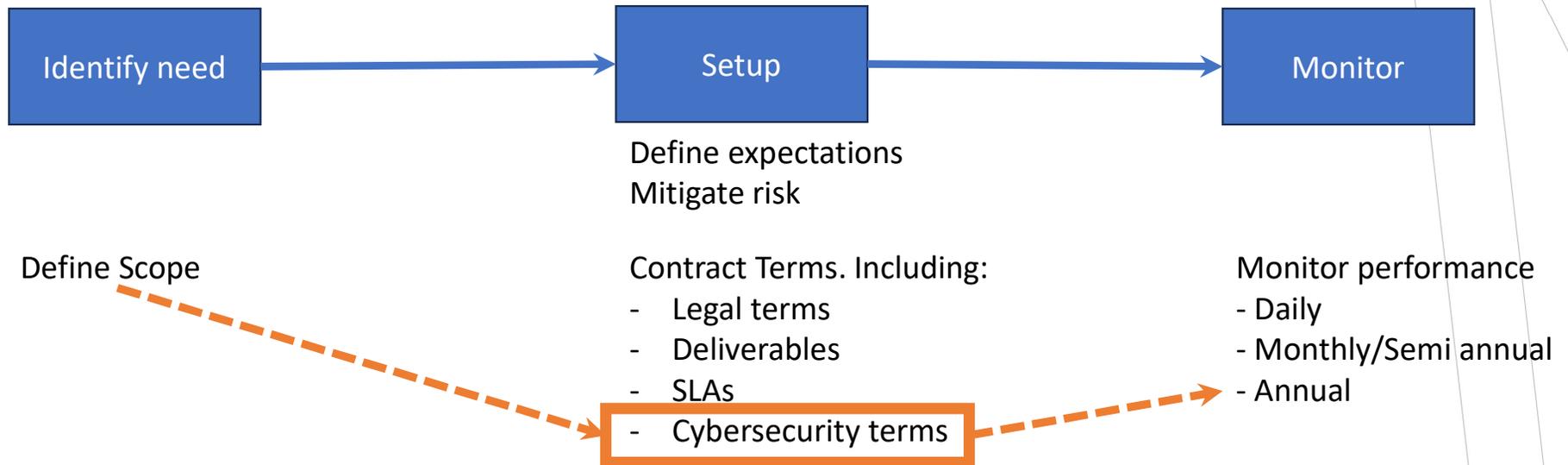
Financial Transactions

Access Vendor Info only

Frank LaRose
Ohio Secretary of State



Contract Lifecycle: Cybersecurity



Frank LaRose
Ohio Secretary of State



Security Supplement - People

- Require criminal background checks
- Access control – least privilege
- Staff training

Frank LaRose
Ohio Secretary of State



Security Supplement - Processes

- Vulnerability management and application security
- Incident response policy and process
- Engagement expectations during incident response activity
- Data handling expectations
- Engagement with federal partners
- Supply chain risks
- Regulatory compliance

Frank LaRose
Ohio Secretary of State



Security Supplement - Technology

- Network/ wireless controls
- Email standards (DMARC/SPF)
- Detection and prevention tools
- Penetration and control testing
- Password requirements/ MFA
- Secure baseline images
- Remote access controls
- Data encryption

Frank LaRose
Ohio Secretary of State



Frank LaRose
Ohio Secretary of State