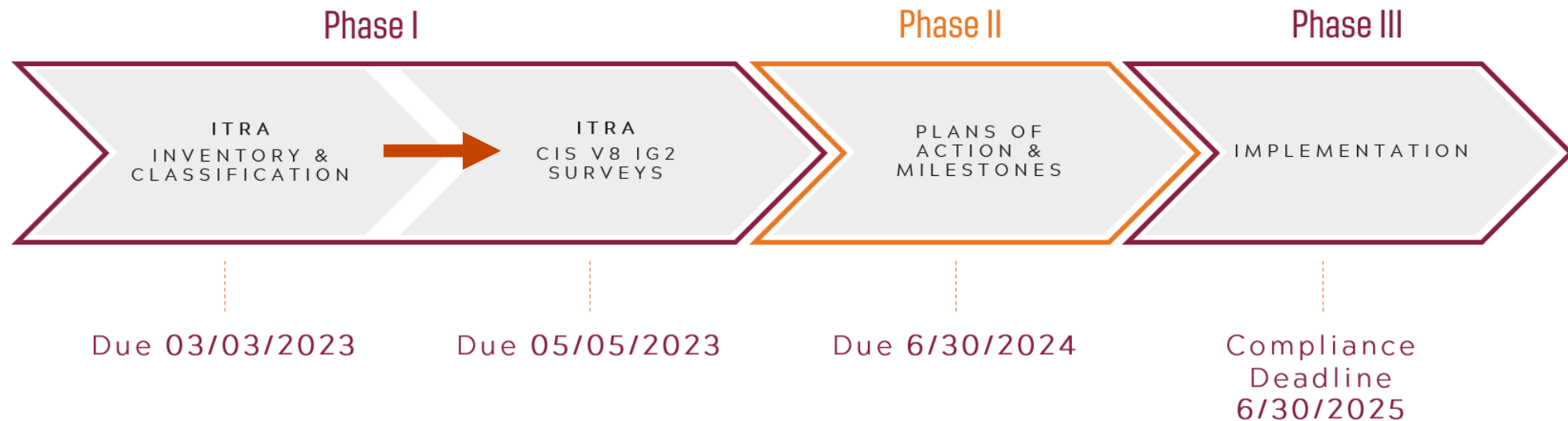# Elevate VT to Center for Internet Security (CIS) v8 IG2 Security Controls

- Elevating security controls to CIS v8 IG2 reduces cyber risks

- IT risk assessment is a foundational component of cyber risk reduction

Phase I		Phase II	Phase III
ITRA INVENTORY & CLASSIFICATION	ITRA CIS V8 IG2 SURVEYS	PLANS OF ACTION & MILESTONES	IMPLEMENTATION
Due 03/03/2023	Due 05/05/2023	Due 6/30/2024	Compliance Deadline 6/30/2025

IT Risk Assessment

Phase I - IT Risk Assessments

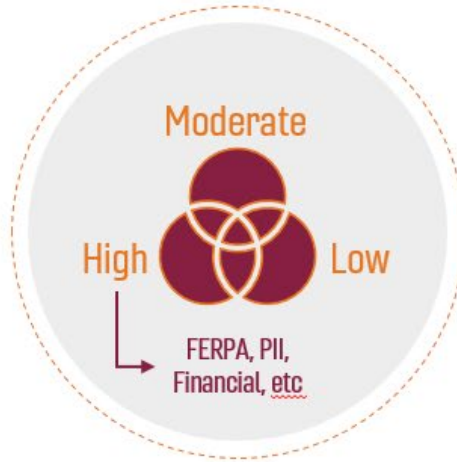**Phase 1A**   **Phase 1B**

Asset Inventory

Inventory of unit's hosts and "in-house" developed applications

Risk Classification

Determine data handled by assets and classify risk level accordingly

Assessment Survey

Complete questionnaire(s) based on CIS v8 IG2 controls

Due 3/3/2023

Due 5/5/2023

8

Isora GRC
Risk Assessment

Phase 1A Metrics

- Number of technology resources: **46,735**
- Number of custom applications: **465**
- Number of organizational units: **128**
- Number of IT professionals directly involved: **200+**

Isora GRC
Risk Assessment
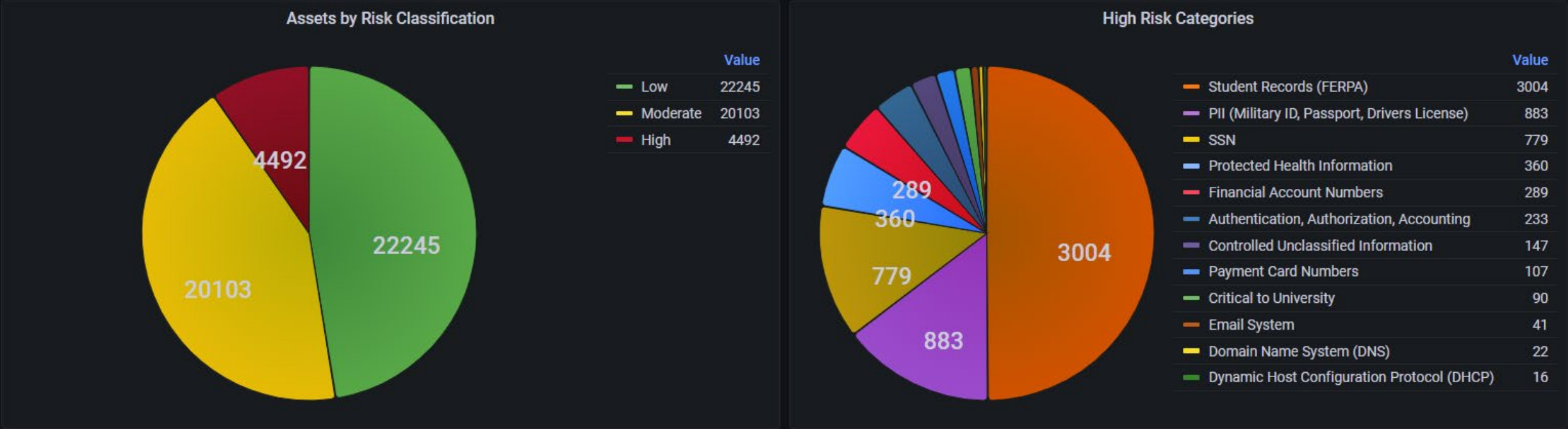
Phase 1B Current Progress

- Assessments completed: **15**
- Assessments in-progress: **41**
- Assessments not started: **72**

Due Date: May 5

University-Wide Inventory Results (Phase 1A)

VT Technology Resources by Risk Classification/Categorization

Assets by Risk Classification

		Value
—	Low	22245
—	Moderate	20103
—	High	4492

High Risk Categories

		Value
—	Student Records (FERPA)	3004
—	PII (Military ID, Passport, Drivers License)	883
—	SSN	779
—	Protected Health Information	360
—	Financial Account Numbers	289
—	Authentication, Authorization, Accounting	233
—	Controlled Unclassified Information	147
—	Payment Card Numbers	107
—	Critical to University	90
—	Email System	41
—	Domain Name System (DNS)	22
—	Dynamic Host Configuration Protocol (DHCP)	16

University-Wide Inventory Results (Phase 1A)

VT Custom Applications by Risk Classification/Categorization