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The Conference on Information
and Records Management

Information Asset Risk Ranking and Data Cleanup Four Case Studies

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Information Asset Risk Ranking and Data Cleanup

WHAT YOU'LL LEARN

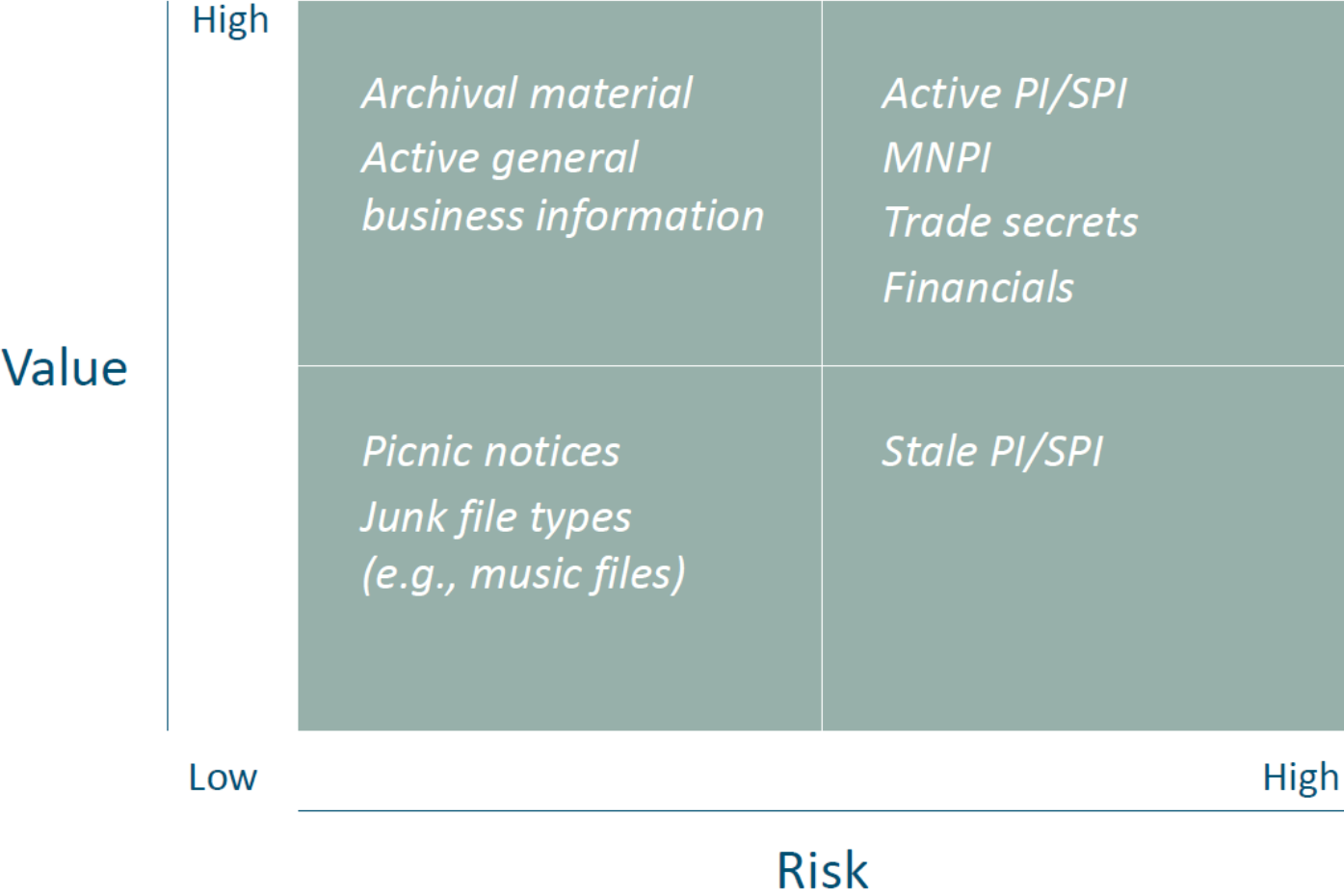
- What is an information asset risk ranking for your organization
- How to build an information asset risk ranking to help you understand your organization's data environment and high risk/high value areas
- Review 4 case studies of different risk ranking approaches

The Problem

Risk is Everywhere

structured databases hris systems
collaboration applications iron mountain
hard disks google drive applications
video servers tablets onedrive icloud sharepoint
chat applications attachments phone texts
online storage desktops social media
websites salesforce slack teams chats
email messages local storage
fileshares dropbox box smartphones
laptops usb sticks my documents
filing cabinets homedrive offsite storage
backup media teamssites

The Defensible Disposition Solution – Focus on Information Risk and Value

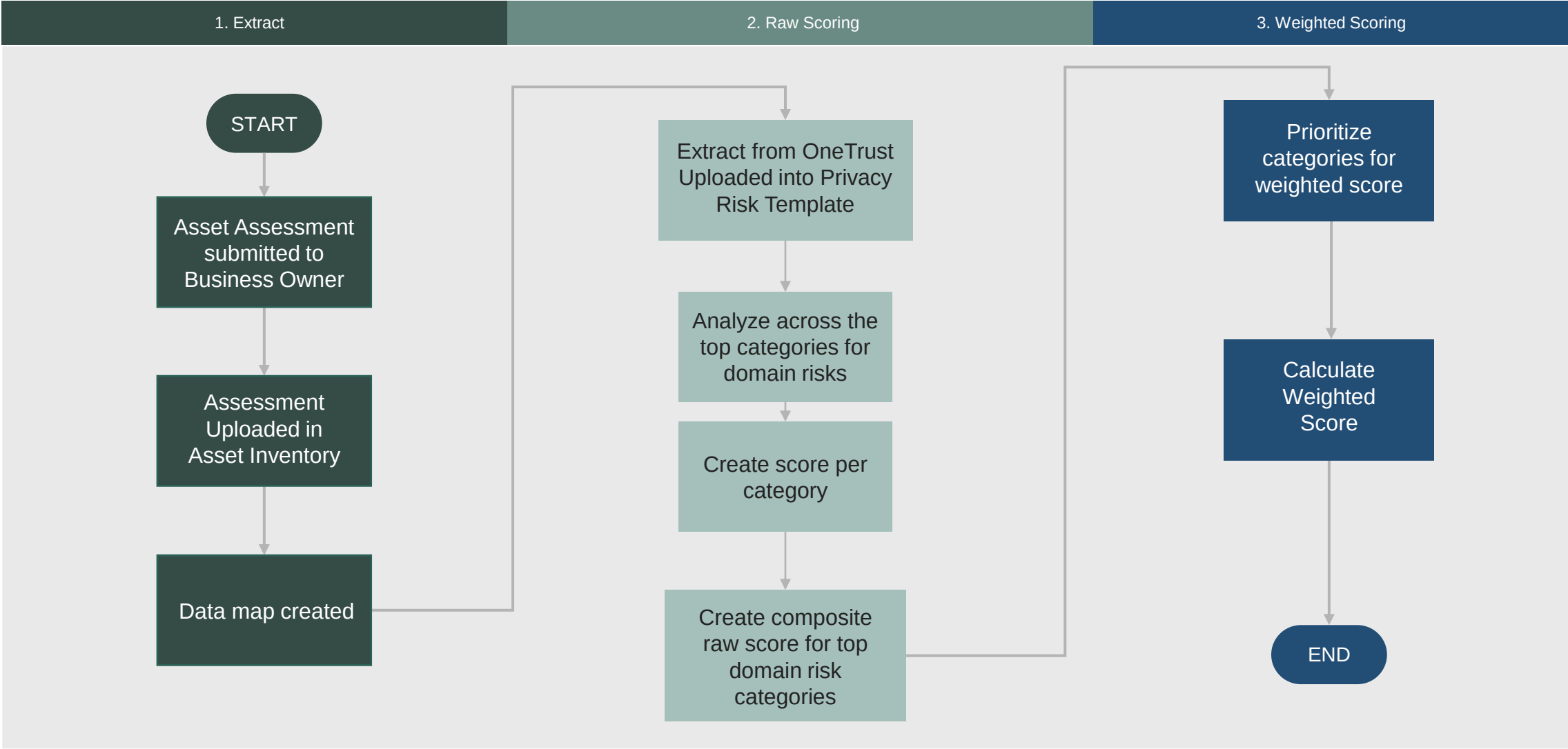


What is Information Asset Risk Ranking?

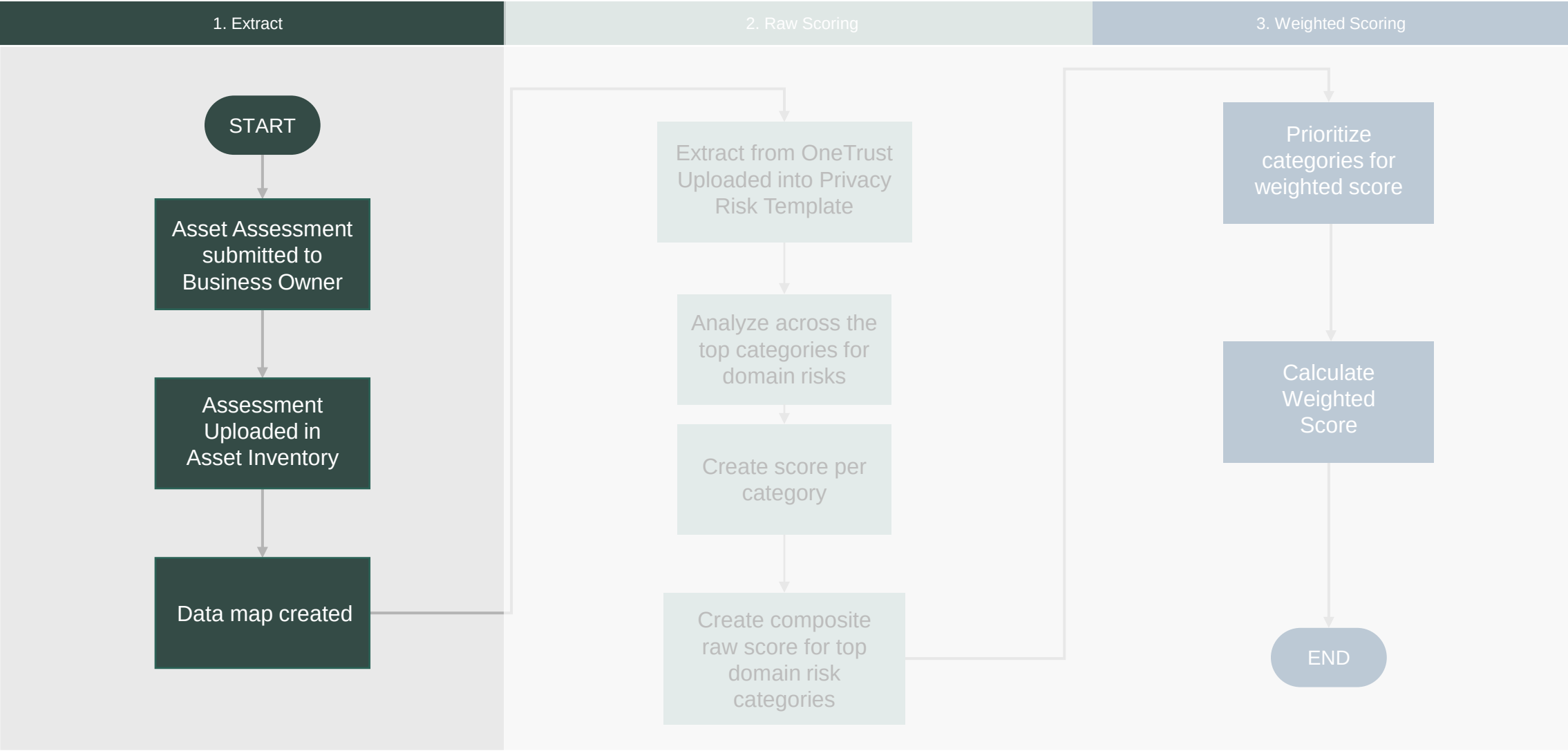
Information Asset Risk Ranking (also known as system risk ranking) is a process used to **assess and prioritize risks** associated with different information systems within an organization.

Information Asset Risk Ranking helps you focus your efforts and resources on the most critical threats to your information systems, ensuring better protection of sensitive data and compliance with data privacy regulations.

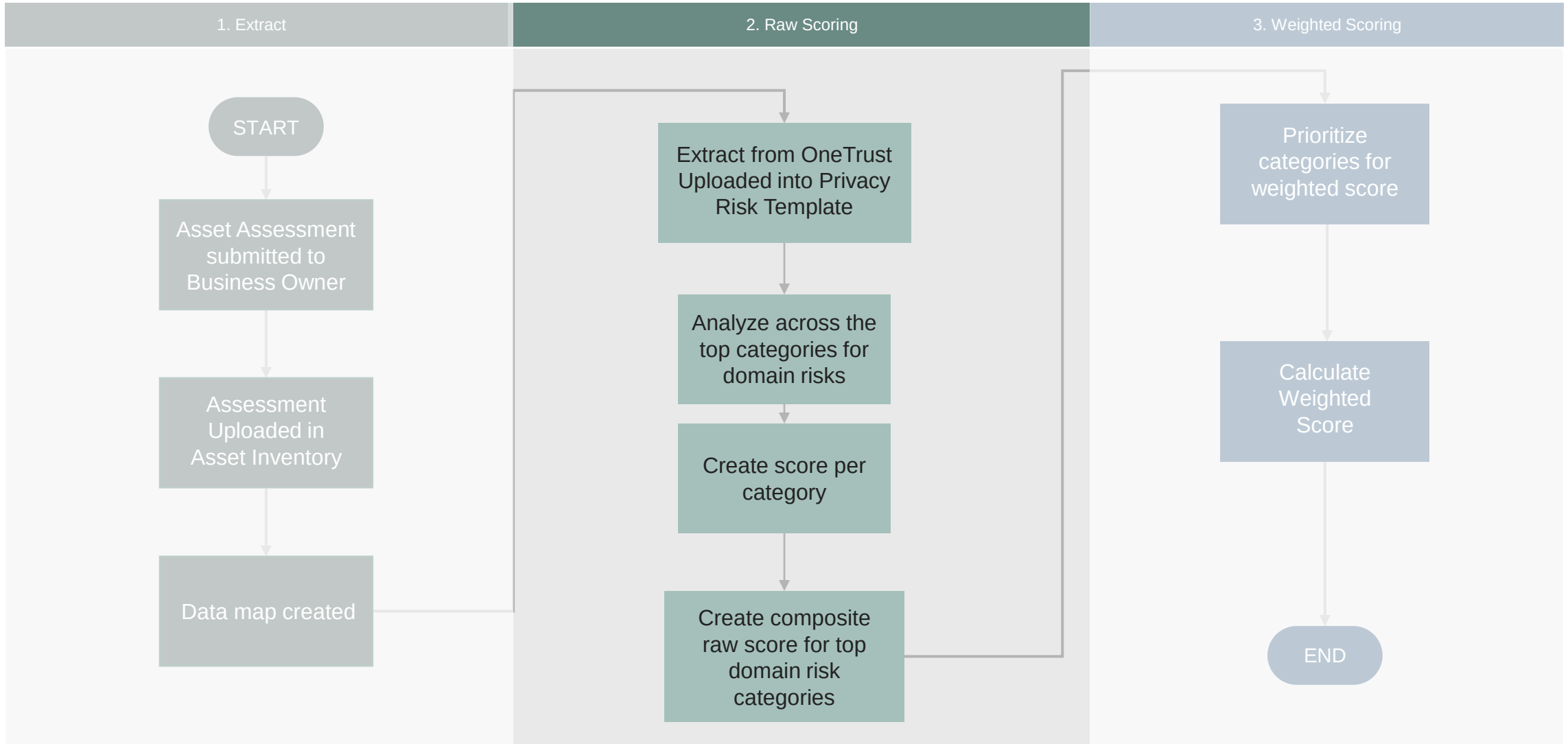
Information Asset Risk Ranking Process



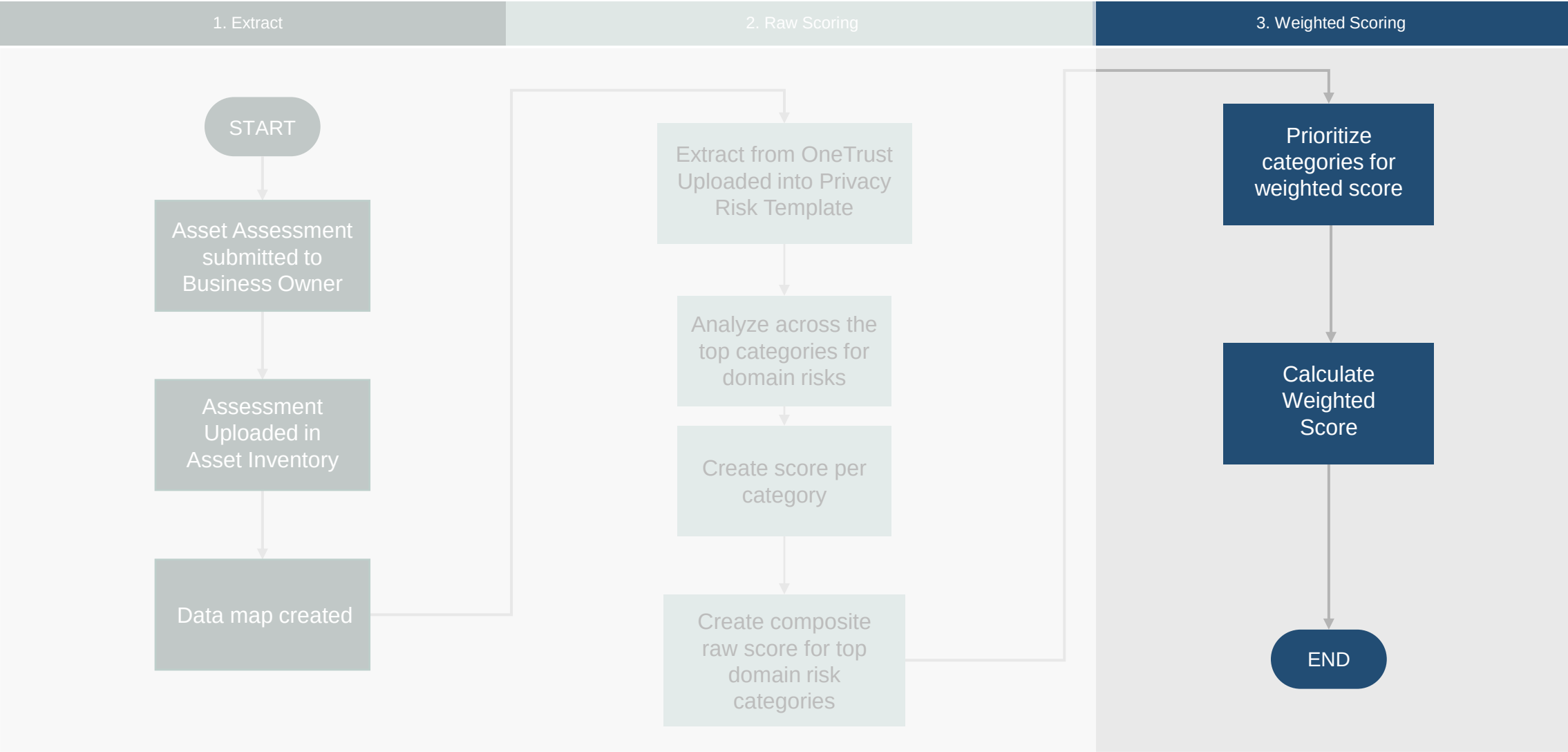
Information Asset Risk Ranking Step 1: Extract



Information Asset Risk Ranking Step 2: Raw Scoring

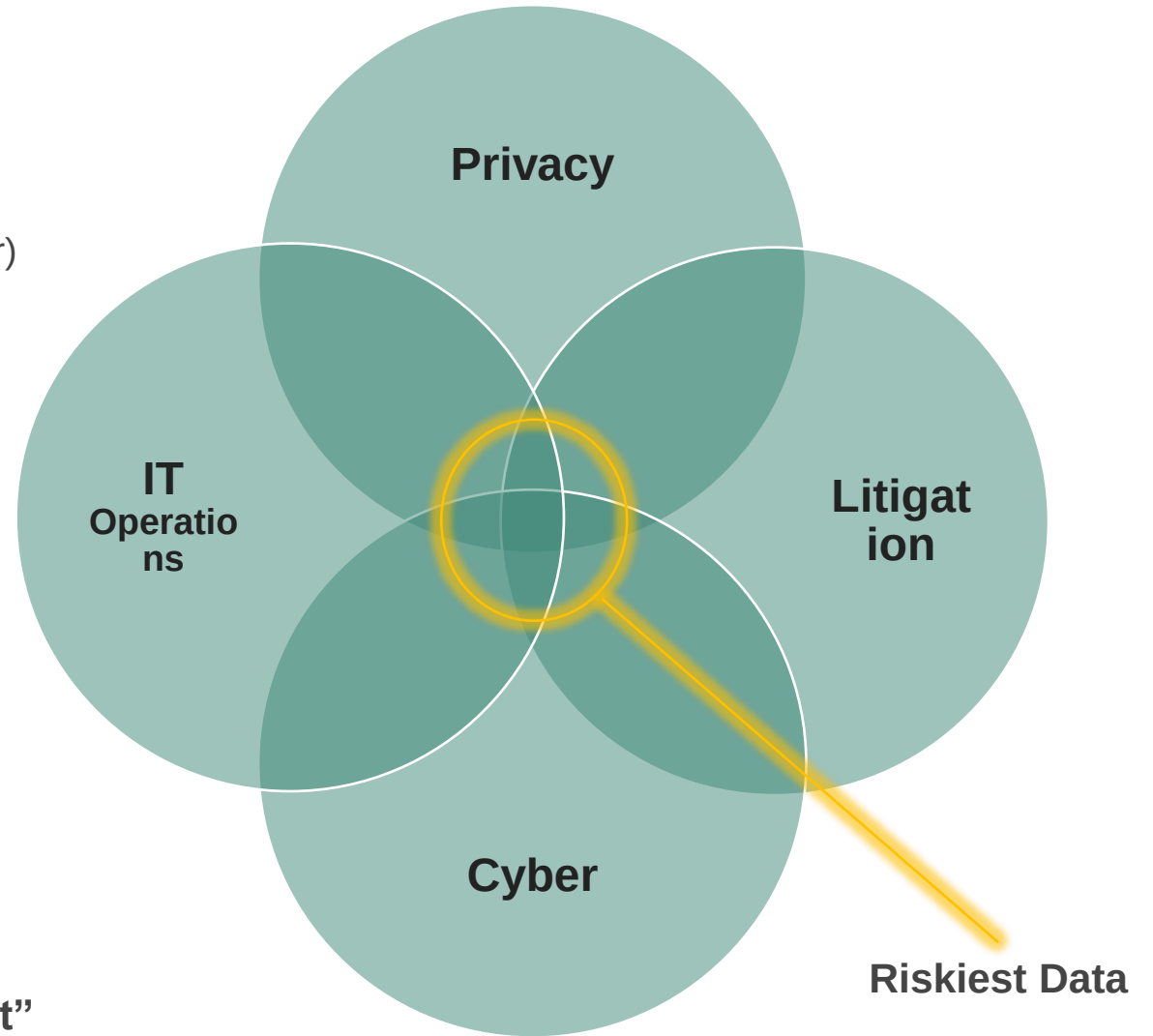


Information Asset Risk Ranking Step 3: Weighted Scoring



Risk Ranking Approach

- Start from list of systems with PI/SPI
- Assign risk levels to each system based on
 - Number of data subjects
 - Type of data subject (e.g., customer, employee, operator)
 - Number of PI/SPI types
 - Number of “breach worthy” SPI types
 - External access to system
 - Cyber controls in place
 - Operational controls in place
 - Invest, maintain, sunset
 - Litigation risk
- Assign “raw” and “weighted” risk scores
- Provide overall risk ranking and by domain
 - Privacy
 - Litigation
 - Cyber
 - IT Operations
- Systems that are high on all four are the “sweet spot” for disposal



Additional Decision Points

Determine initial scope

- Top 10
- Top 20
- Top 10%
- Top 25%

Identify any business constraints

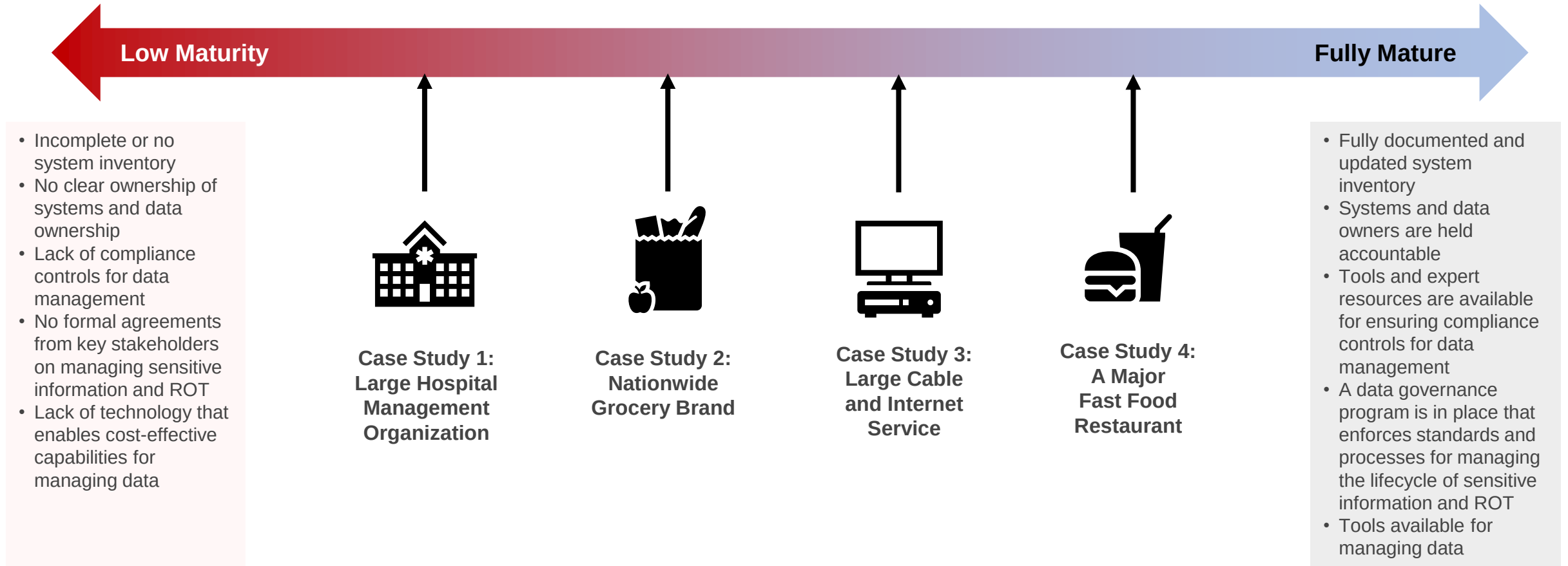
- System retirement
- System upgrades
- Resource availability
- Funding availability

Align with other initiatives

- Information Security
- Litigation
- Business goals/priorities
- High-cost environments

Four Case Studies

Four Case Studies, Four Industries, Four Levels of Maturity



Case Study 1: Large Hospital Management Organization



Low Maturity

Fully Mature

POSITIVES:

- Identified RIM and overall governance as gaps
- Executive support to explore solutions and begin the “journey”

ISSUES:

- No clear ownership or accountability
- No functioning RIM or Privacy program
- Concerns about privacy law enforcement (HIPAA)
- Lack of alignment across stakeholders (RIM, Privacy, Info Sec, etc.)
- No understanding of data environment including divested hospitals
- Conflicting reports on IT costs, litigation portfolio/costs, breach exposure

REMEDY:

- Assign accountability to appropriate executive sponsor (Legal)
- Create “Coalition of the Willing” to function as steering committee
- Utilize combination of stakeholder and business interviews with departmental knowledge for risk ranking

Case Study 2: Nationwide Grocery Brand



Low Maturity

Fully Mature

POSITIVES:

- Functioning but underfunded US RIM and Privacy programs
- US accountability identified and supporting
- Funding for expansion and operational roll-out approved
- Partial data environment mapping

ISSUES:

- Concerns about privacy law enforcement (CPRA, VCDPA, etc.)
- International footprint with multiple jurisdictions
- Global governance plan focused EU creating misalignment in US
- IT disconnected from RIM and Privacy work
- Partial data environment mapping

REMEDY:

- Focused on customer-centric applications/environments
- Project to update RIM and Privacy programs approved
- Created project team with steering committee including IT
- Utilized the existing data map combined with stakeholder interviews for risk ranking

Case Study 3: Large Cable and Internet Service



Low Maturity

Fully Mature

POSITIVES:

- Aligned RIM, Privacy, Litigation functions
- Funding for expansion and operational roll-out approved
- Asset inventory complete for “major” data environments
- Tools developed and in-place to connect Asset Inventory

ISSUES:

- No clear ownership or accountability
- Concerns about privacy law enforcement (CPRA, VCDPA, etc.)
- Data map not connected to RIM, Privacy, Litigation functions

REMEDY:

- Assign accountability to appropriate executive sponsor (Legal & InfoSec)
- Focus resources and efforts on “Wizard” to connect Asset Inventory to RIM, Privacy, and Litigation functions
- Utilize “Wizard” reporting to aid in creating risk ranking

Case Study 4: A Major Fast-Food Restaurant



Low Maturity

Fully Mature

POSITIVES

- RIM and Privacy work in-flight and positive momentum including near complete asset inventory
- Executive support
- Funding for expansion and operational roll-out approved

ISSUES:

- No clear ownership or accountability
- Concerns about privacy law enforcement (CPRA, VCDPA, etc.)
- Lack of alignment across stakeholders (RIM, Privacy, Info Sec, etc.)
- Conflicting messaging and goals
- Resource constraints

REMEDY:

- Assign accountability to appropriate executive level sponsor
- Created steering committee with cross-functional representation (decision makers)
- Create aligned roadmap, goals, and coordinated messaging
- Utilize asset inventory, stakeholders, and steer co. to create risk ranking



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