

Overview

Curvature Discovery is an all-encompassing, manufacturer-independent, solution that leverages intelligent auto-discovery to collect detailed information across applications and IT infrastructure, (compute, VM, cloud, storage, network and end-user devices). Our comprehensive approach to discovery focuses on **People, Process** and **Technology**, to create the most accurate view of your environment. Our team of discovery experts are not only tool savvy but are also experts at collaborating with business and application owners to collect relevant human intelligence that cannot be auto-discovered.

Technology, Auto-Discovery, powered by *Virima*, is an agentless discovery product that uses machine intelligence to uncover your organization's IT assets. Deployed by our team of experts, Auto-Discovery captures virtual and physical assets, including applications and services, and automatically creates dynamic visualizations for application dependency, business service, and communication maps.

Curvature Discovery is the starting point to numerous IT and cloud transformations, ITAM and assessment projects. The most important question for initiating a discovery project is: What will this information be used for afterwards? How will this information benefit my business?

Use Cases and Customer Challenges

Whether your organization needs to capture basic asset data for an audit, or implement a full ITAM solution or plan a data center or cloud transformation, our Discovery service is the first step to achieve your goal.

Customer Need Pain Point	Business	Technical
Data center or cloud migration, consolidation, relocation	✓	✓
Mergers and acquisitions (due diligence, IT assessment, integration planning, data center or cloud transformation)	✓	✓
Infrastructure assessment (uncover risks, issues, & performance)		✓
Implementing a new CMDB or complete ITAM solution (get a handle on what IT assets are in the environment)	✓	✓
Infrastructure optimization or integration		✓
Optimize software contracts and licensing	✓	✓
Compliance audit (HIPAA, PCI)	✓	
Data center or cloud transformation strategy	✓	✓
Disaster recovery strategy/planning	✓	✓
Technology/platform refresh		✓

Business Benefits

Cost: Increase utilization from existing assets and defer costs, quickly respond to audit request.

Security and Risk: Identify potential risks and security issues in your infrastructure and get a handle on what you have.

Performance: Identify performance problems BEFORE they impact your users.

Compliance: Comply with HIPAA, PCI and other requirements when it comes to your assets and applications.

Key Features

Curvature offers various levels of auto and manual discovery based on the needs of your organization, and to make informed decisions about changes to your IT infrastructure, cloud deployments and applications.

Service Levels	Descriptions
Level 1 Basic Discovery	A basic auto-discovery captures the physical and virtual assets deployed in your data center(s), cloud, edge and end-user devices, and generates an inventory list that can be imported into a CMDB or used for other purposes. Or leave Virima deployed in your environment for continuous discovery, and manage your assets with its native CMDB.
Level 2 Dependency Mapping	A basic discovery + auto-discover applications and services running in your environment, with rich visual dependency maps, communication flows, and business service maps.
Level 3 Advance Discovery	A more in-depth process to verify auto-discovery and manually capture key data from app owners and IT resources, such as RTO/RPO, maintenance windows, DR testing, maintenance contracts, licensing, etc.

Differentiation

- Our discovery SMEs are proficient in multiple technologies, spanning server, storage, network, wireless, various operating systems, and applications.
- Leave Virima deployed in your environment for a comprehensive CMDB and IT Asset Management program.
- Manufacturer-neutral discovery means our assessments are unbiased.
- The Curvature Professional Services team leverages findings to inform data center & cloud transformation, IT strategy, design and implementation.
- Global capabilities to perform an onsite survey or an auto discovery. Our global reach means we can support any project, anywhere.

Case Studies

Medical Billing Services Company

National Provider

Overview

- High growth company providing medical billing services to more than 300 healthcare organizations.
- Transitioning from on-premises data center to public cloud over the next 18 months.
- Back-up solution thought to be fully functional across all servers and storage.

Challenges

- Lost data within storage environment that was not recoverable.
- Cloud strategy limiting the time dedicated to keeping systems up to date.
- Running Windows Server 2003 and 2008 on 50% of server environment.

Solution Provided

- Provided auto-discovery of the client's environment (Level 2), comprising over 6,000 configuration items, including 120 Windows servers.
- Discovery assessment showed that 90% of servers were not being backup properly.
- Over 50% of the server environment required security patches.
- Starting January 14, 2020, 50% of the Windows servers will no longer be supported.

Global Beverage Company

\$40B+ in annual revenue

Overview

- Transitioning their IT to 100% cloud based.
- Division requiring support had four data centers.
- Needed a trusted advisor to help plan the transition.
- Expectations to address storage utilization and improve ROI.

Challenges

- Outsourced to an ITO and to manage their infrastructure.
- Aggressive timelines for their transition to the cloud, 12-18 months.
- A suspicion of "lower than average" utilization of their storage assets.
- Expectation of a 20% return on investment for improved utilization outcomes.

Solution Provided

- Integrated Storage Discovery services across three manufacturers and five unique technologies.
- Unlike what any one manufacturer can provide, Curvature was able to provide a single-pane view across all manufacturer/platforms.
- A quarterly analysis of storage environments to provide trending detail and insights into improvement potential.
- Operational readiness analysis (risk) of their environment to confirm the outsourced ITO was correctly managing their storage environment.