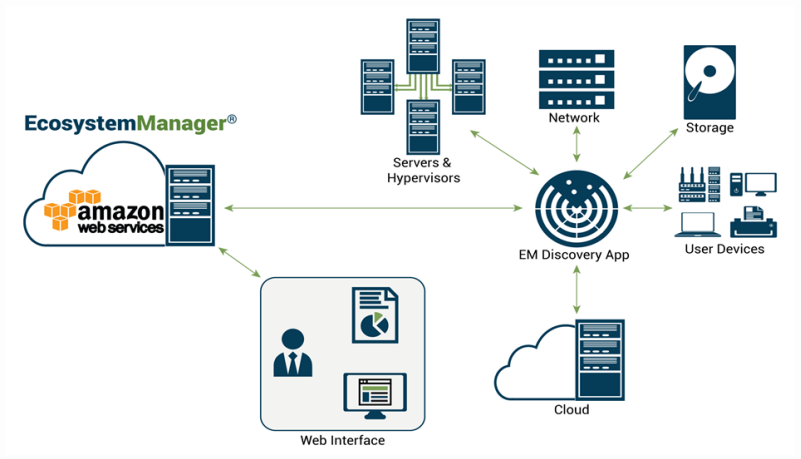
EcosystemManager®
IT Management from Virima Technologies

EcosystemManager™ IT Asset Inventory Management

Why IT Asset Inventory Management isn't just Basic Network Discovery



EcosystemManager™ ITAM/ITSM cloud-based platform includes a world-class IT Asset Discovery Application with a Configuration Management Database (CMDB). Together they provide a fully characterized asset inventory capability with information on each computer/device's configuration, provisioning, and current status. EcosystemManager allows for relationship mapping between devices, servers, users, business applications, networks and services. This is important as many other discovery tools only give you partial asset data or only scan some type of assets or give you limited descriptions. Plus, they do not actually give you the relationships between assets, application, and process dependencies which is important if you want to know, for example, what if a server is brought down, what else is affected.

The relationships enable the CMDB with accurate application dependency mapping (ADM) for reporting. EcosystemManager then presents easy-to-read visual topology and listings of the relationships and dependencies between configuration items. EcosystemManager also provides for detailed reporting, summarized dashboards and charts, as well as allowing for easy export of the inventory configuration data.

By building the CMDB correctly upfront, and regularly ensuring its authenticity with the Discovery Application, the asset management team is very quickly and cost effectively maintaining your IT asset inventory as a foundation for standardizing your IT service management with the other Pink VERIFY™ 2011 certified ITSM modules; Change, Incident, Request, Problem and Knowledge.

One of the most difficult challenges for IT organizations with complex, rapidly changing, asset-driven environments, is maintaining the integrity of their asset inventory. If you break the "chain of custody" on your assets, it's hard to maintain inventory integrity without a really good asset discovery application along with a pristine Configuration Management Database (CMDB). Once implemented, this combination of deep asset discovery and built-in CMDB, allows you to easily bring that asset inventory data into your service management processes.

The output provides the critical asset inventory data with better characterization of application relationships and dependencies, reporting, and visualizations. No other provider on the market brings our extensive data center transformation expertise with large-scale complex infrastructure environments, coupled with best-in-breed discovery application and our core ITAM & ITSM platform.

www.ecosystemmanager.com

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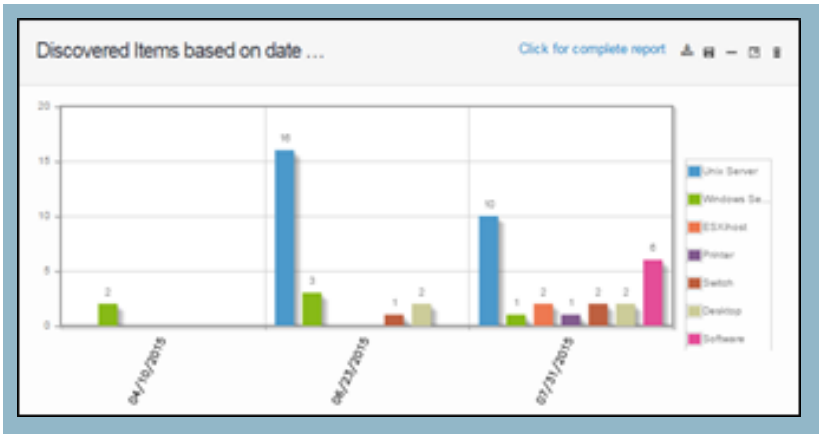
IT Asset Auto Discovery Application



The EcosystemManager Discovery Application is installed on a server in your environment and communicates with all attached computers and devices in the network. The discovery application is not just a basic "auto-discovery" application, but has the advanced capability to search multiple subnets, multi-network scanning, scheduled scanning, deep asset scanning, change identification since last scan, as well as better asset characterization for identifying changes over time in your environment.

The Discovery application searches the network for all attached computers and devices, then populates the Configuration Management Database (CMDB) with information on each computer/device's configuration, provisioning, and current status. Discovery also reports on software which is running, and the TCP connections between computer systems, thereby establishing their relationships.

The discovery application finds and models complex asset infrastructure, data center, and cloud environments with full, incremental, scheduled, and ad hoc discovery, and customizable scanning which ensures your CMDB accuracy with application dependency mapping as foundation for IT management.

The discovery application also enables relationship mapping between devices, servers, users, business applications, networks, services, dependencies; and presents easy to read visual topology and listings of the relationships and dependencies between configuration items.

- Locations, server (physical, virtual, and database), OS (including patches & packages), firmware, network, storage and software can be auto discovered.
- Discover Linux, Windows and VMware platforms as well as Simple Network Management Protocol (SNMP) Network Devices.
- Hardware: Host Name, Manufacturer, Model, Serial Number, RAM, IP Address, OS and Version, CPU, Network, Storage, etc.
- Software: Host Name, Product Version, Vendor, etc.
- Virtual: Host Name, OS and Version, Cluster, CPU, RAM, IP Address, Networks, etc.
- Customizable discovery elements including descriptions, commands and fields.
- Scheduled or manually launched network discovery scans can be limited to host, IP address range, application dependency and pattern.
- Single sign-on compatibility with Active Directory
- Identify and discover assets in multiple Subnets - choose from a single IP address, a whole range of single subnet, multiple subnets separated by comma, and CIDR format.
- Detailed logging of scan issues, e.g., Failed credentials, Inaccessible ports, Problems with Firewall, etc.

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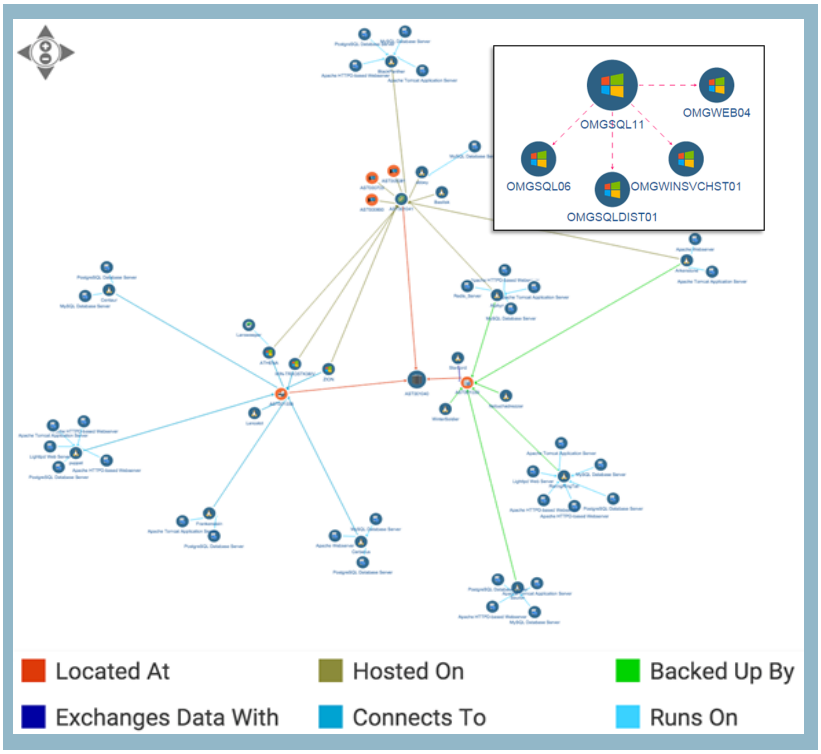
Asset Characterization, Relationship, and Dependency Mapping



- Identify asset utilization information; such as Disk usage, CPU usage and other useful data that can be extrapolated to find out the overall usage of any systems in the IT infrastructure.
- Automatically discover most of the communication relationships and physical relationships between IT assets.
- After discovering the assets and their interrelationships, an Asset dependency map can be generated that gives a birds-eye-view of the IT assets and their dependencies.
- Automated hardware, software and service relationship mapping and correspondence with current IP-supported CIs in the Configuration Management Database (CMDB)
- Mapping reports illustrate asset, application and service dependencies and which hosts, applications and CI components are communicating with each other.
- Provides impact analysis topology view (application, all shared applications, and the storage utilization) along with a list of impact.

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PinkVERIFY™ 2011 6 PROCESSES

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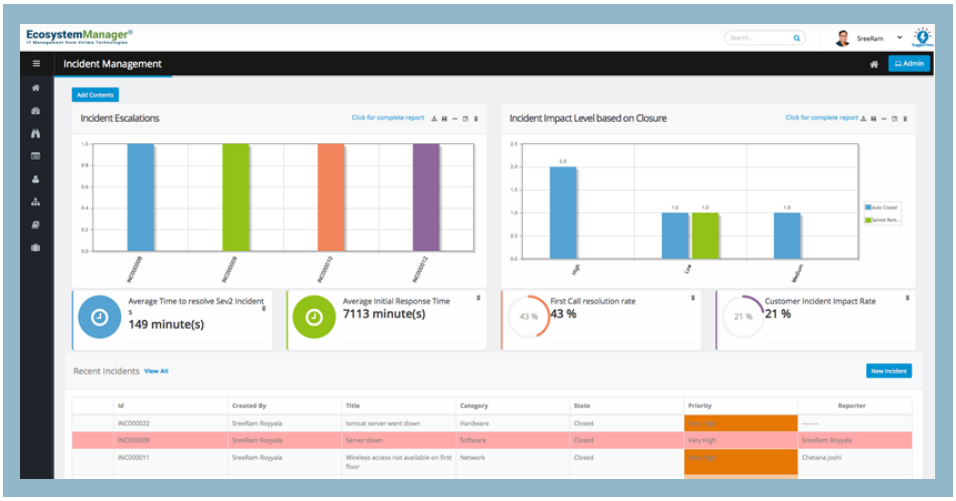
Configuration, Change, Incident, Problem, Knowledge, Request

Foundational CMDB for Service Management

- Supports storing and tracking of IT assets throughout their lifecycle. This includes the ordering process, testing/ QA, deployment to production, spare inventory and decommissioning.
- Choose which configuration changes are reviewed before being accepted into the CMDB eliminating the risk of bad data making it into the CMDB.
- IMAC - Installs, Moves, Adds and Changes tracking for new installs to the infrastructure, and any additions and changes to the IT environment in general. With relationship graphing, EcosystemManager can also identify the assets that are moved from one place to another.
- Identify and be alerted to unauthorized assets that should not be on the network; i.e. unsupported OS's and applications, as well as, lost or stolen devices.
- Assign a confidence score for assets that are in the CMDB but can no longer be discovered so that eventually those assets can be classified as missing and appropriate action can be initiated.
- Assets in stock and/or CIs can be manually entered/updated (with online customizable forms) to the system or uploaded from a spreadsheet.

- Ability To Define CI Attributes, Relationships, and Related Services
- CMDB Security Access Controls
- Hierarchical and Networked Relationships Between Assets
- Automatic Input Data Validation
- Automatic Notifications
- SLA-based Escalations
- Asset Versioning & Change History
- Industry standard MySQL



Virima Technologies, headquartered in Atlanta, GA is an innovator in managing risks associated with complex data center consolidation, IT service delivery efficiencies, and IT performance optimization. Our EcosystemManager® IT Asset & Service management SaaS platform provides effective alignment of IT operations and assets with business strategy and processes, thus enabling greater optimization of the IT ecosystem for management, reporting, and Information Technology Infrastructure Library (ITIL) functions. Learn more about Virima at www.virima.com or the EcosystemManager SaaS solution at www.ecosystemmanager.com.

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