RESOLVE

Resolve Insights for Auto-Discovery and Dependency Mapping

Always ensure accurate, up-to-date, comprehensive data of your hybrid IT environment

IT teams, today, manage complex application footprints across development, test, and production environments, both on premises and/or on public clouds such as AWS, Azure, and GCP. While we continue to innovate and improve on technologies powering modern enterprises, the shift toward cloud-native applications and microservices has created complexity for IT operations teams who support these environments and applications.

Keeping up with business initiatives and efficiently operating in this brave new world requires full visibility and control of all IT assets. Resolve Insights' automated discovery and dependency mapping allows IT to track dynamic, multi-layer relationships between applications and hybrid infrastructure, creating rich, visual topology maps. Visibility into application and underlying infrastructure is a critical enabler of IT efficiency.

BENEFITS OF AUTOMATED DISCOVERY AND DEPENDENCY MAPPING

Quantify the business impact of performance issues and outages to accurately prioritize incidents

Perform root cause analysis with visual drill-down into the component that has been impacted

Reduce MTTR and accelerate incident resolution with full-stack visibility

Execute changes confidently and quickly with visibility into potential service impacts and systems dependencies

Eliminate manual work by automating processes to capture real-time inventory and updates to the CMDB

Improve uptime and customer satisfaction

Improving service quality begins with an in-depth knowledge of the relationship between applications and infrastructures. Resolve Insights delivers features and capabilities that help you achieve service excellency.

- Provide comprehensive, near-real-time inventory with rich visual topology maps

- Improve security and compliance by identifying unknown Configuration Items

- Scale to tens of thousands of devices; discover more than 2000 entities every 30 minutes

- Track multi-vendor, multi-domain, multi-layer relationships; discover both storage and network entities as well

- Auto-generate reports about everything you've auto-discovered and mapped

APPLICATION DEPENDENCY MAPPING

Resolve Insights automates application discovery, including discovery of application flows and application services within the hosts. For more complex applications comprised of many items, we use a proprietary clustering algorithm that dynamically discovers collections of interconnected application flows. A drag-and-drop interface groups these flows together to create a single pane of glass for each business-critical app.

Once mapped, the application context is available on multiple dashboards (Application Health, Events, Operations) with useful visualizations including topological view. These dashboards give you the ability to focus in on the relevant application components metrics and their operational status.

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Detailed application-centric views prove valuable when:

- Working to solve an application issue, such as slow response time or transaction errors; allowing you to see application-related alerts in a time series, without the noise of alerts from unrelated devices and services.

- Performing potentially service-impacting maintenance on an infrastructure element, such as a network switch or storage system; revealing which applications will be impacted.

- Migrating an application to another datacenter or cloud provider and needing to understand which dependencies must be considered.
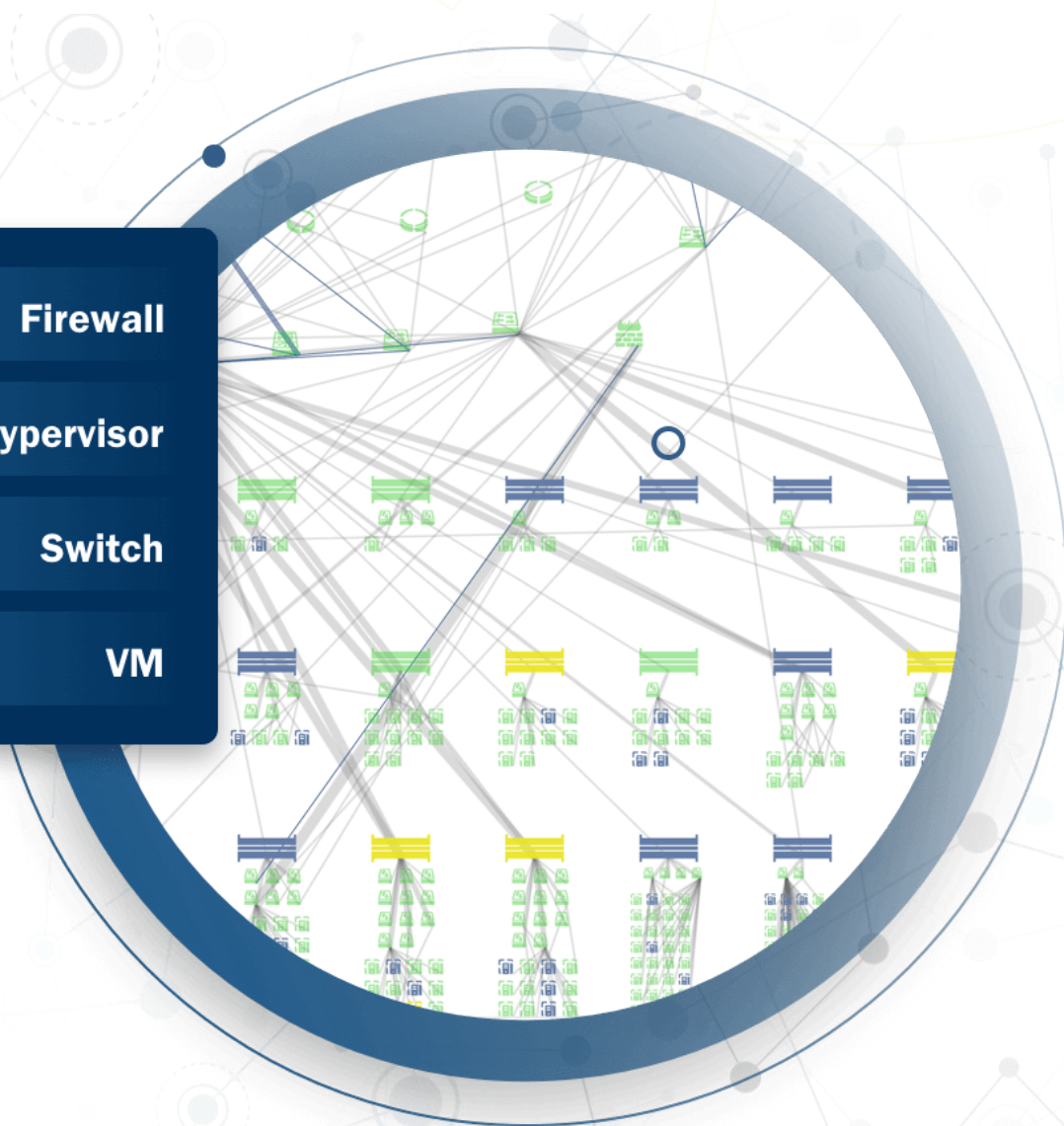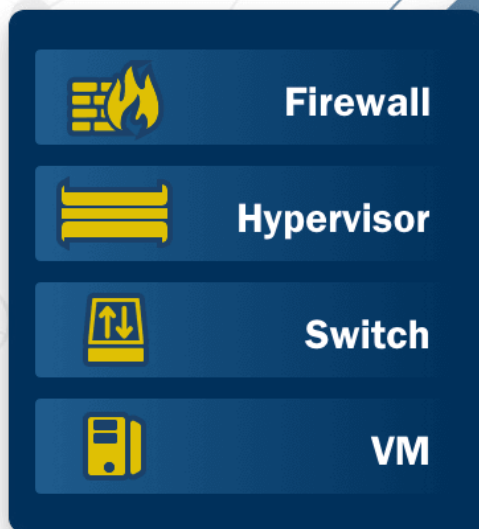
AGENTLESS AUTO-DISCOVERY FOR THE ENTIRE IT INFRASTRUCTURE

Resolve Insights automates discovery of physical and virtual infrastructure components in dynamic, complex IT environments — on-premises and in the public cloud. Lightweight data collectors scan subnets or user-specified boundaries to quickly identify compute, network, and storage CIs in the IT environment.

Data collected includes details about each entity, such as vendor make, model, platform, configuration, IP address, and more. The resulting real-time inventory can be easily viewed by device type or IP address range, in custom filtered groups, or in a tabular list view.
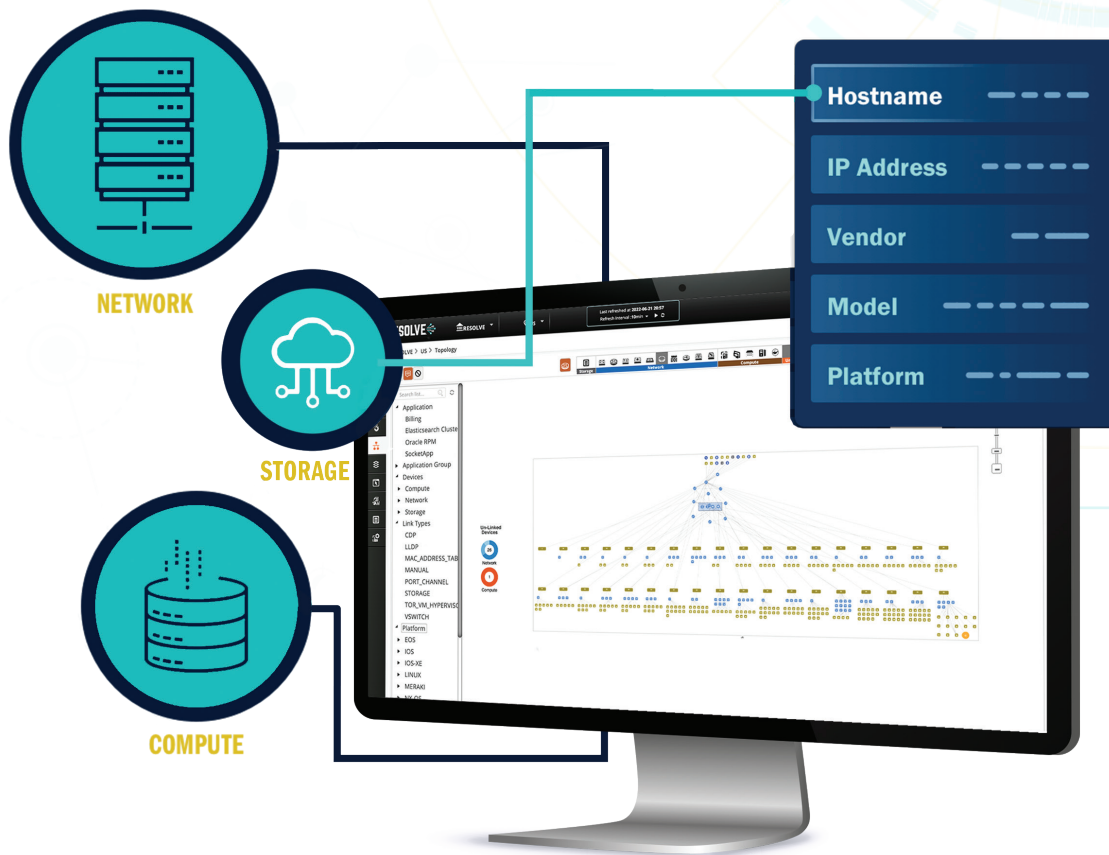
Completely agentless	Provides **quick** time-to-value	**Detailed** real-time inventory; determines a variety of details, e.g. IP, vendor make, model, platform, etc	Built for scale; discovers more than **2000** entities every 30 minutes	**Discovers** storage and network entities, unlike others that discover only servers

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PURPOSE-BUILT INTELLIGENT AUTOMATION FOR IT

See fast results with ready-to-use SaaS solutions: Out-of-the-box accelerator packs delivered in a no-/low-code experience to start automating immediately

Integrate with your existing IT systems: Integrate and orchestrate with existing IT infrastructure using hundreds of pre-built integrations or add your own

Scale easily from simple tasks to the most complex processes: One powerful platform to orchestrate all IT use cases

ABOUT RESOLVE   resolve.io

Resolve Systems helps enterprise technology teams worldwide achieve agile operations with an industry-leading intelligent IT automation platform. With more than a decade of automation expertise, Resolve's solutions are purpose-built to address challenges posed by increasing IT complexity. Organizations use Resolve to automate IT operations, service management, network operations, cloud operations, and enable Centers of Excellence to orchestrate enterprise-wide automation. Resolve enables organizations to maximize operational efficiency, overcome labor shortages, reduce costs, quickly troubleshoot and fix problems, and accelerate service delivery. Resolve is majority-owned by Insight Partners, a leading global venture capital and private equity firm investing in high-growth technology and software companies.