

# Turbonomic: At-a-Glance



## Turbonomic Benefits

- Continuously assures application performance by driving continuous health through full stack AIOps resourcing
- Built for Scale, without Complexity
- Application Performance Extensibility (APEX) – Bridges the gap between application and infrastructure teams
- Brand New reporting framework
- Intuitive UI and UX
- Freedom and flexibility of deployment

## Application Resource Management

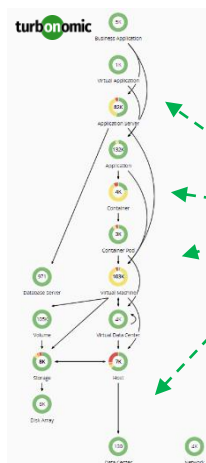
Turbonomic Application Resource Management (ARM) assures application performance by continuously matching real-time application demand requirements with infrastructure resources in any environment from containers, on-premises, hybrid cloud and multicloud. ARM normalizes and manages full stack shared resources by building dependency graphs (known as supply chain stitching) at each layer of the stack from application to infrastructure components. The software platform applies economic principles to match application demand to infrastructure supply, enabling customers to maintain a continuous state of application health and prevent issues that cause poor customer experiences, negative business impact or application downtime.

## Turbonomic: Built for Scale, Without Complexity

In today's digital landscape, customers are scaling their environments at unprecedented rates and deploying applications on a variety of complex technologies. Our customers are adopting cloud, microservices, and container technologies to increase their scale and elasticity. Turbonomic 8 enables customers to manage the tradeoffs between performance, compliance, and cost through automatable resourcing actions that include starting and stopping, initial and continuous placement, and sizing and re-sizing. Continuous reprioritization of the full stack of shared resources enables fluid resource sharing across applications and assures application performance in real-time without human intervention so business teams can focus on innovation and leverage the power of AIOps to assure application performance.

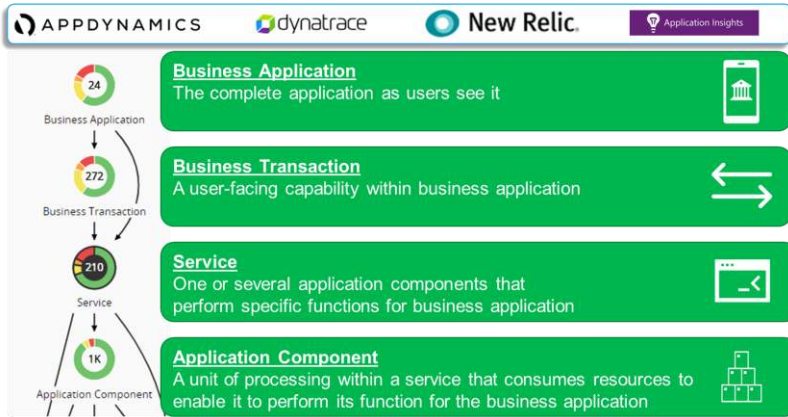
## Purpose Built for the Largest Multicloud Environments

Purpose-built, Turbonomic is trusted to assure application performance in a number of the world's largest multicloud environments.



- 1 Scale to millions of full stack, connected infrastructure elements with full relationship context and dependencies
- 2 Bridge the gap between application and infrastructure teams through continuous dependency stitching
- 3 Understand all resourcing decisions in the context of applications

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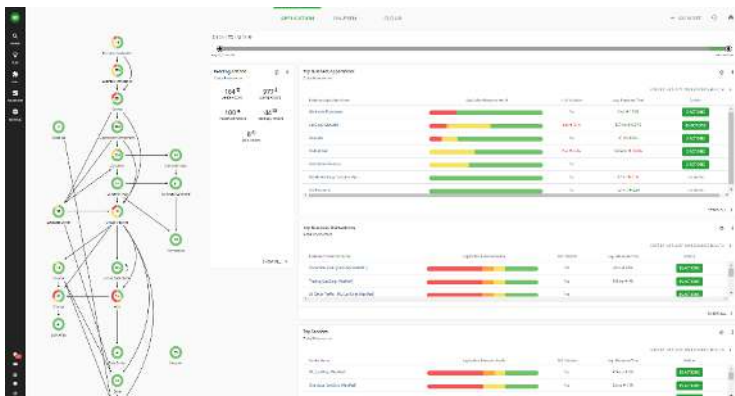
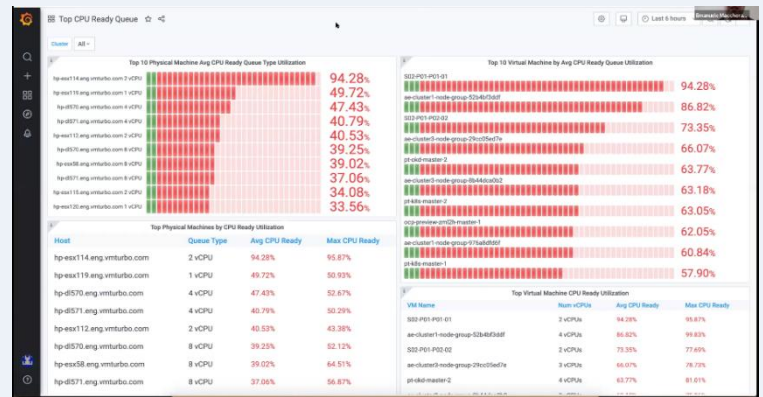


## Application Performance Extensibility (APEX)

Turbonomic has enhanced integrations with APM solutions, discovering application entities as business application, business transaction, service and application component. Once discovered, all infrastructure dependencies, risks and actions are correlated back to the applications bridging the gap between application and infrastructure teams. For customers that define topologies and track performance metrics by other means such as ServiceNow, SolarWinds or Jira; the Data Ingestion Framework (DIF) provides a simple method to capture application topologies and metrics in Turbonomic.

## Brand New Reporting Framework

Turbonomic provides enhanced out-of-the-box dashboards that enable users to quickly visualize the relationship between application performance, response time, and automation of their infrastructure. The Turbonomic extensible reporting framework is powered by the widely used Grafana.



## Intuitive UI and UX

Turbonomic has an application centric User Interface (UI) and User Experience (UX) that bridges the collaboration gap between application and infrastructure teams, providing a single source of truth for Applications, DevOps, SRE and IT operations. Customers can directly correlate infrastructure risk, optimization and actions back to the application. Application owners will have insights into performance risks and actions at the infrastructure layer. The intuitive UI and UX will further simplify assuring performance for applications, cloud, container and virtualization stacks.

## Freedom and Flexibility of Deployment

- ✓ Natively on any Kubernetes infrastructure on-premises or in the cloud
- ✓ In the cloud, either AWS or Azure marketplace to optimize cloud performance and cloud costs.
- ✓ As a SaaS offering, available for cloud customers.
- ✓ As a virtual appliance on every major industry hypervisor to manage your entire hybrid and multicloud environment from a single control plane.



Kubernetes



Cloud



SaaS



On-Premises

### About Turbonomic, an IBM Company

Turbonomic, an IBM Company, provides Application Resource Management (ARM) software used by customers to assure application performance\* and governance by dynamically resourcing applications across hybrid and multicloud environments. Turbonomic Network Performance Management (NPM) provides modern monitoring and analytics solutions to help assure continuous network performance at scale across multivendor networks for enterprises, carriers and managed services providers. For further information, please visit [www.turbonomic.com](http://www.turbonomic.com)

\* [www.turbonomic.com/resources/case-studies](http://www.turbonomic.com/resources/case-studies)