

To learn more about Catchpoint IPM, please visit [www.catchpoint.com](http://www.catchpoint.com)

# Orchestra

## Harnessing the Power of Raw Data from Global Vantage Points



Monitoring data requires two essential capabilities: the ability to analyze diverse telemetry types and the ability to collect non-aggregated data. Why? Because you need to gather data from various devices and sources worldwide and present and analyze it all within a single interface. Additionally, aggregated data overlooks crucial details that can impact performance insights.

Catchpoint leads the way in solving these challenges with Orchestra, the data analytics framework that powers Catchpoint's award-winning Internet Performance Monitoring (IPM) platform. Designed specifically for monitoring and analytics, this clustered, highly available SaaS data store excels at ingesting vast quantities of unsupervised, non-aggregated data in real-time, allowing us to deliver immediate answers to complex questions spanning millions of data points.

# What makes Orchestra unique?

## 1. Direct access to raw data:

Orchestra provides direct access to raw data, allowing you to slice and dice your data to get the answers you need, without losing important information due to pre-aggregation.

## 2. Real-time data analysis:

Unlike other tools that limit real time data processing, Orchestra can handle large amounts of data live, allowing you to analyze your data in real time without impacting user experience.

## 3. View multi-dimensional data:

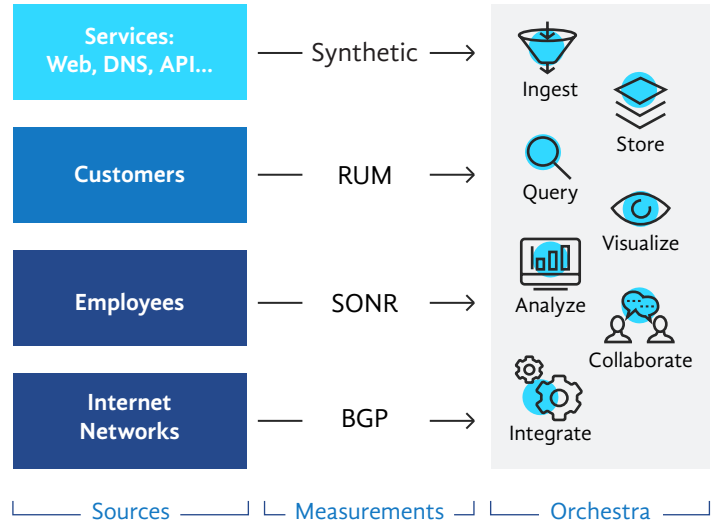
Orchestra allows you to view and analyze multi-dimensional data without constraints on visualizing multiple metrics from different data sets.

## 4. Graph analytics:

Orchestra uses graph analytics to help you pinpoint and visualize issues in your network data that can't easily be found with traditional data storage and processing tools.

## 5. Long-term data storage:

Orchestra scales to meet the largest enterprise needs, enabling you to store and analyze data from longer periods of time (3 years by default, up to 7 years on request).



## Seven benefits of a dedicated Orchestra

While most Catchpoint customers typically share space in Orchestra backends, there is an option to assign dedicated Orchestras that are not shared.

### Here are seven benefits of leveraging a dedicated Orchestra:

#### 1. Increased API call limits (90/min, 3000/hr, 40,000/day):

A dedicated Orchestra handles higher API call volumes, increasing the limits for seamless data processing and load distribution. Further, you have the flexibility to add multiple dedicated Orchestras to scale even further.

#### 2. Longer data storage:

Three years by default, up to 7 years on request.

#### 3. Full data isolation:

Your data is housed in its own partition, improving data security.

#### 4. Secure data destruction:

Choose to permanently destroy specific data files, ensuring confidential information remains irretrievable for enhanced data protection.

#### 5. Expanded custom dashboard limits (up to 250 dashboards):

A dedicated Orchestra provides ample memory capacity to support a greater number of custom dashboards, enabling comprehensive monitoring and analysis.

#### 6. Dedicated analytics system:

Removes security and performance risks of a shared analytics backend system.

#### 7. Increased index limit:

Up to 30 Indexes.

To learn more about dedicated Orchestra, please contact your Account Team or email [hello@catchpoint.com](mailto:hello@catchpoint.com)

Catchpoint is the Internet Resilience Company™. The top online retailers, Global2000, CDNs, cloud service providers, and xSPs in the world rely on Catchpoint to increase their resilience by catching any issues in the Internet Stack before they impact their business. Catchpoint's Internet Performance Monitoring (IPM) suite offers synthetics, RUM, performance optimization, high fidelity data and flexible visualizations with advanced analytics. It leverages thousands of global vantage points (including inside wireless networks, BGP, backbone, last mile, endpoint, enterprise, ISPs and more) to provide unparalleled observability into anything that impacts your customers, workforce, networks, website performance, applications and APIs.