# Omni Data Streamer (ODS)®

## Versatile & Robust Data Streaming Solution

OMNI
DATA
STREAMER

# Take the helm of your data streaming deployments with the Omni Data Streamer (ODS®), which makes orchestrating and managing your pipelines a breeze

ODS® is used for building real-time data pipelines and streaming apps. It is a pre-built, server-side data processing pipeline that ingests data from a multitude of sources simultaneously, transforms, and then deliver it for indexing and big data analytic purposes.

The product builds a real-time streaming data pipelines that reliably get data between systems or applications and transform or react to the streams of data.

It allows for the development of stateful stream-processing applications that are scalable, elastic, and fully fault-tolerant. it includes an open and standard API for a stream-data processing that offers high-level operators like filter, map, grouping, windowing, aggregation, joins, and the notion of tables

ODS® handles all types of logging data and easily ingest a multitude of web logs like Apache, and application logs. It handles many log formats like networking, syslog, and firewall logs, and more and has capability to combine with other data streaming tools.

The product is also equipped with semantic capability which enables filter and transform with semantic process capability with this capability you can easily transform and enrich your data streaming process.

"Combined ODS with Omni Visualization Suite, your enterprise system will have the solid and robust ability to visualize the streaming processes and discover more insights out of your data" – PT. Citrathirza Astarijaya
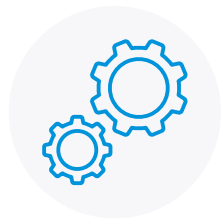
# Create, Stream and Configure Your Pipeline, Your Way

ODS® has a solid framework for data streaming. It can be combined with many popular plugins in the market. Mix, match, and orchestrate different inputs, filters, and outputs to work in pipeline harmony. Ingesting data can be easier to create. ODS® also has a fantastic pre-built script and a plugin generator to help you start and configure your pipeline.

## Ingest Data of All Data Types, Sizes, and Sources

Data is often scattered or siloed across many systems in many formats. ODS® supports a variety of inputs that pull in events from a multitude of common sources, all at the same time. Make easier to ingest from your logs, web applications, data stores, and various cloud services, all in continuous, streaming fashion.

## Configure, Parse & Transform Your Data Easily

After streaming data from source to store, ODS® filters parse each event, identify named fields to build structure, and transform them to converge on a common format or semantic capability for more powerful analysis and business value. At this step, one can also validate the raw event and tag it with additional metadata which will be used by downstream processing.

ODS® allow you to enrich different data elements of the normalized event. Examples of enrichment are GEO where an external IP address is enriched with Geo IP information (latitude/long coordinates + City/State/Country) or HOST enrichment where an IP gets enriched with Host details.

# Visualize and Discover More on Your Data

Combined ODS® with Omni Visualization Suite provide more capability on associative data experience. Smart visualizations on Omni Visualization Suite summarize the overall shape of the data set, highlight outliers, and depict hotspots and areas of data density for large data sets. Making easier to analyst your data as the result of streaming processes. Omni Visualization Suite allows users to quickly spot areas of interest to explore further to discover more on the data. Omni Visualization Suite also provides advanced analytics integration, which federates the power of third-party engines such as R and Python to business users, updating calculations in real-time as people explore.

# Putting the Data Streaming Process Easier

ODS® configures and combines data ingestion, parsing, transform and publish streaming data processes in simple ways. It also has a management controls that integrates seamlessly with the built-in security features to prevent any unintended rewiring. It has intuitive UI, which makes orchestrating and managing your pipelines a breeze. ODS® equips plugin which has monitoring and pipeline viewer features that can easily observe and analyse an active streaming process. With the power to instantly deploy ingestion pipelines and sophisticated dashboards, your data streaming process starts in minutes.

**For Further Information, Please Contact:**

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