

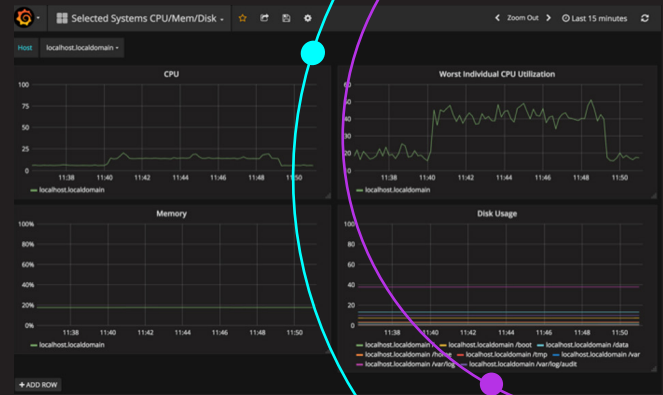
inSIGHT™ ANALYTICS

Collects, stores, and visualizes data

Analyzes control and status data as well as server health data

Enlists GEMS, Telegraf, InfluxDB, and Grafana

Integrates with any ARKA system through our SOFTLINK® software-defined architecture



FEATURES

CAPABILITIES:

inSIGHT Analytics collects, stores, and visualizes data to provide an in-depth look—real-time and historical—at how data moves through your system. Use inSIGHT Analytics for monitoring, data display and analysis, diagnostics, and troubleshooting.

DATA COLLECTION:

inSIGHT Analytics enlists GEMS to collect software control and status data and Telegraf to collect server health data, such as CPU and memory utilization.

DATA STORAGE:

inSIGHT Analytics sends collected data to InfluxDB, an open source time-series database, for retention.

DATA ANALYTICS AND VISUALIZATION:

inSIGHT Analytics leverages Grafana, a data analytics and visualization tool, to display the data using user-configurable dashboards.

INTEGRATION:

inSIGHT Analytics integrates with any of our systems through our SOFTLINK software-defined architecture.

THE POWER OF SOFTLINK:

All of our systems are built on SOFTLINK, ARKA's flexible and configurable software-defined architecture. SOFTLINK leverages a vetted library of modular, scalable software applications (Apps) and services to tailor and evolve system capabilities with minimal risk and cost. SOFTLINK's open architecture and open API enable SOFTLINK Apps to be truly "platform agnostic," meaning Apps can run on premise (our hardware or yours), on Virtual Machines (VMs), in containers, or in the Cloud.

VIRTUAL AND CLOUD DEPLOYMENTS:

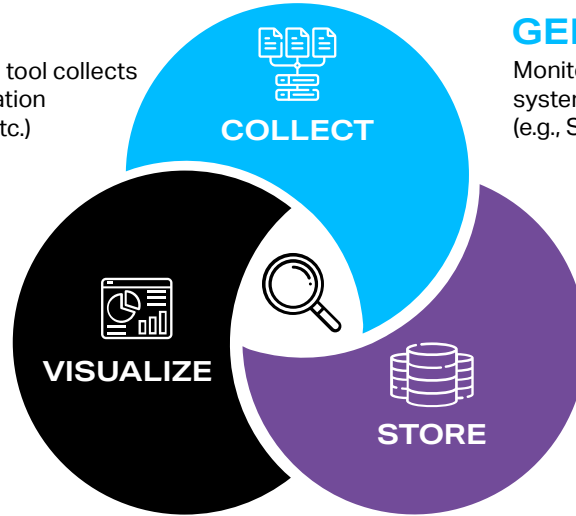
When Apps are deployed in the Cloud, they can be hosted in VMs or orchestrated in containers—interoperating across network boundaries. Multiple instances of these environments can exist simultaneously in various locations to provide resilient, fail-safe solutions. What's more, Apps are "Cloud agnostic," allowing them to perform seamlessly across Cloud platforms.

HOW inSIGHT ANALYTICS WORKS

Telegraf

Resource monitoring tool collects server health information (e.g., CPU, memory, etc.)

IN SIGHT™



GEMS

Monitoring service collects system health information (e.g., SwD control and status values)

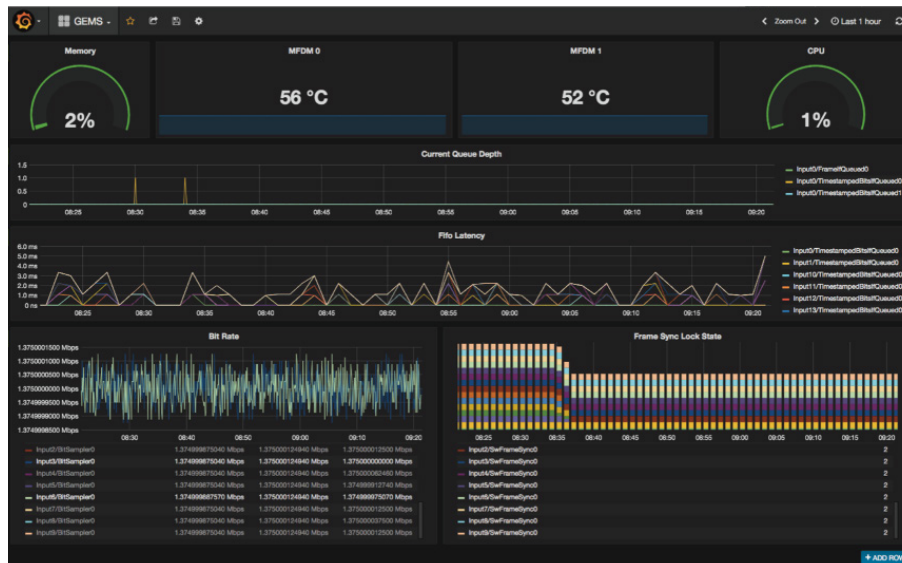
Grafana

Data analytics and dashboard tool visualizes your data

InfluxDB

Time-series database stores independent values associated with time

CONFIGURABLE, INTEGRABLE REAL-TIME DASHBOARDS



Grafana dashboards display data in real time and are fully **configurable**— showing exactly the data and alerts you need, when you need them. What’s more, Grafana dashboards can be easily **integrated** with ARKA’s configurable HTML User Interfaces and with TestExec™, our automated testing framework.



www.arka.org
 @AMERGINT
 amergint-technologies

FOR ADDITIONAL INFORMATION:

2315 Briargate Pkwy., Suite 100
 Colorado Springs, CO 80920 USA
 Tel: 719-522-2800 | Fax: 719-522-2810
 Email: info@amergint.com