

ROAR to enhance the TIBCO Platform



Real-time operation and analytics reporting framework. HCL's ROAR provides an ELK-based real-time view for transactional volumes that are summarized by service, operation, and partner etc.



Kibana

Feed the data to visualizations with Kibana
A picture's worth a thousand log lines. Kibana gives you the freedom to select the way you give shape to your data.



Elastic Search

Storage in the form of indexes and documents on Elastic Search Both storage and processing can be horizontally scaled through addition of hardware.



Log Stash

Pipeline to push data into Elasticsearch.
Data ingestion pipeline to push data into Elasticsearch. Easily ingest from your logs, metrics, web applications, data stores, and various AWS services, all in a continuous, streaming fashion. Parse and transform your data on the fly.





Solution Offerings

Discover

Operational data (logs, transactional, performance, and partner summaries etc.) and business data stored in highly elastic indexes.

Visualize

Customizable and intuitive visuals such as bar charts, pie charts, heat maps, line chart, and graphs etc.

Dashboard

Grouping of multiple visualizations together.
Live visualizations and sharing of dashboards.

Manage

Index creation and settings of UI.
Security Management.
User Management.



Solution Benefits

Real-time operational reporting and analytics help customers in their analysis of the data ingestion and reports

No restriction on the amount of transactional data ingestion pipeline that can be stored, searched, and analyzed. Both storage and processing can be horizontally scaled through addition of hardware

Modern JavaScript-based components that provide intuitive visualization

Responsive design that works well on all form factors

Customized user management plugin from HCL

Case Study – A LARGE AUTOMOBILE INSURANCE CLUB in Australias

The System implementation was part of platform setup for the customer that included Mule Soft integration/migration layer, ADC, common logging, notification framework, and exception handling framework setup. The expectations for ROAR was to setup, implement, and have few visuals designed. ROAR is integrated with Mule Layer and would be receiving applications logs which could help in filling the gap in Analytics.

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Business Benefits:

	Feature	ROAR
1	Visuals availability for 100 Days	Yes
2	Log integration with non-mule application	Yes
3	Flexibility to create/modify visuals with multiple attributes as per the requirement	Yes
4	Horizontally scaled through addition of hardware	Yes



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