

# One of the largest hedge fund in US

## Software as a Service (SaaS)

### Client situation

Client required a nimble workflow which shall compute the result of trading activities. Existing workflow ran everyday in batch mode. Requirement is to run it on-demand.

It is a elaborate workflow compassing various internal departments. It had to support distributed development, testing, operations. It also had to be continuously monitored.

### Key services offered

- Enterprise Development
- Integration with monitoring tool
- High uptime
- Integration with disparate services

### Scope of work included

- Camel Route module
  - Simple Routing module enabling easy implementation of business rules
  - Efficient Schema based data encoding format (avro) for communication
  - Integration with disparate components such as filesystem, JMS, email server etc.
- Easy operations
  - Enabling start/stop of the process without missing any business request
  - Customizable logging to aid development, monitoring, testing
  - Integration with state of art monitoring tools such as splunk
- Minimal external dependencies
  - Dependent on few frameworks such as spring, slf4j, apache camel

- Publish-subscribe based architecture enabled easy development across internal teams
- High uptime of the service, enabling reliable support to business operations
- Easy operations, enabling faster escalations, thereby, minimal downtime