Surveillance Activity Diagram - Uploading Data

Surveillance

Data Import

- File Upload Queue Message Received
- Validate File Upload
- Move unlivened data to Orders and Order Allocations table.
- Publish File Uploaded Message

Data Coordinator

- Publish File Subscriber
- Data verifier Check for stale data Liven full data sets
- Auto Scheduler.If unscheduled live orders build schedule execution from oldest to youngest date for all rules in play
- Publish Scheduled Execution to Rule Distributor

Rule Distributor

- Publish Scheduled Execution Subscriber
- Disassemble long rule runs into many smaller ones
- Publish Many Scheduled Rule Run Per Rule

Rules

- Publish Scheduled Rule Run Subscriber
- Get Rule Parameters for Scheduled Rules
- Build Universe using orders; order allocations and third party data sources
- Run Rules against data set
- Publish Alerts to Client Service
- Publish Data Request Message

Data Synchroniser

- Publish Data Request Subscriber
- BMLL Handler If relevant request time bars
- Factset Handler If relevant request time bars
- Markit Handler If relevant request time bars
- Publish Scheduled Rule Run