

FusionChain

Optimised operating models for improved productivity and business agility.

Summary

Whilst automation logically delivers the lowest process cost, many data intensive enterprises have become prisoners of their own infrastructure. Progressive localised automation has resulted in islands of productivity interconnected by ad hoc processes. This toxic mix of complex operating models and high cost, high performance legacy systems results in slow and expensive change processes which are posing a real threat to the long-term survival of risk averse organisations. Stream's Fusion suite offers a low cost, low risk route to agility through automation and continuous improvement of rationalised and simplified enterprise wide operating models.

Background

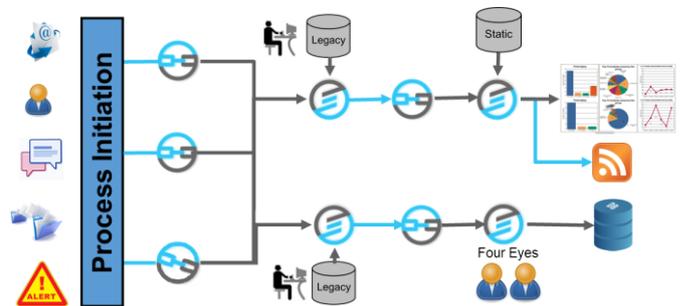
Many businesses have fully automated operating models for many of their data intensive processes. These business-critical processes tend to reside in systems which have been specifically designed to support routine high volume and/or high frequency transactions. Whilst these can offer the lowest cost solution for the business area in question, they are often specialised to the point where they are incapable of supporting the evolving requirements of the wider enterprise. Mostly vendor platforms, these only cover a small portion of the Target Operating Model (TOM) yet require multi-year projects to integrate them into the surrounding infrastructure. Piece-meal automation has created enterprises with "islands of productivity" connected together by a plethora of ad hoc processes; many of which are based on End User Computing (EUC) solutions with their attendant problems of control and key man dependency.

Under competitive and regulatory pressures the infrastructure has evolved into a complex landscape which has driven up the risks and cost of change. In effect, large organisations have become prisoners of their own infrastructure.

FusionChain – A route to Enterprise Agility

Specifically designed to integrate with legacy infrastructures, Stream's FusionChain provides all the functionality required to free organisations from their legacy constraints. No ordinary workflow engine, FusionChain sits on top of Stream Financial's platform agnostic DataFusion technology which has the power to process truly large amounts of data without any loss of granularity. This exceptional underlying performance allows processes to be executed with in-built quality characteristics from the ground up giving full transparency and traceability to eliminate costly exercises associated with error tracking and reconciliation.

Designed to support processes requiring manual input and oversight, FusionChain enables quick and easy incorporation of new requirements with little or no systems impact.



Key Features

- A single coherent view of the entire workflow
 - Improved visibility & Control of processes
 - Identify and remove bottlenecks
 - Identify and reduce manual processing
- Full traceability with lineage at all times
- Quick and easy to implement and change
 - Programmable operating models
 - Little or no systems impact
 - Integrates existing security protocols
 - Integrates legacy analytics
- Open Architecture with data virtualisation
 - Platform, data type and schema agnostic
- Highly fault tolerant
 - Persistent on disk
- Exceptional underlying performance
 - 100% data retention
 - Each workflow step is an enrichment
 - Granular data available at every step
 - Infinitely scalable - trillion rows demonstrated
 - Query and network acceleration
 - Protects and enhances legacy systems.
 - Vector processing capabilities

Benefits

FusionChain offers a low cost, low risk, incremental implementation leveraging legacy infrastructure where appropriate to deliver maximum value:

- Incremental improvement - not a ground-up redesign
- Benefits realisable after each incremental change.