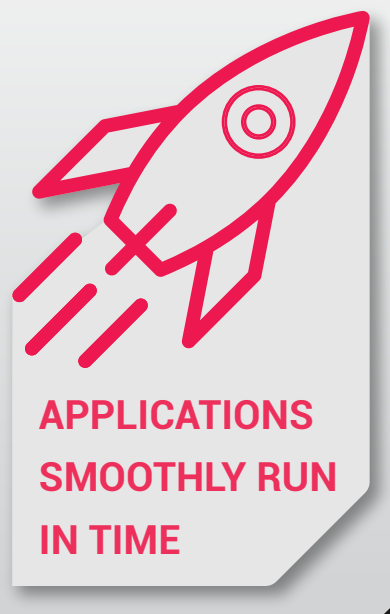
XSTREAM LABS
TECHNOLOGY MADE SIMPLE

eStream

EVENT DRIVEN CROSS-PLATFORM BUSINESS APPLICATION MONITORING

eStream collects events produced by batch jobs and applications by creating an in-memory event map and complex event processors design.
This aims at simplifying monitoring and management of cross-platform scheduled batch processes .
Thanks to the detection and reporting of batch processes anomalies, such delays and errors, it helps to guarantee the quality of business service.



Features Overview

Real-time Tracking & Monitoring of Scheduled Batch Job

> Supports the most used Enterprise batch job schedulers

> Event-driven architecture with a pattern promoting the production, detection, consumption and reaction to events and state changes

> Detects consumption and reacts to events and state changes through Event-Driven architecture.

> Can monitor serial, parallel or mixed program chains

> Supports custom probes and events to allow monitoring of applications not managed by a scheduler

> Triggering of user-defined alarms, commands, actions

> Visual editing of monitoring applications

> Dashboards

Cross-Platform

> Mainframe Schedulers: CA7, TWS and custom schedulers or probes

> Server Schedulers: Schedulix, Quartz, ActiveBatch, Chrontab, Hinemos, OpenLava, Oracle Grid Engine and custom schedulers or probes

> Can be even used for monitoring any hardware SNMP capable device

Technologies

> Event Transport: TCP Socket, HTTP, SNMP, MQ, JDBC/ODBC

> Event Formats: JSON, XML, ASN1, CSV, User-defined using the Event Parser Editor

Neural Network Engine

> Detection of not correctly timed or not applicable scheduling patterns

> Auto-adjustment of monitoring rules

Web Graphical User Interface

> Technical and Executive dashboards

Gathered data extraction

> Through APIs or GUI

Success Stories

The use of eStream allowed one of the main European banks to consolidate the monitoring of Mainframe and Server scheduled batch jobs into a single platform.
By this approach, many different products used on specific platforms (Mainframe, Windows, Unix), have been collided with a considerable licensing cost reduction and an improvement of quality; meaning less incidents and more granular control of cross platform batch jobs.

XStream Suite