



TRANSACTIONAL CICS WORKLOADS MONITOR & PROFILER

cStream performs a Real-Time collecting of CICS workloads performance and consumption stats.

By highlighting anomalous situations it allows to achieve MIPS saving, to improve application efficiency, software quality and to support technical teams in problem solving.



SW QUALITY
EXECUTION TIME
CONSUMPTION

Features Overview

Real-time Profiling

- > Cross CICS transaction tracing
- > Transactions introspection
- > Transaction fingerprinting
- > Transaction-level consumption
- > Program-level consumption
- > Program invocations: LINK, CALL and XCTL
- > COMMAREAs' tracing
- > Visual transaction program calls flow-charting monitoring

Monitoring

- > Automated workloads baselines generation
- > Performance monitoring (per transaction and per program)
- > Consumption monitoring (CICS, MQ, DB2 cpu-time per program, SQL counts, MQ operations and more)

Analysis

- > Auto-classification of transactional workloads
- > Transaction and program-level cpu-time and MIPS consumption
- > Transaction-level and program-level relationships
- > Loops and dead code detection
- > Summarized views per hour, day, week, month and year

Web Graphical User Interface

- > Technical and Executive dashboards

Gathered data extraction

- > Through APIs or GUI

Success Stories

In a few months the use of cStream allowed the technical teams of one of the main European banks to achieve 8% MIPS saving on CICS transactional workloads.

By leveraging this technology they were able to find dead or useless application code, loops and logical errors in transactions.