

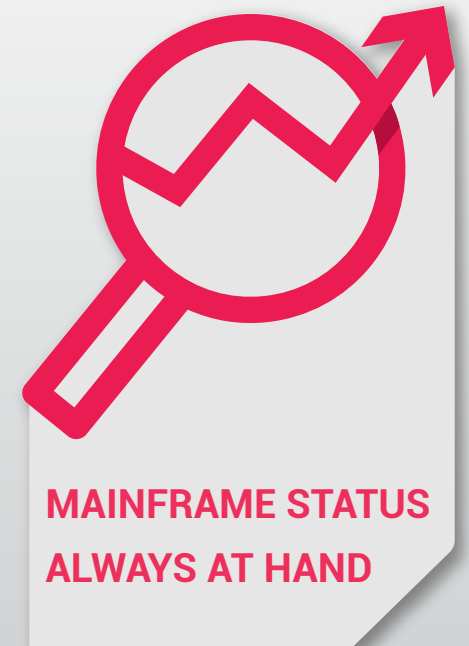


## MAINFRAME GOVERNANCE, SYSTEMS AND SERVICE DELIVERY MONITORING

Agentless product for the monitoring and control of Hardware and Software Assets. It performs a logical mapping of Mainframe's components and the auto classification of systems performance metrics and service indicators.

User-friendly dashboards enable both executive and technical personnel to have a clear real time view of assets and service delivery status so as to correctly adjust IT Governance rules.

Moreover, zStream supports Capacity Planning activities by prototyping different Mainframe configuration scenarios.



### Features Overview

#### Real-Time Discovery & Mapping

##### Mainframe

- > Central Processor Complex (CPC) Layout
- > Logical Partitions (LPARs) Layout
- > CPC Operative Configurations
- > Performance & Load

##### Infrastructure

- > Devices (disks, tapes etc)
- > Logical Volumes
- > Data Sets
- > Switches
- > Channels
- > Performance & Load
- > Delays

##### Sysplex & Operating System

- > Processes
- > Performance & Load
- > Delays

##### Workloads

- > Performance & Load
- > Delays

#### Monitoring

- > 1800+ metrics
- > 50+ Predefined Monitoring Templates
- > User-defined Monitoring Templates editor
- > User-defined consumption limits
- > CPC Configurations changes
- > Hardware Configurations Definitions (HCD) changes
- > Workload Manager (WLM) Policies changes
- > Sysplex/Operating System Performance, Load and Delays:
  - Processes
  - WLM Workloads (system, transactional and batch)
  - User-Defined Workloads
- > Auto-correlation between gathered metrics and user-defined KPI for boosting the trouble-shooting and the impact analysis

#### Configuration Management

- > **CPC Configuration Editor:** to define and schedule specialized CPC configurations depending on time-based workload or licensing compliance needs (eg: different configuration for working days, nights, weekends, holidays, disaster recovery tests, etc.).
- > **Tracking of CPC Configuration Changes**
- > **Planned or unplanned triggers:** to automate the activation/deactivation IBM Capacity-on-Demand (COD) and Capacity-BackUp (CBU).
- > **Hardware Configuration Manager:** to track and schedule Hardware Configuration Definitions (HCD) changes.
- > **IBM Monthly Licence Cost (MLC)** compliance control (Sub-Capacity charges, prevalent Sysplex, four-hour rolling average utilization of LPARs or any other configuration or consumption based IBM license cost).
- > **Automatic Operators:** to configure deploy and monitor.

#### Web Graphical User Interface

- > Technical and Executive dashboards

#### Gathered data extraction

- > Through APIs or GUI

### Success Stories

In three years the use of zStream allowed the technical teams of one of the main European banks to achieve 25% reduction of licensed MIPS.