Rocket® C\Prof

Intuitive transaction profiling for IBM® CICS®

IBM® Customer Information Control System (CICS®) Transaction Server for z/OS is a critical part of your mainframe environment. Ensuring that applications are running well and the ability to quickly find and fix errors are daily requirements. But reproducing a problem and identifying solutions with existing tools can be tedious, time consuming, and expensive.

Rocket® C\Prof helps organizations get more business and operational value from CICS internal trace data. Whether you're an application developer, systems programmer, support person, project lead, tester or analyst, C\Prof provides the added details you need to diagnose problems in your CICS applications faster— with minimal impact on your business-critical applications.

Product benefits

1   Reduces downtime and helps users quickly resolve issues thanks to on-demand trace data

2   Operates externally to CICS

3   Provides comprehensive application analysis with an easy-to-use interface

Holistic, intuitive, and easy to use

Quickly identify problem transactions and drill down to see application events in detail. C\Prof lets you see individual transactions execute across multiple CICS regions, so you can spend less time sorting through diagnostic data and more time solving problems. It's intuitive, easy to use, and provides value to staff across a range of roles and responsibilities.

Increase insight while minimizing CICS resource drain

Stop pulling precious resources away from business-critical applications. C\Prof runs outside of the CICS address space and requires no changes to CICS itself. You can collect and interpret the trace data with significantly less impact on your business operations. Two different operating modes allow you to profile transactions from an application perspective, or to collect trace data to diagnose system problems.

Easily identify problems, minimizing downtime

Capture and analyze problems as they occur

C\Prof lets you capture a problem as it occurs, potentially reducing the need to reproduce it. In less than a second, you can take a point-in-time snapshot of the CICS internal trace data and write it to an auxiliary trace data set. Now you can capture and analyze problems when they first occur without waiting for them to happen again.

Quickly and easily analyze a transaction right within Rocket C\Prof
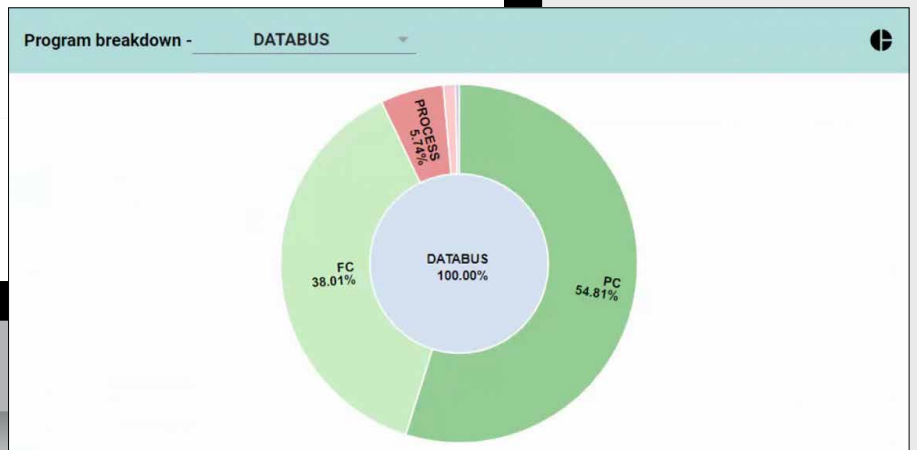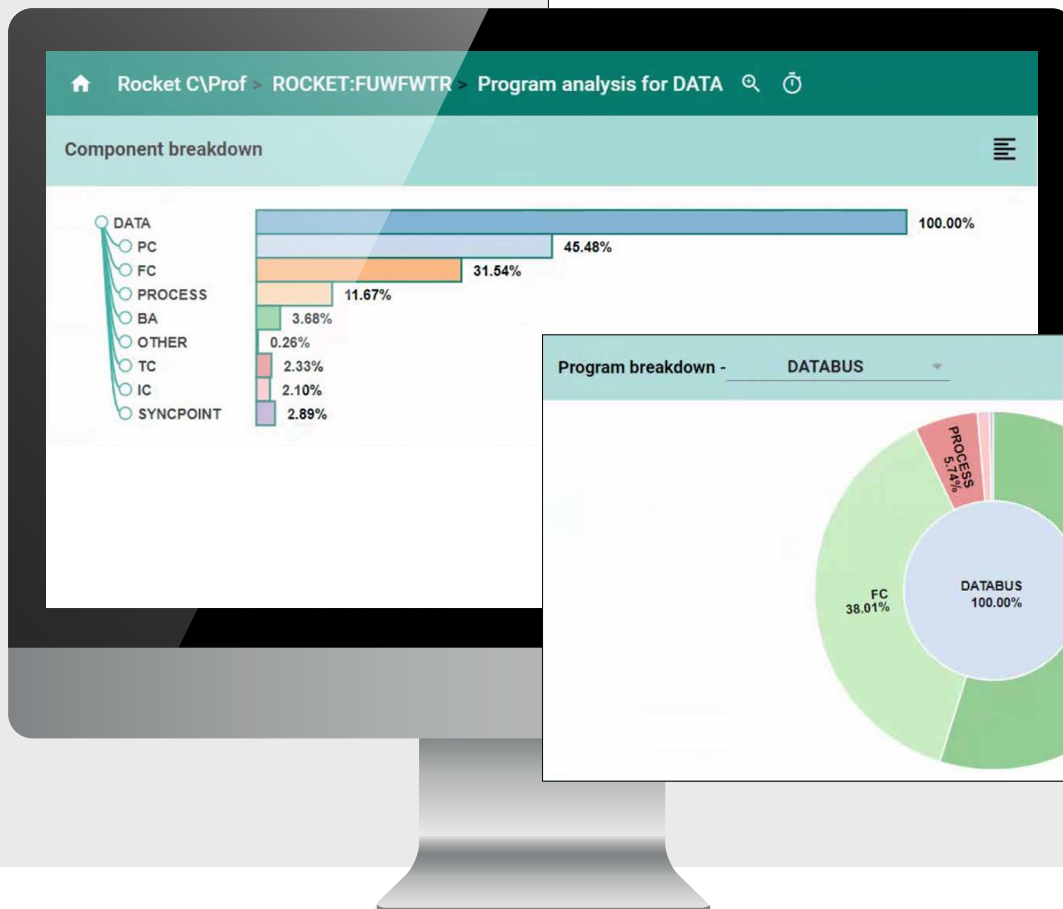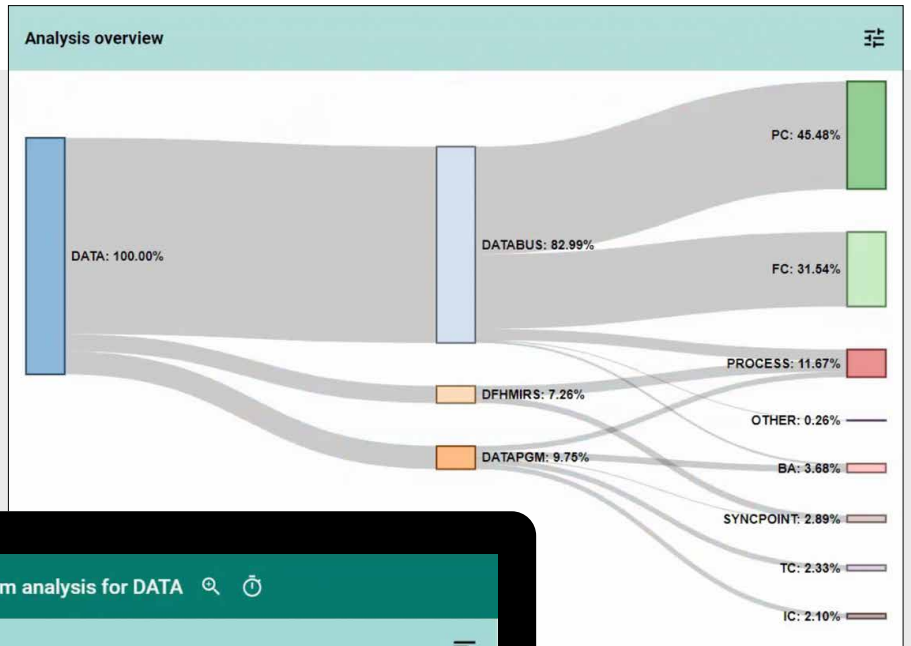
Features/Functionality:

Whether collecting data continuously or in short bursts, the insights captured by C\Prof allow you to:

- Select transactions based on your criteria; for example, transaction name and response time
- Sift through millions of transactions with powerful find, filter, save, and sort capabilities
- Identify all the programs used by a transaction, and the performance profile of each program
- Follow the program flow across multiple CICS regions
- Review all the application calls made by each program—including EXEC CICS as well as Db2, JCICS, MQ, and IMS—in rich detail and with elapsed time analysis
- Dive deep into the trace events associated with each transaction or application call in order to identify the cause of a delay or problem

Tech Specs:

Rocket C\Prof V1.2 has the following requirements:

- IBM System z10 or subsequent 64-bit z/Architecture processor
- z/OS V2.2 or later
- CICS Transaction Server for z/OS V5.1 or later
- IBM 64-bit SDK for z/OS, Java Technology Edition, V8 or later (required for web server)
- Google Chrome (recommended for web user interface)

Rocket Software empowers organizations to create legendary impact in the world through innovation in legacy technologies. With deep expertise in IBM Z, IBM Power, and database and connectivity solutions, Rocket solutions power tens of thousands of global businesses, solving real problems and making real-world impact.