Rocket® Consumption Insights for z/OS®

Mainframe cost transparency

According to IBM®, 80% of the world's business-critical data resides on IBM Z® mainframes. But due to complex reporting processes, it's often only the mainframe experts who truly understand how the platform is being used. This limited understanding between business stakeholders and IT leaders can lead to challenges such as missed optimization opportunities, issues with chargeback processes, and exposure to MSU penalties, making budget control difficult.

Rocket® Consumption Insights allows you to easily visualize your mainframe resource consumption and have meaningful conversations with business and IT leaders about mainframe cost efficiencies. With transparency and understanding across all stakeholders, businesses are empowered to make informed decisions about the mainframe, quickly driving down costs and helping you avoid penalties.

Product benefits

1 Save money through resource optimization planning and efficiency gains

2 Increase productivity with easy-to-use dashboards that give transparency to stakeholders

3 Realize positive ROI in months—not years

Quickly reduce mainframe costs

Rocket Consumption Insights lets customers access data quickly in order to optimize mainframe utilization and drive better resource use across applications. With Consumption Insights, mainframe managers get insight into mainframe MSU usage and can share easy-to-understand metrics with leadership about MSUs consumed by applications, and their specific impacts to the budget.

Increase visibility and understanding of mainframe value

Rocket Consumption Insights provides visibility into your in-house and outsourced mainframe resource consumption with just one click. Interact with data on the fly to better understand multiple dimensions of usage. See the details about consumption or present in a format for business stakeholders, including chargeback reporting.

Save time with automation

Rocket Consumption Insights allows you to automate mainframe MSU consumption reports and enables the identification of detailed consumption in a few minutes. This frees up experienced mainframe personnel to work on more business-critical tasks.
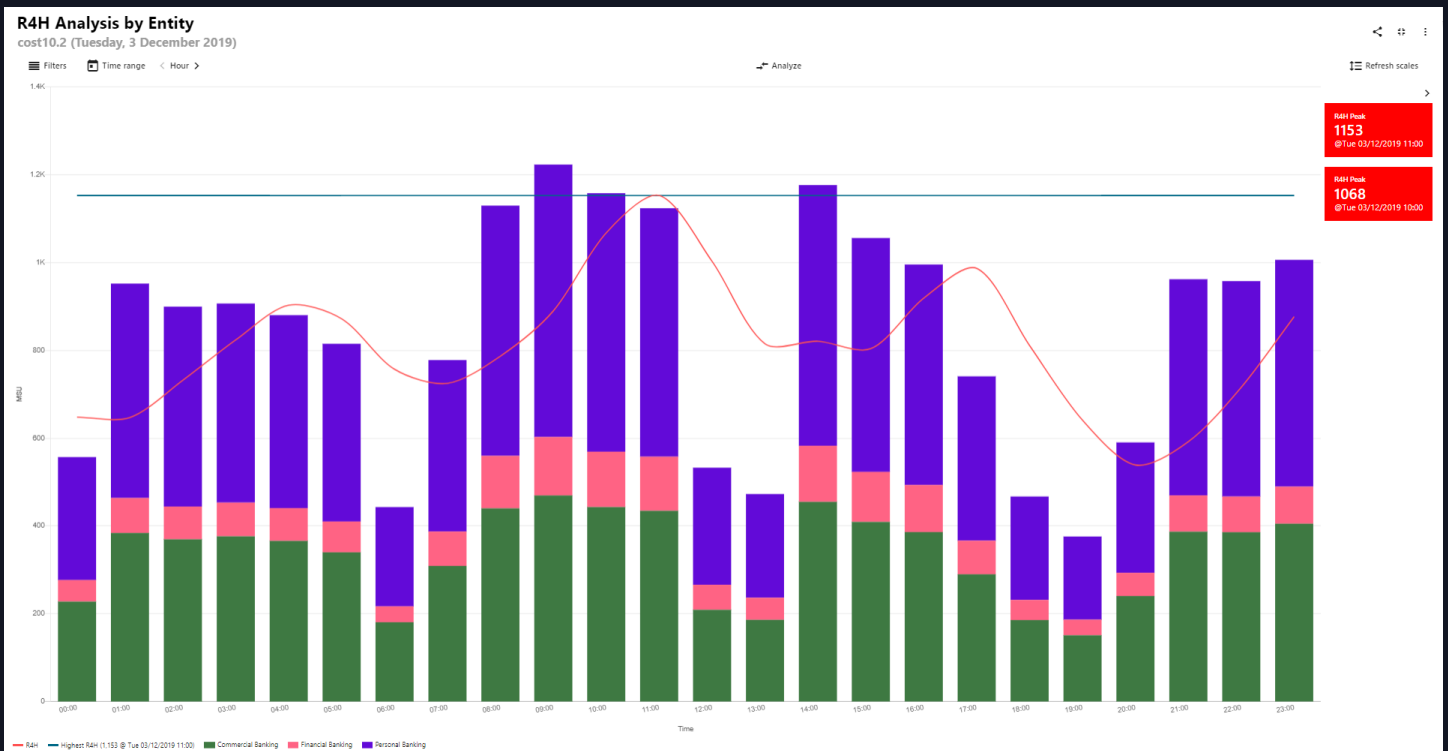

Figure 1: R4H analysis per business entities

Whether managing your mainframe in-house or working with an outsourced vendor, Rocket Consumption Insights allows you to:

✓ Understand what is running on your mainframe and the resource impact of each process, filtered by business entity, program, or application.

✓ Quickly estimate how much you will save by optimizing a program or an application.

✓ Provide quick access to Directors, Business Application Managers and IT Operation Managers via out-of-the-box dashboards with customized views of mainframe activity.

✓ Enable users to create/customize their dashboard with a few clicks.

✓ Provide interactive functions for live analysis of mainframe activity with an easy-to-use sharing feature to send to other stakeholders with one click.

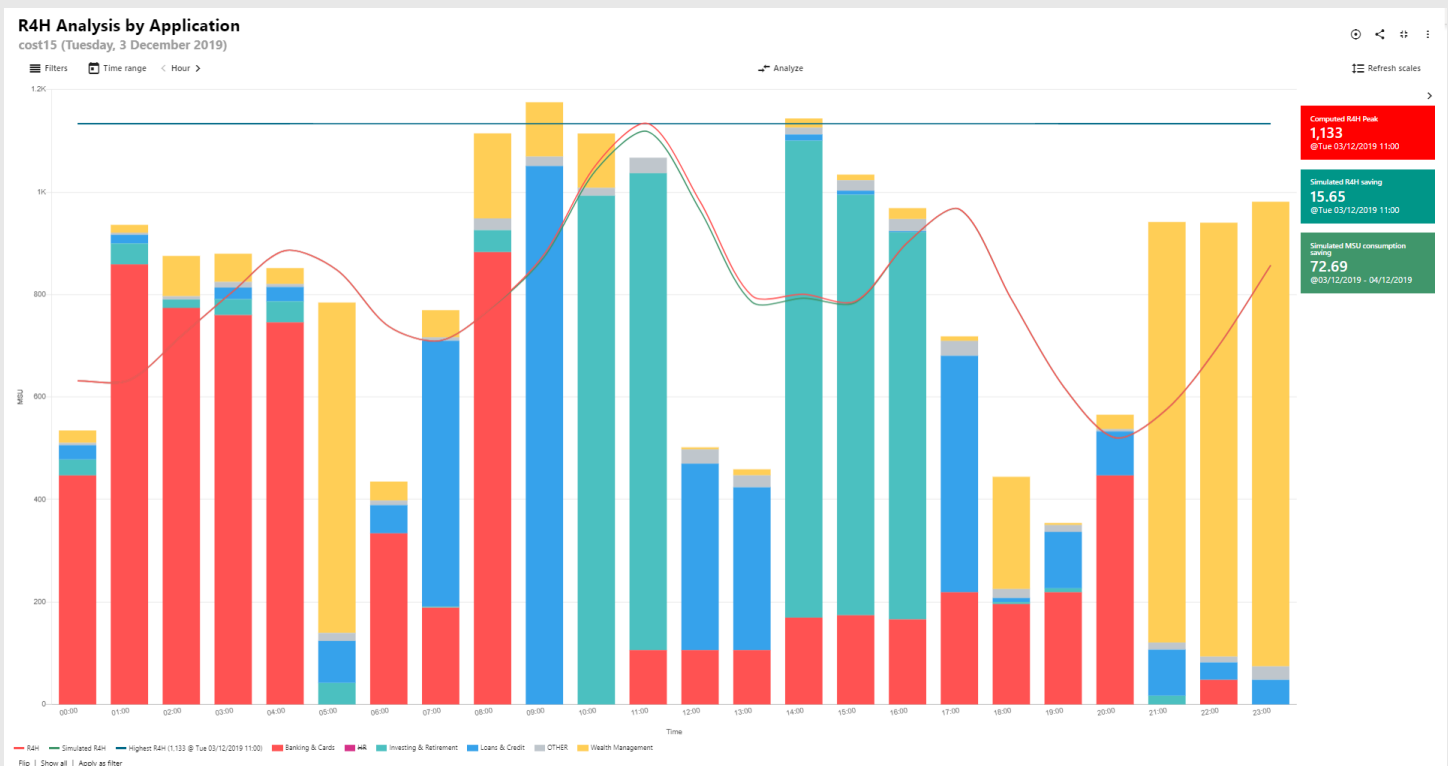✓ Automate delivery and stay apprised of mainframe activity via dashboard subscriptions.

Figure 2: Measure the impact of any application, program, or workload on the R4H peak

Tech Specs

Built using modern technologies, Consumption Insights provides out-of-the-box, easy-to-customize dashboards. It's a lightweight solution that can be implemented and customized in a few hours. Consumption Insights installation is not mainframe intrusive, and it does not require mainframe configuration changes.

Rocket Consumption Insights has the following requirements:

Server platform

Linux—server or VM server
- Linux
- zLinux
- Windows Server

Server pre-requisites

The following applications are required on the Consumption Insights host machine if using the install package:
- Java 8
- Tomcat 9
- Elasticsearch 6.8.1
- Kibana 6.8.1

Elasticsearch ELK Stack

Elasticsearch is an open-source, scalable, distributed analytical search engine used by many banks and insurance companies. The Elastic Stack security features enable customers to easily secure their environment with password protection, encrypted communications, role-based access control, IP filtering, and auditing.

For the client computer

Consumption Insights was developed on technology that natively supports modern web browsers such as Chrome, Internet Explorer 11, Mozilla Firefox, Opera, etc. The following web browsers are recommended: Google Chrome Version 52.X and later.