

# Rocket® Process Insights

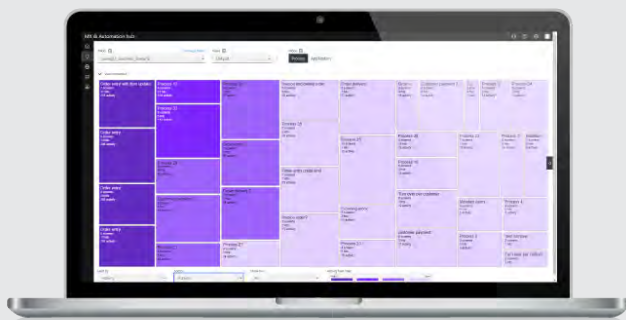
Providing deep visibility into IBM® i workflows and applications, enabling data-driven, effective modernization

To remain productive and competitive, fast-growing organizations like yours will eventually look to modernize their IBM® i applications. The initial challenge, however, is knowing where to start. Without in-depth visibility into the workflows and data processes hidden behind the green screens of your IBM i applications, you won't know how they are utilized, how they should be optimized, or where improvements in UI and automation will provide the greatest value.

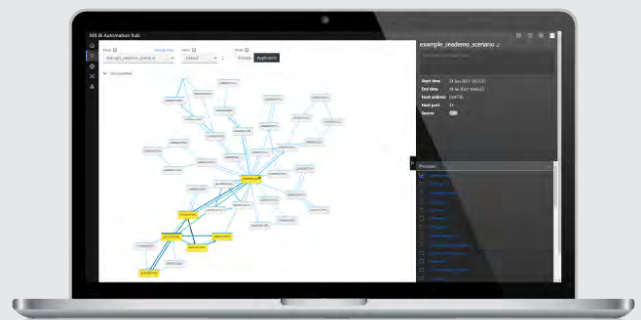
Rocket® Process Insights is a visualization solution that gives you the clarity you need to overcome this ambiguity and build traction towards full IBM i modernization and optimization. Track and analyze every data interaction or workflow utilization within every IBM i application to gain an understanding of what's mission-critical for your organization. Leverage these insights to initiate a data-driven modernization plan that will empower your IBM i investments to support the forward growth and expansion of your organization.

## Product benefits

- 1 Visualize end-to-end workflows and obtain in-depth clarity into your organization
- 2 Prioritize high-value workflows for a more strategic approach to modernization
- 3 Ensure quality user experience with modern UIs through Rocket® Modern Experience
- 4 Improve precision and retain talent with Rocket® Process Automation (IBM i Edition)



**Figure 1:** Rocket Process Insights builds a heatmap to show how your business engages with an application



**Figure 2:** Click through to see all the workflows or highlight a particular workflow and its touch points within the application





## Visualize end-to-end workflows and obtain in-depth clarity into your organization

Every successful modernization journey begins with a map. Obtain clear visibility into every green-screen data process and workflow through Rocket Process Insights. Deployment is easy and doesn't require any RPG expertise—simply let it run and collect data in the background of your day-to-day operations.

Once it has collected enough data, Rocket Process Insights will generate heatmaps that reveal commonly accessed datasets, workflows, and instances that reveal exactly how the business engages with the IBM i application, including how often a particular workflow is used or dataset is accessed. You'll be able to visually see every type of interaction with each IBM i application—so you can focus your modernization efforts where they will create the biggest impact to your business.



## Prioritize high-value IBM i workflows for a more strategic approach to modernization

Leverage heatmap data from Rocket Process Insights to align and prioritize modernization efforts across your organization. Build a strategic and data-driven modernization plan with no guesswork, prioritizing investment in high-impact workflows that have a significant bearing on the future productivity, user experience of your IBM i application to increase its value to the business.

Effectively justify your decisions and approach to top stakeholders and decision makers while eliminating wasted time and effort spent focusing on redundant or low-value areas of improvement. Make the right modernization moves the first time.



## Ensure a quality user experience with modern UIs

The visualized heatmaps from Rocket Process Insights can also provide valuable guidance on where to direct efforts to improve the user experience. Go straight into execution with your UX modernization tool like Rocket Modern Experience, which gives you the build tools you need to transform green screens into modern interfaces so your organization can remain responsive and agile to both market and customer needs.

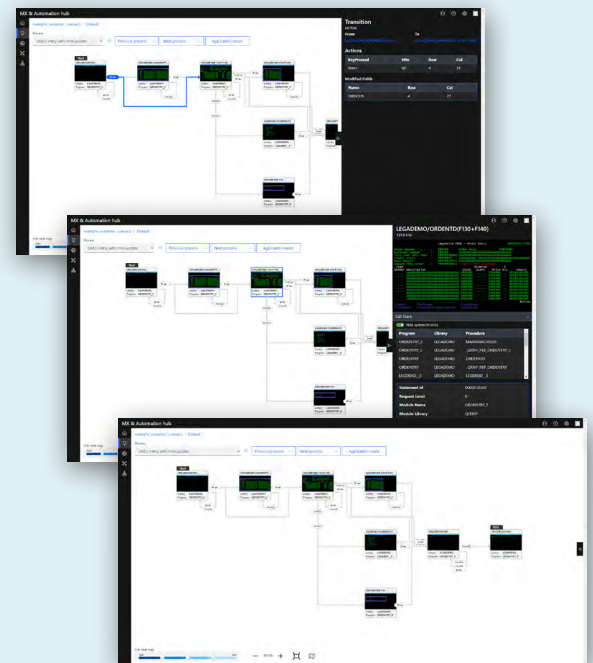
Your business teams will have the intuitive interfaces they need to do their best work and deliver excellent levels of service to your end customers. The result? Improved satisfaction scores, reduced churn, and lower retention costs—all indicators of success that will help you secure additional resources with which to accelerate modernization.



## Improve productivity and streamline workflows through automation and business integration

With the end-to-end visibility of your IBM i workflows achieved through Rocket Process Insights, your business can make the seamless implementation of RPA and APIs the cornerstone of your smart modernization efforts. Seamlessly deploy automation over your IBM i workflows using the intuitive, low-code automation tool like Rocket Process Automation (IBM i Edition), which allows you to eliminate manual and repetitive processes with ease. Or integrate your IBM i applications with the rest of the business by building APIs with tools like Rocket® Process Integration to create a more holistic business.

Enjoy the benefits of modernization, such as improved productivity and throughput. More importantly, your workers will be freed to engage in more meaningful work—allowing you not only to retain top talent but also to deepen the customer loyalty you need to drive future growth and sustainability.



**Figure 3:** Drill down even further to see a very detailed view of a process, with screenshots, and navigation throughout the application and database



# Rocket® Process Insights Privacy Information

This section contains privacy-relevant information and illustrates adopted technical safeguards to align with privacy-by-design data protection requirements, in relation to the processing of any personal data by Rocket® Process Insights. Together with Rocket's Privacy Policy, this represents our company's main statement as to any processing of Personal Data that may take place. This Privacy Information may be changed by Rocket as required from time to time.

## Rocket Process Insights Recorder and Rocket® Modern Experience (MX) & Automation hub

Product Installation location and deployment	On-premise at the customer. Rocket Process Insights is deployed and operated only by customer or customer-authorized personnel.
Processing of personal data	Rocket Process Insights records all processes in IBM i® applications for users whose engagement with the IBM i is directed first through the recorder. It analyzes the data interactions via a workflow or processes. Personal data are entirely incidental, not required, and not for technical support purposes.
Types of data subjects	Customer personnel (admin and end-users), customer's retail or end-clients.
Types of personal data	Personal data usually categorized as basic, sensitive, or a special category.
Privacy by design Technical safeguards	<p>Encryption of data at rest. Change and input logging. Access control.</p> <p><b>Before storing:</b> freely customizable masking capabilities using regular expressions to detect and substitute common patterns on the screens for place-holders. Some frequently encountered examples are provided. Customer can define or expand these according to requirements.</p> <p><b>Storage:</b> screens and user input data are encrypted in a PostgreSQL database using AES 128 encryption</p> <p>Additional on-screen whiteout or redaction functionality.</p>
Data transfers	No automatic transfers, communication, or transmission. No backdoor or hidden access. No government or other agency information obligation.
Right to information access, rectification, correction, objection, and deletion	Customer solely controls the data interactions which RPI shall record. Any recordings or logs can be deleted at the end of the recording operation. This can be done manually or automatically after a specified retention period.



# Rocket Process Insights Technical Specifications

The following sections describe the recommended system requirements for Rocket Process Insights.

## Rocket MX & Automation hub

The following table describes the recommended requirements needed to install the Rocket MX & Automation hub:

Operating System	Microsoft Windows Server 2019
Hardware	4GB (min) of memory, 12GB recommended
Software	Java 64-bit, version 11
Databases	<p>By default, PostgreSQL version 13 is installed as a database server to support a PostgreSQL database for Process Insights and a separate PostgreSQL database for the hub. Process Insights can only run with PostgreSQL databases.</p> <p>If you decide not to use a PostgreSQL database for the hub, you can configure the hub to use a database from one of the following supported database servers:</p> <ul style="list-style-type: none"><li>• Microsoft SQL Server 2019; JDBC driver: The driver version must match the JVM version in use by the MX and Automation hub.</li><li>• Oracle MySQL 8.0</li></ul> <p><b>Note:</b> Apache Tomcat is included as part of the MX and Automation hub for a Microsoft Windows installation. Set the default credentials for Apache Tomcat during the hub installation. To change the default credentials after installation, edit the XML file in conf/users-xml.</p>

## Rocket Process Insights Recorder

The following table describes the recommended requirements needed to install the Rocket Process Insights Recorder on Windows platforms:

Operating System	Microsoft Windows Server 2019
Software	Java 64-bit, version 11

The following table describes the recommended requirements needed to install Rocket Process Insights Recorder on the IBM i:

Operating System	V7R4: we recommend keeping current with IBM support level. *Physical and virtual/PaaS server environments supported
Software	IBM Java 8

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.