Rocket® LegaSuite®

Modernize mission-critical applications to transform the user experience

Thousands of organizations run mission-critical business solutions on IBM Z®, IBM® i, and HPE NonStop platforms. Though many of these solutions have been modernized at some point, keeping pace with technology is an ongoing process. Today's users expect enterprise applications to offer the same kind of browser, mobile, and tablet experiences as consumer applications.

Rocket LegaSuite makes it easy to modernize your critical business applications and avoid the time, expense, and risk associated with recoding or replacing them. Unlike other solutions, LegaSuite lets you leverage existing development without having to install or modify code. LegaSuite also automatically extracts and synchronizes all screens of a legacy application with any modern user interface, ensuring consistent and coordinated change management at all ends of the organization.

Rocket LegaSuite Web

extends modern graphical interfaces to browsers, smartphones, and tablets.

Rocket LegaSuite GUI

transforms older user interfaces and integrates with Windows clients to create modern, efficient visual experiences.

Product benefits

1 Attract and retain talent by adapting to evolving user and developer expectations

2 Drive productivity from your core applications

3 Increase the value of mission-critical applications across the organization

Attract and retain talent by adapting to evolving user and developer expectations

Today's businesses are expected to deliver the types of user interfaces and experiences seen in the consumer world. Customers and employees alike want modern UIs that are both visually compelling and intuitive, and they also expect the same UI to follow them on their favorite mobile devices.

Rocket LegaSuite Web makes it easy to design a UI that aligns with your users' expectations, with UI templates similar to those seen in the consumer world today (e.g. Material Design).

LegaSuite Web employs HTML5 to extend your screen-based applications to run on any device, including PCs, tablets, and smartphones. Modern UIs are written once and can be deployed on any web or mobile platform that customers or employees prefer. For enhanced web functionality, use Rocket® API alongside Rocket LegaSuite Web to leverage additional data sources or orchestrate multiple screens into an optimized workflow that creates a richer, more effective user experience.

> **//** Not only have new employees reduced their training time by more than a week, but our claims adjusters continue to provide positive feedback about [Rocket LegaSuite]. Everything is so perfectly organized, you don't really have to hunt to find the information you need. In fact, instead of having to use all the function keys, you just double click. **//**

Chris Smith
Information Technology Director,
CISM, Safety Insurance

Drive user and developer productivity from your host applications

Confusing, unintuitive UIs and workflows can mean the difference between satisfied customers and an NPS score you want to sweep under the rug.

LegaSuite Web allows for customized placement of specific fields and widgets and optimization of the application's existing workflows. The solution also offers wizards and templates that guide you through building an effective UI. Or, you can leverage Rocket LegaSuite's dynamic UI templates or custom appearances to quickly deliver an enhanced modernization solution right out of the box.

In addition to out-of-the-box templates and easy-to-use customizations, Rocket LegaSuite empowers developers to centrally manage all LegaSuite Web and Rocket API deployments across their environment. You can cut down on the time it takes to roll out applications, make changes to licensing and more, ultimately improving productivity and satisfaction.

Increase the value of mission-critical applications across the organization

New business requirements to support web and mobile are exposing the limitations of older enterprise applications that rely on rigid screen-based applications. The inability to extend these applications to new systems of engagement can negatively impact sales of new products, customer service and productivity, forcing organizations to recode or replace them at significant cost and risk.

Rocket LegaSuite makes it easy to modernize your critical business applications without the time, risk, and expense of recoding or replacing them. Succeed knowing the substantial investments and customizations these applications receive over time will continue to benefit your organization for years to come.

Figure 1

The Rocket LegaSuite Web and GUI Workbench lets users build optimized workflows that connect complex green screens to a web- or GUI-based interface.

The LegaSuite Workbench helps developers connect fields in green screens to modernized user interfaces. The drag-and-drop environment places these fields in any position on the modernized UI for ease of use and efficiency. The result is faster time to deployment of modernized screens, with complete control over their look and feel.

LegaSuite Web, working in conjunction with Rocket API, provides an easy way to connect multiple enterprise application workflows to a single modernized user interface of your choice.
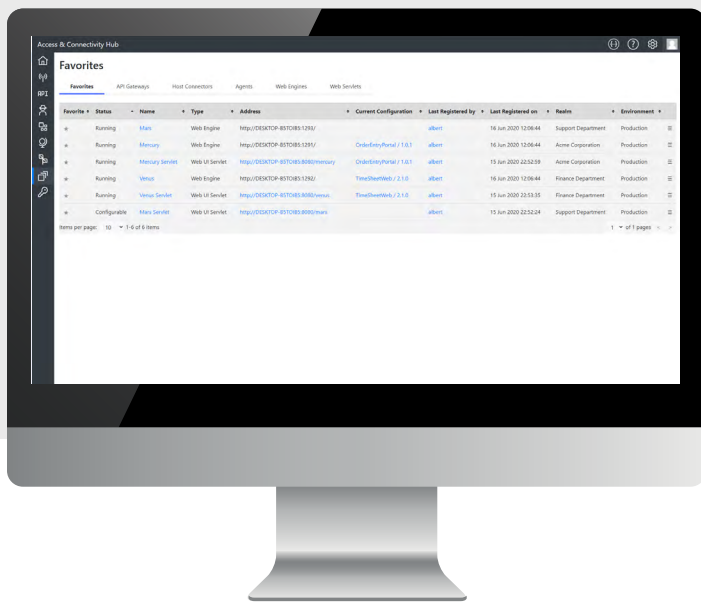
Figure 2
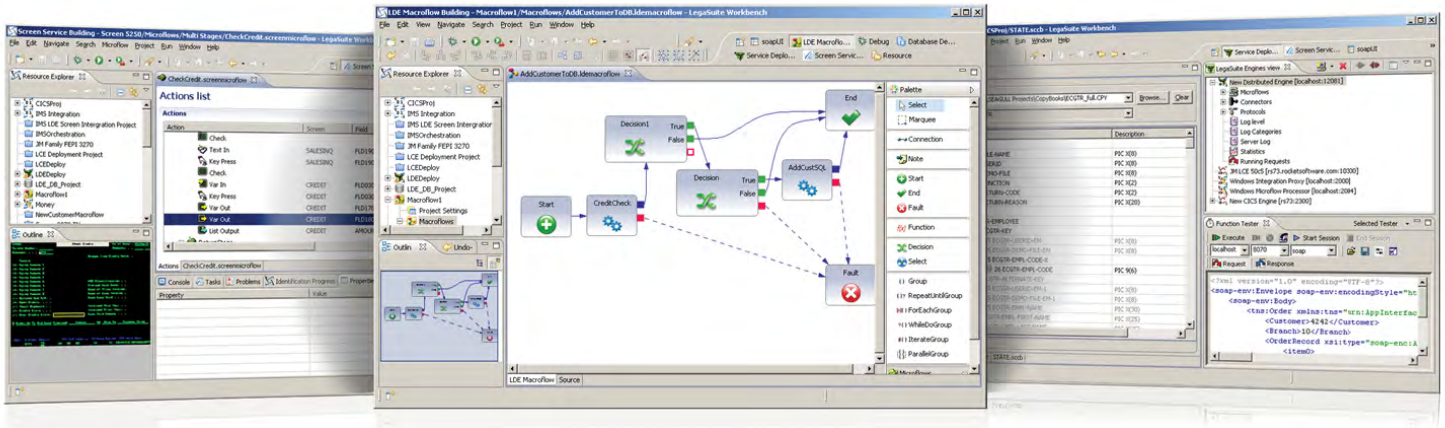
LegaSuite Web, working in conjunction with Rocket API, lets you easily manage connections between multiple enterprise applications and modernized user interfaces.
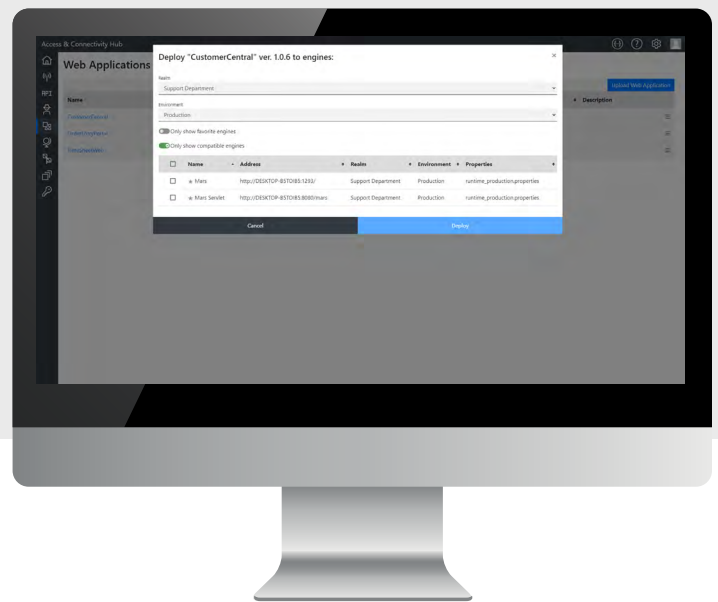
By using the Rocket Access and Connectivity Hub for deployment management, Rocket API and Rocket LegaSuite customers see improvements in productivity, process management, and automation.

Figure 3

The Rocket LegaSuite Access & Connectivity Hub allows you to manage your LegaSuite instances.

Figure 4

The Hub allows you to centrally deploy updates across your entire environment in one click.

Technical specifications and system requirements

Rocket LegaSuite Workbench system requirement

- Operating system:
    - Microsoft Windows 10
    - LegaSuite Workbench includes Eclipse 4.6.3 and Java 1.8.0_201

Rocket LegaSuite Web Engine:

Windows version

- Operating system:
    - Windows 2016 Server System

Rocket LegaSuite Engine (Web or GUI):

IBM i version

IBM PASE for i
- Operating system:
    - V7R4 and later for IBM PASE for i, we recommend keeping current with IBM's support level

Unix/Linux version

- Operating system:
    - AIX 7.2-TL3-SP0
    - Red Hat Enterprise Linux for Power LE 8.0
    - Red Hat Enterprise Linux for x86_64 8.0
    - Red Hat 8.0 Linux zSeries

Screen protocols

- IBM® i
    - 5250
- IBM Z®
    - 3270
- ICL Mainframe
    - 7561-IRSIS
    - ICL-Forms
    - DFP
- MultiValue
    - VT (vt100)
    - ADDS Viewpoint
- Unix/Linux, Open VMS, DEC VAX
    - VT(vt52, vt100, vt101, vt102, vt220, vt320, vt420, vt500)
    - Wyse (Wyse50/Wyse60)
    - Prism
    - ADDS Viewpoint
    - Qume QVT
    - Televideo TVI
    - Prime
    - Siemens 97801
- HPE/Tandem NonStop
    - 6530

Access and Connectivity Hub

- Microsoft Windows Server
- Software: Java 64-bit
- Databases
    - IBM Db2 for Microsoft Windows/Linux
    - Microsoft SQL Server
    - Oracle MySQL

Security

- 1.0.2t, includes TLS 1.2 support encryption
- AES 256-bit
- AESBC
- Base-64
- Blowfish (custom)
- DES
- FIPS 140-2
- RSA public key up to 1024 bit

PKI certificate support

- SSL certificate authentication (X,509)

IBM single-sign on encryption

- DES
- Kerberos

Additional security

- SHA-1
- SSH-1
- SSH-2

LegaSuite Web only

Accessing LegaSuite Web solutions

- Web browsers: LegaSuite Web end users may access web solutions on the following browsers:
    - Google Chrome (64-bit)
    - Microsoft Edge
    - Mozilla Firefox

We recommend using the latest general release version.

Web Desktop Client

- Operating system:
    - Microsoft Windows 10
    - .NET Framework 4.6.1

Servlet

- Apache Tomcat 9.0
- Integrated Web Application Server for IBM i 8.5 (IBM JVM8)
- Software: Java 64-bit

LegaSuite GUI only

Accessing LegaSuite GUI solutions

- Desktop/laptop:
    - Microsoft Windows 10
    - Apple macOS with Java
    - Linux distributions with Java
- Java clients running on Rocket Open Web Launch (OWL) are supported on:
    - Microsoft Windows
    - macOS
    - Linux desktops that support a Java Runtime Environment

GUI clients

- Software:
    - Java 11 for Rocket Open Web Launch (OWL)
    - Java 8 for Java Web Start deployment

- Embedded ActiveX clients in browsers are only supported in Microsoft Internet Explorer
- Non-embedded Windows clients started in browsers are supported by the following browsers (without ActiveXsupport):
    - Google Chrome
    - Microsoft Edge Chromium
    - Mozilla Firefox
    - Opera