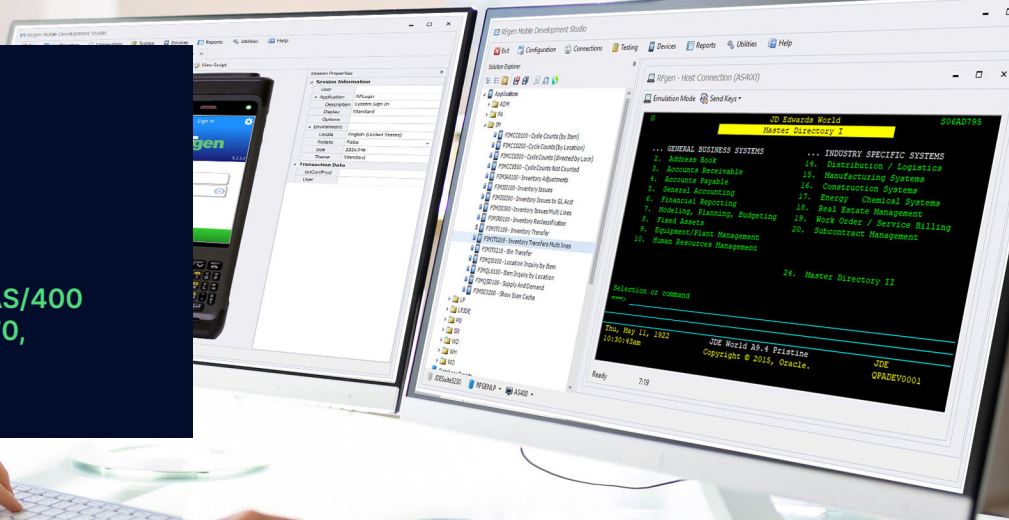


RFgen

Screen Mapping

Easily connect to legacy IBM, Unix, and AS/400 systems, including emulations for TN3270, TN5250, and VT220 terminals.



What is RFgen Screen Mapping?

RFgen Screen Mapping enables third-party products to interact with host applications running on IBM mainframes, AS/400 Servers, Unix Hosts, and other legacy character-based systems. Gain all of the basic functionality you would expect plus the ability to modify data collection processes to suit exact needs without modifying the host system. Using RFgen, developers can combine multiple host screens, access live database information, automatically navigate between host menus and screens, and much more.

KEY ADVANTAGES:

Built-in Data Validation

Advanced database validation and error checking without additional programming.

Simultaneous System Connectivity

Update multiple hosts and databases simultaneously within a single transaction.

Continuous Data Collection, 24/7

Continue collecting data even while the host system is down for maintenance or backup.

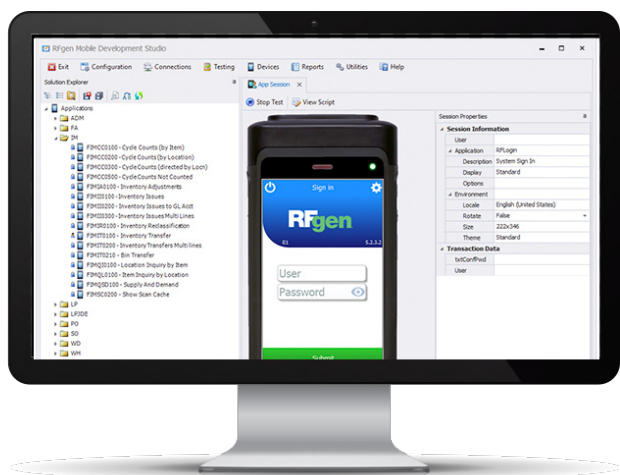
How Does Screen Mapping Work?

RFgen Screen Mapping applications are developed through an intuitive macro recording process that generates short scripts. Using language extensions built into the RFgen environment, these scripts can send and receive text, process keystrokes, combine fields from multiple host screens, and perform the same actions as an online user. Mundane tasks can be easily automated as well, including user login/logout, screen-to-screen navigation, and session error recovery. Using RFgen, devices can connect directly to the host system with an individual session or share host sessions from a managed pool of open connections. RFgen Screen Mapping connections are designed to minimize their effects on the host server's load and network infrastructure.

Three Levels of Integration

RFgen Screen Mapping provides three levels of integration capability for the developer:

- ▶ **Basic/Traditional Screen Mapping**
Developers gain complete control over all aspects of the host session. However, all interaction is manually written, controlled, and maintained by the developer.
- ▶ **Simplified Screen Mapping**
This more advanced "Systems" approach to Screen Mapping provides built-in capabilities to record how to navigate between host menus and screens, as well as how to update and retrieve information from the host screens.
- ▶ **Embedded Screen Mapping**
This method builds upon Simplified Screen Mapping by allowing screen fields to be embedded directly into RFgen forms. Developers can create applications that will interact with the host in real time or offline without any programming.



Why Use RFgen Screen Mapping?

Data collection holds very little value unless it communicates in real-time with existing business systems. Creating a seamless, scalable, reliable connection between new ADC applications and core software systems is vitally important to the business as a whole. Supporting older systems can be problematic as technology standards continue to evolve.

RFgen Screen Mapping enhances continuity between data systems by equipping legacy software with modern data collection capabilities. Why waste time and money on legacy data collection when implementing a flexible solution with built-in best practices delivers superior performance and reliability, and significantly lower total cost of ownership (TCO).

RFgen Software Your Total Solution Provider

Software. Hardware. Services. Expertise.

Since 1983, RFgen has helped organizations reduce supply chain costs through increased accuracy and efficiency with the most reliable and flexible mobile barcoding solutions in the industry. Our global network offers worldwide support for complete end-to-end visibility through data collection. RFgen provides robust mobile software and hardware, as well as guidance and expertise based on decades of experience and best practices.

RFgen is Already Used Worldwide For:

- ▷ Warehouse and Distribution Centers
- ▷ Manufacturing and Production
- ▷ MRO and Asset Management
- ▷ Field Service and Delivery



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Supported Technologies

Data Collection

- ▷ Barcode Scanners
- ▷ Mobile Computers
- ▷ Tablets and Smartphones
- ▷ Vehicle Mount Computers
- ▷ RFID
- ▷ IoT & IIoT Devices
- ▷ Carousels, Conveyors, Scales
- ▷ Helper Bots, Drones and LGVs
- ▷ Voice Recognition

Legacy Connectivity

- ▷ COM Interop
- ▷ Databases
- ▷ IBM AS/400
- ▷ IBM Mainframes
- ▷ NET Assemblies
- ▷ UNIX Systems
- ▷ Web Service



Click or scan the QR code to schedule time with an RFgen expert to learn what mobile barcoding can do for you.