![Rocket logo]
Rocket
LEGACY POWERS LEGENDARY

Rocket® Uniface core technology

10 benefits of using Rocket® Uniface

Productivity
Achieve more with less using one of the most productive enterprise application development platforms in the industry

Reliability
Globally, businesses trust the proven reliability and performance of Rocket® Uniface for their mission-critical applications

Security
Safeguard mission-critical applications from the outset with Rocket® Uniface's unique deployment architecture

Integration and reuse
Reduce costs by reusing existing assets in new or modernized applications with Rocket® Uniface integration

Scalability
Grow your application with Rocket® Uniface's proven scalability capabilities, trusted by enterprises across the globe

Agility
Respond to market trends by developing and deploying high-performing applications in record time with Rocket® Uniface's efficient low-code methodology

Sustainability
Rocket® Uniface apps are always upward compatible; that means moves to new technologies happen with minimal overhead or rework

Technology independence
Develop applications that work on all hardware platforms and operating environments with Rocket® Uniface platform independence

Community
A rich, active user community and a team of professional services experts offer experience, best practices, and proven methodologies

Partner program
Reach business goals with this program, which drives a shared approach to business success

Rocket® Uniface core technology

The core technology powering your application

The application that you are currently using, or that you are considering is created using Rocket® Uniface Application Development Platform - a development and deployment software product powering applications all over the globe.

Rocket® Uniface enterprises include some of the biggest companies in the world, supporting thousands of applications and millions of users. Implementations range from a real-time ERP system for a leading manufacturer of robotics to point-of-sale retail applications for numerous well-known retailers, and everything in between. All Rocket® Uniface applications have one thing in common: They are mission-critical applications that are core to business success around the world.

Technical details

Rocket® Uniface development: Rocket® Uniface development is carried out using the Integrated Development Environment, which is based in Microsoft Windows. The SQLite® database is included, although developers have the same choices of development databases as they have for deployment (see below).

▲ Development methodologies:
Developers have the freedom to follow the development methodology that suits their own needs. Rocket® Software uses the agile development methodology to build and maintain the Rocket® Uniface product.

▲ Uniface deployment:
Uniface deployment: Rocket® Uniface has its own deployment (or runtime) environment that executes the Rocket® Uniface application logic, manages database access and application partitioning. It is the deployment environment that gives Rocket® Uniface its technology independence.

▲ Underlying technology:
The deployment environment of Rocket® Uniface is built primarily in C++, although some parts of the web deployment are built using Java and JavaScript.

▲ Technology independence:
The deployment environment is compatible with a many platforms, including Microsoft Windows , Linux, proprietary UNIX and IBM iSeries.

▲ Database communication management:
Rocket® Uniface also features database drivers that connect to various data sources. These drivers are built to maximize the benefits of the deployment database so that application developers do not have to be concerned about the deployment database while they are developing Uniface applications. The Rocket® Uniface deployment environment can manage all of the Rocket® Uniface-to-database communications.

▲ The cloud:
The technology independence of Rocket® Uniface includes application deployment on the cloud. Cloud providers offer hosted versions of operating systems such as Windows or Linux, as well as databases such as Oracle, Microsoft MS SQL Server, or MySQL. Rocket® Uniface supports these technologies wherever they are available.
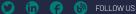
Millions of end users around the world rely daily on Rocket® Uniface applications for implementations such as:

1 A point-of-sale application for the largest independent telecommunications retailer in Europe

2 Mission-critical applications that run one of Latin America's largest companies

3 Payroll applications that pay hundreds of thousands of employees around the world

4 Applications at educational institutions around the world that manage millions of student records

▲ **Integration:**

In line with market trends, application integration is carried out using web services. Rocket® Uniface provides web services integration, enabling applications built in Uniface to integrate as both a consumer and a provider of web services. In addition to web services, Rocket® Uniface offers a host of other options to integrate applications, at all tiers of a deployed application. These include:

Client tier:
JavaScript, OLE, file exchange, etc.

Application tier:
Technical 3GL using technologies such as C++ or COBOL

Data tier:
Stored procedures, SQL, etc.

▲ **Security:**

Application security is crucial, and with Rocket® Uniface applications being used for business data, security is taken very seriously. As vendors such as Oracle or Microsoft release security updates for their technologies, it is ensured that Uniface is certified for them.

A third-party specialist company is also engaged to test the Rocket® Uniface web deployment components to ensure that Rocket® Uniface is independently audited.

Rocket® Uniface support

Rocket® Uniface partners have access to a global support network to ensure their applications are both successfully deployed and well supported in production:

✓ Education services to enable customers to be successful

✓ A partner program dedicated to supporting our collaborators

✓ Access to the global user community

Summary

Applications built in Rocket® Uniface are:

• **Built using proven technology;** Rocket® Uniface has a history of providing support for new technologies

• **Supported through a global network** to ensure successful deployment and ongoing success in production

About Rocket® Uniface

Rocket® Uniface, the most productive, reliable development tool in the industry, provides a model-driven environment for the rapid development of scalable-enterprise mission-critical applications. Learn more at www.rocketsoftware.com.