



Rocket® Uniface Feature Release Matrix



Welcome to your comprehensive guide to the evolution of Rocket Uniface's low-code application development platform since introducing 10.3. This matrix will provide you with a clear understanding of how Rocket Uniface has grown and adapted to meet your needs. Utilizing the latest release of Rocket® Uniface ensures your applications remain secure, performant, and compatible with evolving technology standards.

Here's why upgrading is essential:



Security, Stability, and Performance

Each release includes critical security patches and bug fixes that protect your applications and prevent system failures. New versions introduce faster execution speeds, optimized memory usage, and improved UI responsiveness, ensuring a smoother user experience.



Compatibility and Futureproofing

Legacy versions may not support new OS updates, databases, or third-party integrations, which can cause compatibility issues and increased maintenance costs.



New Features and Functionality:

Upgrading gives you access to new development tools, enhanced scripting capabilities, and modern integrations that improve productivity and maintainability.



Dedicated Support and Compliance

Staying on an active maintenance plan means access to expert technical support, compliance updates, and best practices for long-term application sustainability.

If you're not on the latest Uniface 10.4.03, look through the matrix below to learn about the features you're missing out on. **Now is the time to upgrade.** If you are no longer on Maintenance & Support, let's discuss how you can rejoin and unlock these benefits!

Feature	Description	10.3.01	10.3.02	10.4.01	10.4.02	10.4.03
Uniface UX, our out-of-the-box design system	Our out-of-the-box design system brings a consistent look and feel to your applications, ensuring a seamless and professional user experience. Based on Microsoft's fluent web components, Uniface UX provides pre-designed styling and functionality that can be used in developing your application, without the need for additional coding. Learn more in Uniface eLearning. Search Uniface UX .					●
Create your own widgets with UX Interface	UX Interface allows for the creation of new and extendable widgets, offering creative control over the application's look and feel, including data visualization, UX interactions, and screen layout. By moving User Experience logic out of the components and into the widgets, UX Interface also simplifies the creation of your application components — ensuring cleaner code and applications that are easy to maintain. Learn more in Uniface eLearning. Search UX Interface .					●
Application Certification safeguards	Certify Uniface applications with public/private key pairs, protecting them from unauthorized tampering. For more information, see Certifying Uniface Applications .					●
C Callout now supports 64-bit numeric values	Support for 64bit parameters and return values when calling C routines. Learn more: Define Operation Parameters in a Signature and C Implementation Data Types Properties .					●
Support for non-Gregorian calendars	Support for non-Gregorian calendars, such as Arabic, Persian, etc. Learn more: \$NLS_DISABLE_NON_GREGORIAN_CALENDAR .					●
Uniface Docker Image	Base images for Uniface servers supplied on Docker Hub. Learn more: Uniface Server Docker Image .				●	●
Compile Global ProcScripts as no-debug	Protect intellectual property and increase security by also compiling Global ProcScripts as non-debug. Learn more: Compilation .				●	●
Sentinel Cloud License Manager	Cloud-based service available for concurrent licensing. Learn more: Cloud License Manager (LM) Entitlement .				●	●
USTRUCT Helper Libraries	Helper libraries simplify the use of the Struct data type. Learn more: Transforming Complex Data Using Structs .				●	●
USYSHTTP Component API	Centralize the handling of incoming HTTP requests for security and other global routines. Learn more: USYSHTTP .				●	●
Exception Handling	Simplified error checking and increased code maintainability/readability by using exceptions. Learn more in Uniface eLearning. Search Exception Handling .				●	●
Sentinel License Manager	Uniface licensing moved to Sentinel RMS to allow licenses to be retrieved from the cloud, as well as local files for Standalone and Network deployment models. Sentinel Rights Management System (RMS) License Manager serves Network/concurrent users and is available for Windows, Linux and Unix platforms. Learn more: Use your Sentinel License .			●	●	●
Navigate to ProcScript	Navigate to the ProcScript modules of a field, entity, component, or print frame by double-clicking its frame in the canvas of the Define Frames worksheet or choosing Write Script from the object's context menu. Learn more: Navigate to ProcScript modules .		●	●	●	●
Smart Suggestions in the Component Editor	Uniface gives entity, field or label name suggestions when editing names in the component editor. For more information, see Rename a Development Object and Define Labels and Text in Forms and Reports .		●	●	●	●
User-Defined Menus and Worksheets	Integrate your own development-related functionality into the Uniface IDE by means of menu and worksheet plug-in components. For more information, see IDE API Operations , as well as an eLearning course .	●	●	●	●	●
Integrated Form Layout Editor	Integrated Form Layout editor for Forms and Reports. Learn more: Define the Structure and Layout of Forms and Reports .	●	●	●	●	●
Encrypted Network Communications	Encrypt network traffic and protect user data with TLS network communications. Learn more: Network Support, TLS Connector, and Digital Certificates .	●	●	●	●	●
Enhanced Asynchronous Communications	Support for TCP IPv6 and TLS for asynchronous API communications. Learn more: upostmes and Message API Utility .	●	●	●	●	●
SQL Script Generation	Command line option /genSql for creation of database scripts. Learn more: /genSql .	●	●	●	●	●
Load Definitions	Generate modeled entities based on existing database definitions. Learn more: Load Definitions Facility .	●	●	●	●	●

● Feature available in this version.



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