

“Application Development for the Cloud”



Statement of Direction

August 2010



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Uniface Statement of Direction

The success of Uniface continues

Based on a financially healthy business model, Uniface continues to be the strategic development environment of choice for many Compuware customers. Uniface is one of the largest client-server products of Compuware and is an important asset to the overall Compuware business.

Throughout its 25-year lifetime, Uniface has added tremendous value to customers in areas such as advanced software development and unparalleled support for mission-critical business applications. The traditional benefits offered by Uniface: (1) **Technology Independence**, (2) productive **Rapid Application Development** and (3) **guaranteed Upwards Compatibility** are the principle reasons for customers to continue to investment in Uniface.

Through the past years, these strengths have been amplified as the functionality of Uniface has grown in-line with customer and market demands. Uniface continues to adopt new innovations in its product portfolio. In recent versions, Uniface implemented support for Mobile devices, SOA and Web Services, Unicode and recently also support for development and deployment of Rich Internet Applications.

Uniface provides an application architecture capable of adapting to constant industry changes, both in technology infrastructure and business requirements. It is for that reason Uniface has a large and loyal customer base of 3,000 enterprise customers, which often develop their most critical IT systems in Uniface.



A high level historic overview of an evolving Uniface

Uniface Customers

Typically, Uniface customers have developed their largest and most business critical applications in Uniface. These applications are characterized by a large number of end-users, 10,000's of data entities and programs and very often international, multi-lingual deployment. Another common phenomenon in the Uniface community is the long-lasting application life cycle: it is not uncommon that Uniface applications have a life cycle of 15 years or more. This is of course due to the excellent Technology Independence and Upwards Compatibility features of the Uniface software.

Among the largest Uniface users are companies such as:

- AEGON
- Airbus
- Banco do Brasil
- Barclays
- BMW
- Carphone Warehouse
- DHL
- FedEx
- France Telecom
- Ford Motor Company
- Fuji Photo Film
- Harbor of Rotterdam
- IATA
- IMF
- Kelly Services
- KLM
- New Zealand Telecom
- PSA
- SNCF
- Telmex
- TNT Post

There are also approximately 250 independent software vendors which developed a large number of commercial applications with Uniface through the years. These independent software vendors, also called "Value Added Resellers" (VAR's), make their solutions available to end-users and third parties. In total about 400 Uniface VAR solutions are available on the market, in total representing more than 50% of the overall Uniface business. A few examples of well known Uniface VAR's are Midland Software, Tribal, JDA, Red Prairie, NTT Data, Aurion, Logica CMG, Centric, Infomark, AKDB and many more...

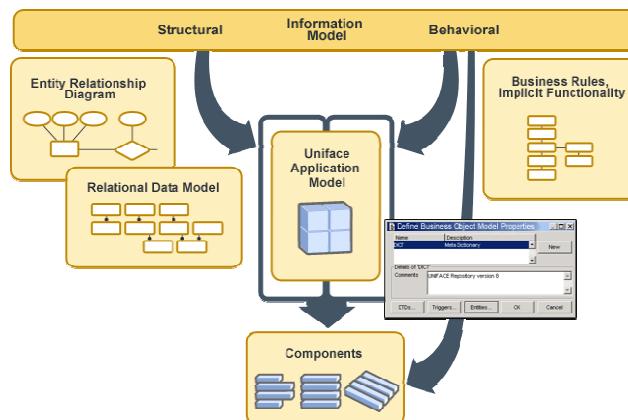
Uniface: Rapid Application Development

Uniface is Compuware's development environment for building, renewing and integrating the largest and most complex enterprise applications. Offering high developer productivity and leading-edge functionality, Uniface helps IT organizations reduce the cost of ownership for their most business-critical applications.

Uniface delivers an enterprise capable solution. It provides Rapid Application Development, Enterprise Application Integration with existing strategic IT assets, Business Process Management and automatic deployment in a multi-technology environment. The three main reasons why Uniface became so successful in the Rapid Application Development market are:

- Uniface offers the highest productivity in the development market, which makes development and maintainability of business applications extremely cost-effective and efficient. Please review the [Uniface Productivity Study](#) at our [uniface.info](#) community website for more details.
- Uniface offers full Technology Independence over a wide range of Operating Systems, Databases and 3rd party technologies. Customers can migrate from one environment to another, without changing the Uniface applications itself, which makes Uniface a very resilient and future proof solution.
- Uniface has always and will always guarantee Upwards Compatibility, which means that customers can move their Uniface applications to higher levels of technology without major investments in re-development. Uniface has never, ever forced customer to go through a technology-break in the Uniface software.

Uniface provides and will provide first-class support to Uniface customers now and in the long term future. The high quality customer support provided by our Technical Support Centers is continually enhanced through internal training and education programs. Details of the support service offered to our customers, including service levels, are published on our [Frontline](#) website as well as on the [Uniface community](#) website.

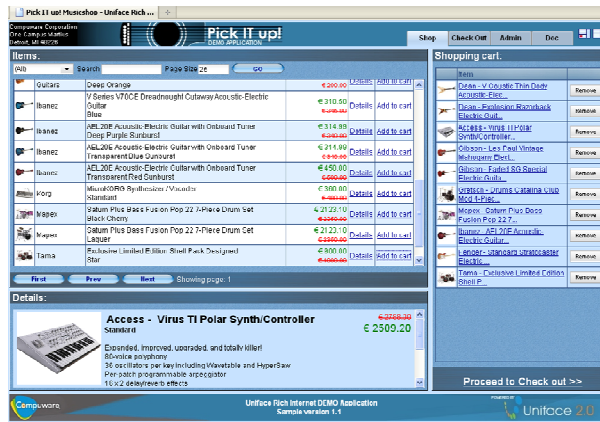


Overview of the Uniface development process

Uniface Future Strategy

The traditional strengths of Uniface will continue to be improved and expanded; Compuware is committed to continue to further evolve and invest in Uniface, to ensure that it remains a world-class development product. The current version of Uniface is version 9.4, which was released in March 2010. The next planned version is Uniface 9.5 which is planned for March 2011. The next major release will be **Uniface version 10**, planned for early 2012.

Uniface 9.4 is the first version of Uniface which will give developers the opportunity to develop Rich Internet Applications in Uniface. This functionality is based on AJAX technology and continues the Uniface ethos by hiding the technical complexity involved with the development of such RIA applications. This will enable customers to deploy desktop like applications over the Web using a comprehensive and feature rich user interface. This release delivers the first stage of our Development Strategy for Cloud Computing. With Uniface 9.4 developers can develop better Uniface applications for the Cloud, more faster.



A screenshot of the new Uniface Web 2.0 look and feel

Customer feedback and input have always been and will always be important to us. Especially for future releases of Uniface, we will continue to listen to our users and guarantee that every version of Uniface contains functionality and content which is driven by the worldwide Uniface User Community.

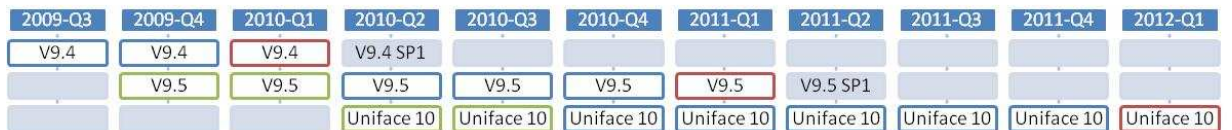
Uniface 9.5, planned for release in March 2011 will be focused on implementing a large number of long standing user wishes in the areas of look and feel, Windows UI, developer usability, productivity, performance and scalability.

An also important part of the new Uniface 9.5 functionality will be the improvement of Uniface support for complex Web Services, a popular request from many customers who would like to integrate Uniface services with other applications.

Compuware will also continue its aggressive currency policy, providing support for new versions of databases, operating systems and hardware, as they are released from the relevant manufacturers. This will be reflected in all future releases of Uniface. At the same time we will preserve support for important deployment architectures customers are using today (e.g. Character Mode and Windows), in order to guarantee the business continuity of strategic applications.

Uniface 10 will be the next major version of Uniface, currently planned for March 2012. Though it is difficult to exactly list each and every feature that will be implemented in Uniface 10, the vision and strategic direction of this major release will be further development of Uniface for Web 2.0, SaaS and Cloud computing. From that perspective we are currently looking at the possible implementation of the following two themes:

- The development of a new “Uniface Developer Workbench” (currently aka IDF); the objective is to create a new, modern development experience with improved usability and productivity for our Uniface customers.
- Specific facilities for Cloud Computing such as scalability improvements and performance measurement.
- Further enhancement of Uniface in Rich Internet (Web 2.0) and for deployment in SaaS and APaaS (Application Platform as a Suite) technology platforms.



Uniface 3yr roadmap 2009 - 2012

Useful Information and Links

The global Uniface user community is well organized in several local user groups as well as a few global initiatives. Examples of local user groups are: "NAUUG" in North America, CBG in Germany and "Face 2 Face" in the Netherlands. These user groups meet regularly, often multiple times per year. Uniface staff always participates in and contribute to these events too.



Uniface Community Website

Web based user communities are a popular mechanism for businesses, technical professionals and hobbyists to interact with each other. One of the most popular on-line communities is www.uniface.info, the global Uniface user community.

Important on the Uniface user community is the wish list forum which is the official way to log your wishes, vote on other people's wishes and engage with Compuware staff or other Uniface users.

Appendix:

Below a list of useful other websites related to the online Uniface user community:

Official Uniface user community: <http://www.uniface.info>
Uniface SME YouTube Channel: <http://www.youtube.com/unifacesme>
Uniface on twitter <http://twitter.com/uniface>
Uniface news group: <http://groups.google.com.br/group/comp.soft-sys.ap>
North American User Group: <http://www.uug.org/optimalview/wrd/run/portal.show>
CBG German User Group: <http://www.c-b-g.org/>
Face to face (Dutch User Group): <http://www.uniface.nl/>
Linked In Group Uniface: <http://www.linkedin.com/e/gis/27408/45DBE05E7310>
HEBBIZZ: <http://www.hebbizz.nl/home.php>
More Uniface Links: www.uniface.startpagina.nl
T.U.R.F. Forum - Independent Uniface forum: <http://hosted.byjones.co.uk/turf/>
The Uniface Blog (TUB): <http://hosted.byjones.net/turfblog/>
Tony Marston's Uniface pages: <http://www.tonymarston.net/uniface/index.html>
Uli Merkel Uniface website: <http://www.uli-merkel.de/>
Uniface @ Frappr: <http://www.frappr.com/unifaceworld>
Uniface APS Spotlights: <http://tinyurl.com/4va2un>
Uniface on Facebook: <http://www.facebook.com/group.php?gid=>
Uniface on Orkut: <http://www.orkut.com/Community.aspx?cmm=741490>
Uniface-Dev: <http://www.uniface-dev.com>
Professional Uniface Users Universe: <http://www.puuu.org>