



# webgate400

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## RELEASE 8

Modernize your RPG application and make it Windows and Internet native on the IBM Power System platform

# WEBGATE400

- Do you want to give a new life to your RPG programs and enrich them with innovative features?
- Would you like to be able to improve users' daily activities and increase your business productivity?
- What if you could use your programs while on the move?





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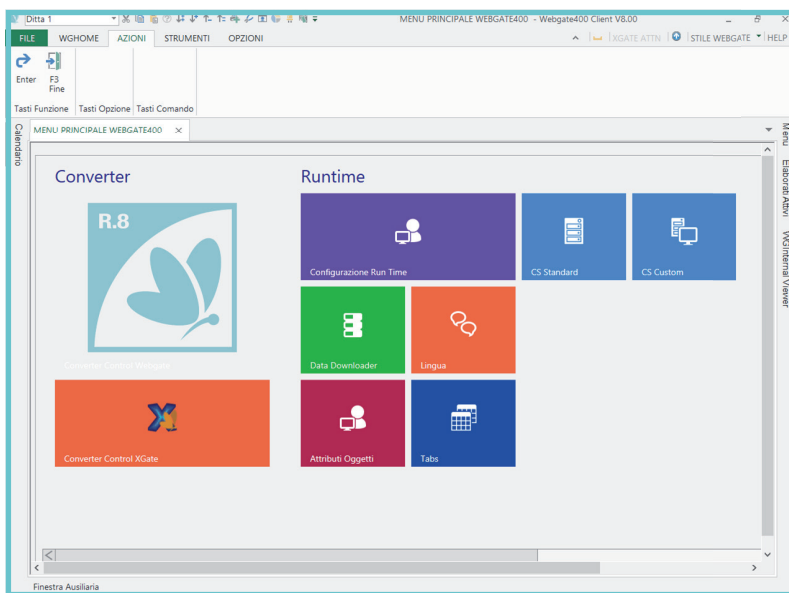
## MUCH MORE THAN A BEAUTIFUL COVER

With **Webgate400** all this is possible! All without having to rewrite your programs, nor abandon the IBM Power System platform! **Webgate400**, infact, is the innovative development system that modernizes your RPG software applications and makes them

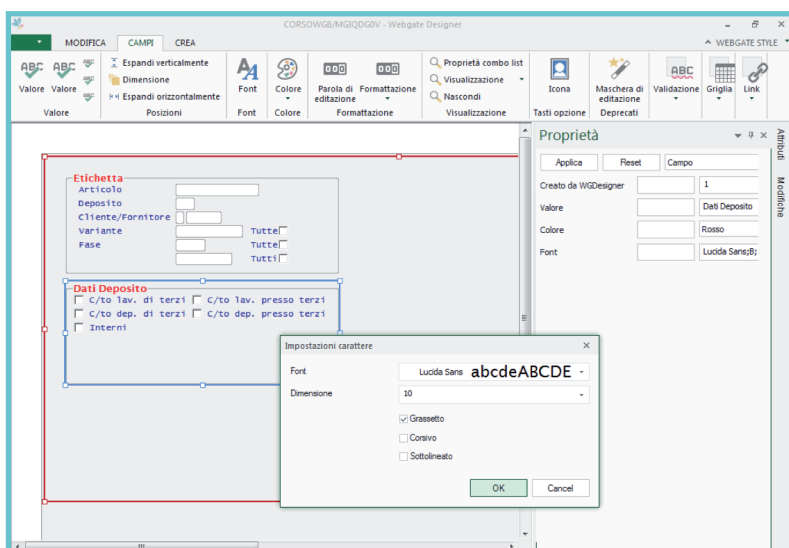
Windows and Internet native, giving renewed value to your previous investments. Thanks to the high-tech functionalities of **Webgate400**, users can use the ERP in a more intuitive, practical and productive way, the information will be truly at your fingertips both in the office and on the move, any customizations and new developments can be achieved with minimal effort, the IBM Power System platform will continue to ensure stability and security of the data.

The graphical interface of **Webgate400**, is managed by a flat-style client Windows and VeriSign compatible, which installs and updates automatically. The client can be launched in APP mode under Microsoft Windows environment and supports ActiveX technology to be run within a browser or in an external application. There is also a "light" version compatible with different operating systems.

**Webgate400**, that brings together innovation, customization and simplicity, also comes with a suite under continuing development that includes valuable tools for document management, deferred document acquisition, digital signature, substitutive storage, data analysis, generation of graphic prints, translation management, and much more. Moreover, thanks to Crossgate, you can modernize business applications written in COBOL400 or which sources you are not in possession of.



Webgate400 main menu



Webgate Designer, to draw the "perfect window" with just a few clicks



### INNOVATION GETS SIMPLE...

Modernizing your software application starts with a simple basic conversion of programs and related display files, so that they will be available both in environment 5250 and in **Webgate400** environment: so you will have a single object, a single source and especially a single maintenance! Implementations useful to graphic version are made directly in the sources - in hidden fields or comment lines - and they no longer have to be taken in case of changes.

### ... CUSTOMIZABLE ...

The Revolution! After the phase of modernization of **Webgate400** all the screens of your software application will become extremely customizable without having to make changes to the programs!

On every video panel is infact possible to hide and protect fields, display hidden fields with a special label, set default values, force values, disable function keys, as well as increase and / or decrease values available on a field.

Customizations, which can be applied for Company, Language, Group of Users or Single User, are an integral part of your new applications, thus minimizing the specialization through new code.

Thanks to the innovative Webgate Designer (WYSIWYG) you can design the perfect screen easily and fast! It is in fact possible to change the arrangement of the fields with a simple drag and drop, as well as create new ones without using the SDA, thus exceeding the limit of 132 columns and 127 rows.

Just as easily, you can: insert in new fields and columns the result of SQL statements, mathematical formulas and references to other programs; display icons indicating a state, images and hyperlinks; make hierarchies, filters, etc. The introduction of application controls is made extremely simple by the use of exit programs, that allow you to check the contents of the fields, with the emission of blocking or not blocking messages, modify data in the same screen and / or on the database and run customized programs.

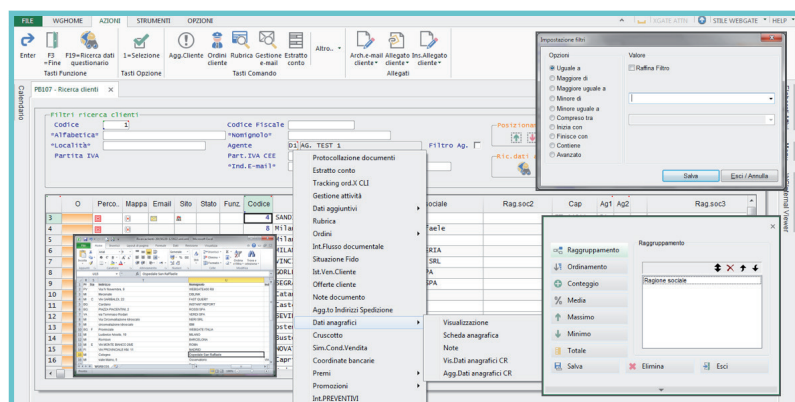
Equally customizable is the layout of the screens on the screen: thanks to the Multi Template Interface each user can open multiple screens simultaneously in an organized way and, if desired, synchronize them one another.

Practical tabs also allow you to view additional data in each screen, taking information from the database of the information system or, alternatively, using selections generated by the additional module "FastQuery". It is also possible to choke the data on the screen using the fields as filters.

Everything is configurable for Company / User / User Group / Language.

### ... AND MULTILANGUAGE ...

The **Webgate400** client is currently already available in several languages, allowing users of different nationalities to use the same software in their preferred language. Moreover, the additional



Webgate400's main features on subfiles: export data to Excel, filters and hierarchies



module “Translate” facilitates the translation of the constants and message files of the application.

### THE WEBGATE400 BASIC CONVERSION

The first step of the modernization process is the programs and display files basic conversion. At this stage, fully automatic, the function keys and options of subfile are inserted into ribbon files, the fields with multiple values are translated into “combo box”, while the date fields and numeric fields are enriched with a practical calendar and a calculator. Also the main graphic elements managed by IBM native keywords are automatically converted to this stage. The **Webgate400** basic conversion also makes applications multitasking and multicompany.

**Webgate400** solves the need to provide your applications with the on line help connecting it to the individual fields (viewable via tooltip), screens, menus and functions. In the presence of the additional module “PSG Report Editor” you can generate automatic reports and customize them with a few clicks starting from each screen..

#### Automatic transformation of the subfiles into tables

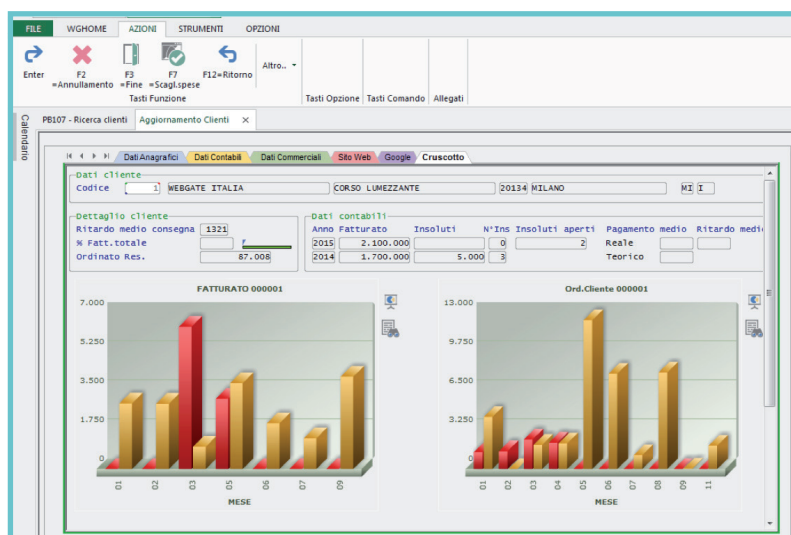
In the basic conversion process the subfile also modernizes

becoming table, enabling better use and complete customization of video informations. The column headers are automatically recognized; it is also possible to force the column headers and set multi-headings. In the presence of drop, the additional lines are added to the first; you can also, optionally, keep the drop itself.

Thanks to simple automatic conversion, each user can use the information of any subfile in a more practical way! With a few clicks, in fact, authorized users can change the sorting, the layout and size of the columns, lock them, hide those not necessary, insert new ones, filter and prioritize the informations, use calculation formulas, export to excel the entire subfile or only certain cells / rows / columns, as well as zoom in and out of the same subfile. Any change can also be saved to be reused later, as it is possible to return at any time to the initial configuration.

#### Additional automatic features

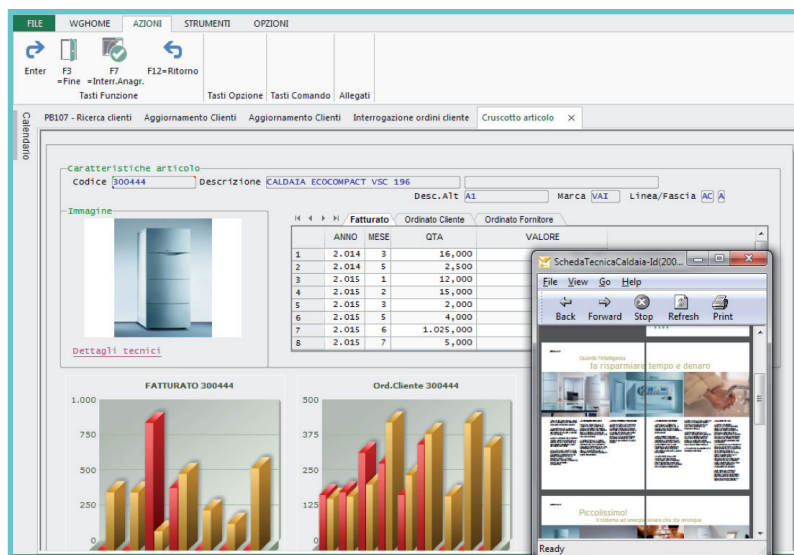
- **Print Box:** to view and download all the prints produced in format: pdf, tiff, txt, html and spool preview and display AFPDS prints.
- **WG Bookmarks / Favorites management:** to create a list of frequently used applications, in order to access them even faster and without using the menu.
- **WGFile Manager:** to manage and transfer files between your computer and the IBM Power System.
- **Internal Viewer:** to view documents and / or web pages in a side panel.



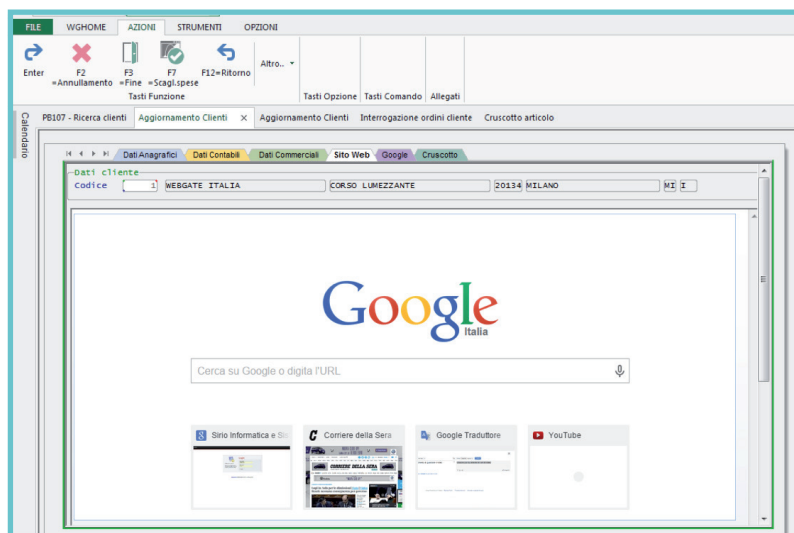
Example of a tabs program with graphics

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## WEBGATE400



The article dashboard is enhanced with graphics, images, data sheets, etc.



Inserting web pages within RPG programs

- **SQL Beautifier:** to compose SQL statements (even to create store procedures and UDFs) through a special wizard.
- **Synoptic Editor:** to draw synoptics and workflows.
- **System Utilities:** to perform the main user functionalities / systemistic (wrkactjob, wrksrjob, dspmsg user and sysopr, dspjoblog) directly by the client.

## THE MODERNIZATION OF WEBGATE400

Besides all the features mentioned above, that we remember to be automatic and only machine time, with a further step of modernization and you can further enrich the programs modernized with **Webgate400** inserting graphic objects, which can be positioned as required:

- **FRAME:** to logically and neatly organize information within the screen.
  - **CARDS:** to divide and organize the data of one or more video formats.
  - **IMAGES:** to insert images in the ERP, simply stating the path and file name.
  - **CHART:** to enrich the programs with a library of ready-made graphics.
  - **LINK:** to connect documents of various formats, set URLs and e-mail, move to the appropriate directory, invoke IBM Power System
- **File Downloader:** to export to format: excel, xml, txt file of the DB2 / 400.
  - **Data interceptor:** to save in a text file, at the occurrence of a certain event, some data of the screen.
  - **Shared Notes:** to insert, notify and share among all users some notes, written in a graphical format.





programs, execute SQL statements and display the result automatically, etc.

- **ICON:** to insert icons that identify at a glance the status of the information or run options and function keys.
- **IMAGE BUTTON:** to convey, with a simple click, parameters to the program to be executed; you can also define images that act as function keys.
- **COMBO LIST:** to display the possible values of a field, with its description and any icons.
- **SEARCH:** to launch a search by the right mouse button, optionally also by associating a function key.
- **LOB FIELDS:** to transform normal fields on the screen (for example, to insert annotations) in free input with formatting tools and with the possibility of adding images.
- **FILE CHOOSER / FILE MANAGER:** to include in the screens controls for access and selection of local and remote files, as well as utilities for transferring from IFS to local PC and vice versa, and for the management of the files themselves.
- **FIELD BROWSER:** to view a web page or swf in a dspf.
- **SQL OBJECTS:** to display data taken directly from the databases through SQL statements.

### YOUR APPLICATION FROM TRANSACTIONAL TO NAVIGABLE

Modernizing your applications also concerns transforming its use from transactional to navigable, allowing you to navigate between programs without having to re-enter the parameters and without using the menu. This process is possible thanks to the Command Service feature, which allows you to “anchor” in all fields of application - based on the whole or partial name of the field itself and to its nature - native programs AS/400, SQL statements and PC executable. In all the ways you can pass some static or dynamic parameters (that is fields present in the screen itself); via the Command Service, for example, you can invoke an orders query program of a certain item whose code is contained in a video field.

The Command Services are divided into: **MORE INFO** (execute the command by double click), **GENERIC** (allow you to choose the desired program from a list appearing in a special menu or toolbar), **LINK** (invoke “Database Link”, the product for document management of the **Webgate400** suite ), **DRAG & DROP**.



### HOW TO USE WEBGATE400

#### Setting up the project:

**Webgate400** allows you to define many “projects” (several applications, versions, individual modules, etc.). The approach is to define the libraries containing the sources, objects and rules for the automatic recognition of options, functional keys and fixed elements of the screens. To carry out this activity you use, only once, a special feature of the application.

For editing operations of the code you use the traditional PDM functions to edit the video formats and programs, without additional activities. Useful additions to the graphic version are directly included in the source programs and should not be taken in case of modification. For the recompiling operations, in addition to using the PDM “14” option, you run the “WG” option, defined automatically when you install the product.

#### PREREQUISITES

- *Sources of programs containing a video format with its related record formats.*



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**[www.webgateitalia.it](http://www.webgateitalia.it)**

