



IceCap™ can create a genuine web interface for IBM i™ in only 10 minutes!

- Instant modernization
- Automated interface layout
- Add new features without program changes
- Use the Web 2.0 technology to provide the genuine Windows look-and- feel
- Enhance your business opportunities with Web access and Web Services

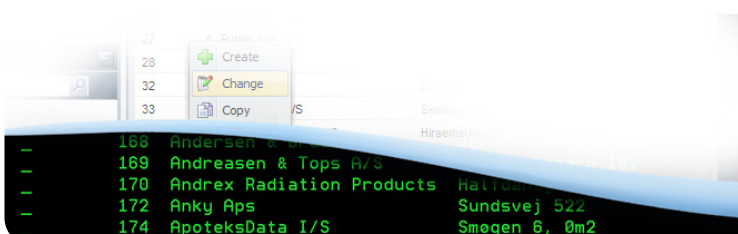
IceCap™ provides immediate lifetime extensions to all applications, securing your software and hardware investments.

Find more information at icecap.icebreak.org

Powered by IceBreak



System & Method
In the daily Workflow



Efficiency

IceCap™ is the latest tool within modernization of the character based 5250 environment on the IBM™ (AS/400™). IceCap™ will immediately add an intuitive web interface to your old character-based applications.

Instant modernization

It only takes 10 minutes to install IceCap™ - and your existing RPG, COBOL and CL programs will immediately be presented as web applications. IceCap™ can modernize whole business solutions - or complete projects where the standard system is already upgraded by the supplier leaving the company's own programs untouched in '5250 mode'.

Streamline your workday

The menu system included in IceCap™ already contains all the menus from the "i" OS (OS400). You can register your own programs and menus - and immediately experience the benefits of a rapid modernization without spending time, work effort, and money in the process.

IceCap™ opens each web application in independent tabs which provides a great overview and the ability to swiftly jump between different applications across systems.

Each tab represents a 5250-session in which each application environment is isolated, with a minimal use of memory. This model ensures that IceCap™ can support an unlimited number of sessions – all without affecting machine performance. The unique "Session Management System" ensures a prompt start and closing of sessions in IceCap™. The built-in "Single-Sign-On" feature ensures that users only need to sign on once.

IceCap™ transforms the traditional hierarchical menus of the 5250 environment – into a dynamic tree structure that is displayed in the left side of the screen. Often-used menu items can be pulled out of the menu structure and added to a 'favorite display'.

A single-click switches between the different web applications – while double-click opens a new tab. It is easy to navigate. Just jump between tabs, and simply use copy/paste to move data.

IceCap™ also offers a feature, where you can add online user guides for individual applications. The individual user guide can be pulled out from the right side of the panel, and is displayed in an easily readable format.

Flawless maintenance

The web applications will always reflect the underlying 5250-programs. This structure ensures that program changes only need to be implemented in one place – on the server.

You can safely move, add, or remove fields without fear of destroying the new web applications. The changes are immediately visible in IceCap™.

Integration

IceCap™ can be used by all types of Internet browsers. All users can access their applications without the need of installing additional software on their computers. IceCap™ does not require ActiveX components or other plug-ins.

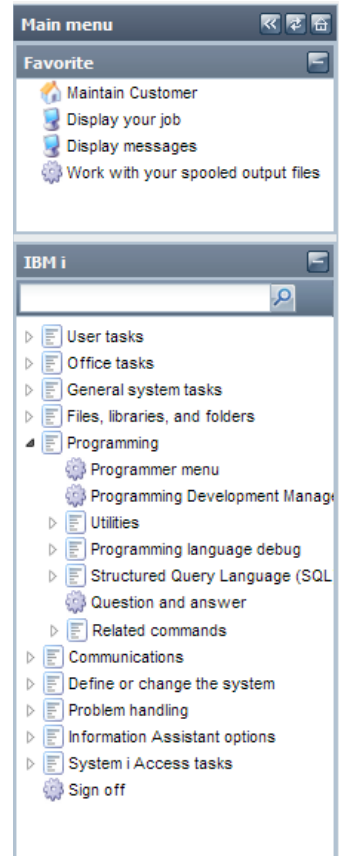
Support for all platforms

IceCap™ supports; Microsoft Internet Explorer, Mozilla Firefox, Google Chrome, Apple Safari – and will run on Windows, Linux and Mac OS / X.

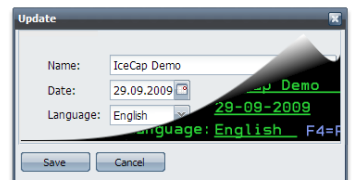
Web applications can be activated via hyperlinks from most applications, intranet, extranet, or directly from the Internet. The "Authorized-Auto-Login" feature will ensure that the information can be retrieved or updated, without constantly requiring password. IceCap™ supports all character sets and works perfectly in international organizations.

Give your customers a VIP entrance via the Internet

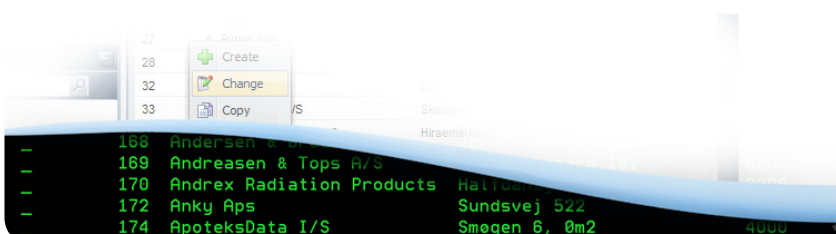
Customers, partners and mobile employees can now, via IceCap™, get access to selected parts of your Business Solution via their computers or phones. Clients can instantly access to order registration, sales prices, inventory status, order status, etc.



IceCap automatically creates several menus in an easy and slimmed interface.



IceCap will always reflect the 5250 programs running in the background.



Usability and functionality

IceCap™ is based on the future-proofed Web 2.0 technology that gives your old programs a 'look and feel' known from Windows and Mac. It is also possible to add drop down boxes, check boxes, buttons, calendars, links, graphics and other Web elements. And it can all be done, without the need of additional processing power.

IceCap™ is a self-learning application

The layout of your different 5250 programs is automatically recorded when you start IceCap™. IceCap™ will then automatically determine which components that is best suited for your new web application. This feature speeds up process of adding an intuitive web-based user interface to your application.

You can, if the new layout does not suit you, even add "hints" to suit your needs. These "hints" can be added at several levels, from overall system rules, right down to each panel and field.

IceCap™ already contains default "hints" about the "i" OS, which is based on the widespread Systems Application Architecture (SAA). A very large number of standard systems and customized solutions do actually follow this standard thereby reducing the number of additional "hints" required.

Use of the "hints" will in short ensure; that you do not waste large amounts of time and resources making trivial adjustment of the countless panels in your old 5250 applications.

Advanced customization

Using the "hint" feature makes it easy for you to modify web applications for various business purposes. Fields can be removed, inhibited or restricted for update or limited to the standard options via the dropdown panels. Date fields may be supplemented with a calendar – while e-mail and Internet addresses can activate the mail program and Internet browser. New web applications can likewise be integrated with your or other websites and increase your business opportunities.

Add new features – without program changes

IceCap™ is designed using the IceBreak™ technology, and that opens for new possibilities like no other product.

IceCap™ can dynamically call applications via "Breakouts" and access both the Operating System and databases on the IBM i™ while the web application is active. This implementation ensures that old 5250-programs can be further upgraded by adding new functions – without any program changes to the original program. The new extra functions can be added both in the Client (browser) and the Server side.

"Breakouts" in the Client is written in JavaScript enabling graphics, charts and other Web elements dynamically to be merged into the application. The vast information available on the Internet will hereby become available for commercial applications.

Example: Details on a customer query can be enriched with Financial Statements, Google Map, Public Tax details etc.

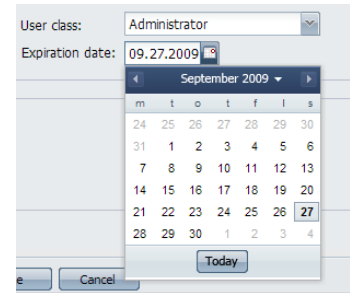
"Breakouts" on the server, is written in the familiar programming language, RPG. These "Breakouts" can even use the included API set, to retrieve or update information from other RPG programs – or user "remote control" to activate other RPG programs. This functionality provides a unique opportunity to modify and optimize future workflows.

Example: A backorder in the Order Entry program can automatically lead to the creation of a purchase order. "Breakouts" on server-side are always compiled program objects first time they are used.

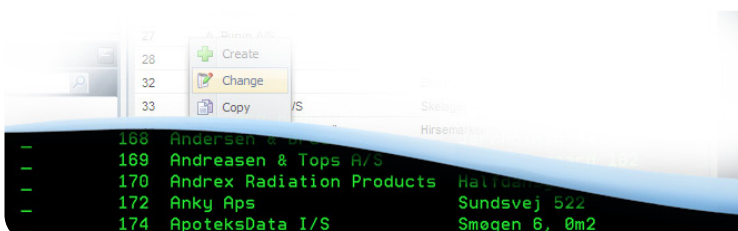
This ensures optimal performance, and will also guarantee that the program follows the authorization rules defined by the "i" OS (OS400). An IBM licensed RPG compiler is a prerequisite when using "Breakouts".



IceCap is a cross-platform solution, and can be deployed on a wide variety of popular platforms.



Easily add new services and user-friendly features.



Visual effects with charts

It is well known, that visual effects can provide an invaluable overview of data collected from applications or from a database.

IceCap™ is integrated with the Fusion Charts Presentation™ product line. Fusion Charts Free™ gives you a choice between numerous 2D and 3D bar charts, line charts, pie charts and doughnuts.

Strategy and architecture

Incorporated modernization plan

IceCap™ provides a rapid modernization of business solutions – but it does not end here.

IceCap™ can turn your applications into SOAP-based Web Services that can be wedged into a future SOA architecture.

We recommend IceBreak Enterprise™ in the modernization process, as the product reuses most of the original RPG or COBOL code. You can thus take advantage of the existing skills in your IT-staff. Read about IceBreak Enterprise on www.IceBreak.org

IceCap™ also supports a smooth transition to other platforms and programming languages. While IceCap™ serves the business logic, an entirely new user interface can simultaneously be developed on another platform, for example: C #, ASP.NET or JAVA.

Business logic is provided as Web Services

It is – when you combine IceCap™ with IceBreak Enterprise™ – simple to convert existing 5250 applications to Web Services that is considered an important part of future infrastructure. This technology allows for data exchange via the Internet with other systems and platforms – or to external Business Partners. An IBM RPG license is a prerequisite for using this technology.

No hidden expenses

A modernization plan with IceCap™ requires no hardware upgrades, no purchase of servers or additional licenses.

IceCap™ can replace IBM Client Access™ it will not cost you additional processing power – so it safeguards your current hardware investment - even on the smallest IBM i™ models.

IceCap™ can be implemented without operational changes. There's no need for making changes in your night jobs or backup routines. The actual job management of your new Web Applications is also unchanged as it works as a natural renewal of the job management already used in the 5250-technology.

The product does not affect the operating system or original programs. IceCap™ ensures that all product guarantees, issued from IBM or other vendors are kept intact.

Top Security

The fact that your application is displayed in a browser, does not imply security problems – you are still fully protected by the IBM i™ security and authorization system. Your applications can be further be secured by SSL, if you acquire IceBreak Server™ or IceBreak Enterprise™.

Great Performance

IceCap™ adds your current fast response times to you new web applications. IceCap™ is designed specifically for the IBM i™ (AS/400) which ensures the optimal use of system functions and resources. IceCap™ is not dependant of JAVA, WebSphere or Apache that would burden the machine performance.

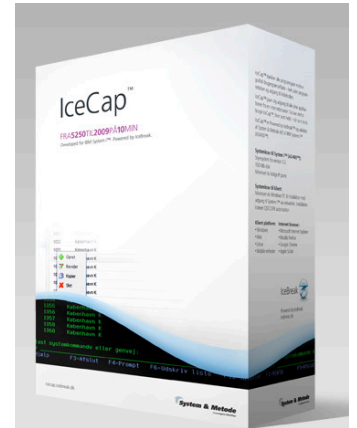
Extend the lifetime of your 5250 programs – and save money!

Implementing IceCap™ technology can ensure decades of investments, all while saving massive investment in new hardware, software, conversion and training.

Use your money wisely. It is better to invest in new features to existing systems, rather than convert to another solution - or platform!



Present your data elegantly with FusionCharts™ presentation products.



IceCap™

IceCap™ covers all your programs with a graphical user interface - without program modifications and access to the source code.

IceCap™ provides access to all of your applications through an ordinary Web browser. Therefore you can use IceCap™, anytime - anywhere.

IceCap™ is developed with IceBreak™ for IBM i™ (AS/400™). IceCap™ requires OS version V5R2 or later.

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