

looksoftware
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+ Product
Newlook
Smartclient

True Productivity for IBM i Users

Newlook Smartclient provides a powerful desktop interface for IBM i applications

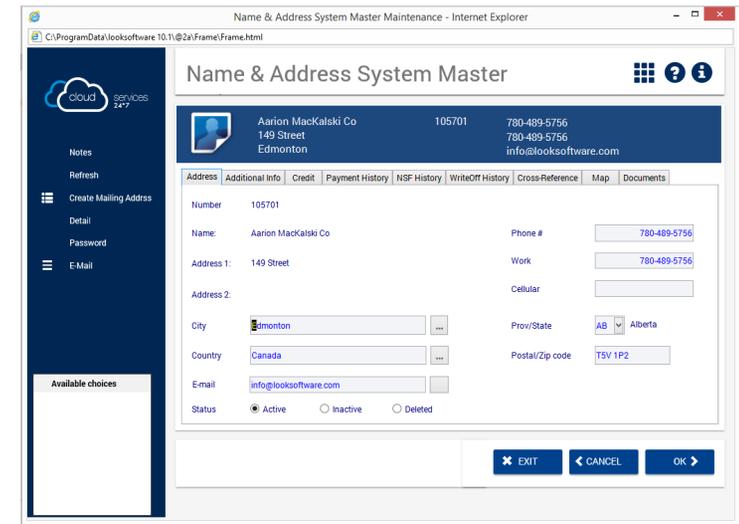
HTML-based applications may get top billing in today's IT environment, but Newlook Smartclient gives end users the speed, productivity and integration that match the functionality and stability of their existing IBM i applications — all in a rich, GUI desktop client. As a Newlook deployment option, Smartclient delivers the following:

- **Speed:** direct access to the IBM i data stream gives emulator-like speed that browser-only applications cannot match.
- **Scalability:** using the PC to handle load adds zero CPW load to the IBM i, which means infinite scaling for your existing user communities and no extra hardware or changes to application architecture.
- **Integration:** tight integration to the desktop, enterprise and web applications results in genuine improvements in productivity, with IBM i working seamlessly throughout the enterprise.

Speed

Smartclient is a Newlook deployment option that resides on the end user's PC and uses the PC's vast untapped power to directly receive the 5250 and/or Open Access data stream. With 5250, this means that network traffic is, at a minimum, 10 times lighter than for a web page, and possibly 100 times lighter. As a result, screens appear and react with emulator-like performance. Smartclient also provides support for unique IBM i features that web applications don't understand. For example, keyboard buffering and type-ahead are essential for fast data entry.

Many pure web applications are not built for speed and struggle with the stateful nature of IBM i application screens. Smartclient gives users virtually unchanged session speed with all of the workflow and advantages of a modern graphical application. It's a simple-to-deploy solution that updates and manages itself from within your existing infrastructure, and under your complete control.



Scalability

Smartclient adds no extra load to your IBM i. Because the system still thinks it is talking to an emulator session, you have no extra workload overhead. Smartclient maintains your current number of sessions with no extra hardware or any degradation of end user speed. It has been used in production with over 19,000 concurrent users from one IBM i machine. Where you have just a few users, it is simple to host the workload on the IBM i, but with hundreds of users, it makes sense to move the effort off-platform.

Integration

No IBM i system stands alone. For businesses and their processes to be efficient, seamless integration of systems is key. End users should not see the IBM i, desktop, web and mobile as silos of data — they should work seamlessly together. The best end user solution aligns IBM i line-of-business applications with the desktop and web in a seamless manner, where users are not aware of the platform, just the information and insight provided by systems. This can be as simple as exporting or importing data with Microsoft Office or showing Cloud-based BI information within your existing IBM i systems. The right data, in the right place, provides business with the ability to cope with today's change of pace.

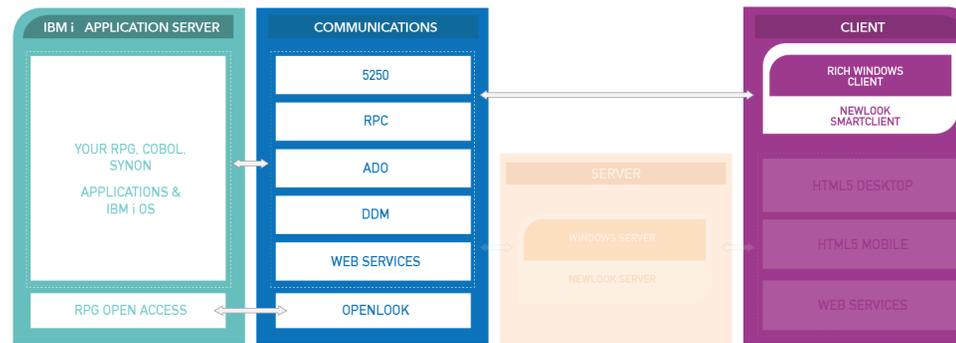
Leverage existing, modernize or create new

Smartclient has seamless support, no matter your strategy. It instantly converts existing 5250 applications into modern extensible GUI screens. Seamless support for RPG Open Access lets you enhance existing screens and add modern controls fully managed by RPG. If you wish to create screens or applications, Open Display Files help create screens without the limitations of 24x80 in a true graphical design tool, leveraging your existing RPG application language skills and model. You can also create new GUI applications without having to learn a new language. Looksoftware's support for Open Access

means that you can add application support for OA when you need it, and users can switch between 5250 and Open Access screens without any effort on your behalf.

Support for multichannel deployment

While Smartclient is ideal for internal emulator replacements, one size does not fit all. The Newlook repository works across all clients — desktop, web and mobile, allowing you to build once and deliver to power users and occasional users with no extra effort. Many customers today deliver the same solution created in Newlook Developer to productivity users via Smartclient and to external and occasional users via pure HTML5 using Lookserver.



Smartclient provides an alternative Newlook deployment option for productivity users who need emulator-like performance and seamless integration with desktop features such as e-mail, accounting apps, etc.

Newlook Smartclient — Summary of Key Features

- Full support for 5250, 3270 and RPG Open Access.
- Seamless bi-directional switching between 5250 and Open Access.
- Full featured emulator included; this means you can deploy a single solution that meets the need of users who wish to stay with 5250.
- Refacing, integration and extension of existing RPG, COBOL, CL, LANSAs, SYNON or any 4GL that produces a 5250 datastream.
- Automatic creation of 12 types of graphical controls from existing IBM i screens.
- Dynamic recognition engine dramatically reduces the effort and maintenance.
- Emulator-like performance for productivity and data entry speed.
- Scalability. Smartclient has run in production with over 19,000 concurrent users.
- Tight desktop and enterprise integration provide users with a seamless interface across systems.
- Workflow and productivity functions allow systems to be more efficient and easier to learn.