

IDecode[®] DLL Active X

The Positive Access[®] IDecode[®] DLL is an ActiveX DLL module that can be used by software developers to quickly and easily add driver's license parsing capability to Windows-based applications.

The decoding logic and format tables for all 50 U. S. states and many provinces in Canada are compiled into the IDecode DLL.

While there is a national standard (AAMVA) for encoding digital information on a driver's license, most states do not fully implement the standard. Also, the states are often changing the format of the information stored on the card. Positive Access is committed to continuously research and monitor the format of the United States and Canadian drivers' licenses in order to keep the logic of the IDecode DLL current. Periodic updates (two to three updates per year) are available to developers that purchase the update subscription service.



How it works

The IDecode DLL is a processing engine that has no direct user interface or direct device interface. Information from a card reading device (magnetic stripe or 2D bar code reader) is sent by the application software to the DLL. The DLL then returns the information parsed into various fields as requested by the application software.

The block diagram to the right shows how the IDecode DLL can fit into a typical Windows-based application software program.

At least one input device (magnetic stripe reader and/or 2D bar code scanner) will be required to scan driver's licenses. The software developer can choose any appropriate scanning device and write the required interface software driver. Positive Access can suggest devices that perform well with the Positive Access Windows software.

Software development requirements

Operating systems:

Windows 95 98, 98SE, Windows NT, Windows 2000, Windows XP, and Windows Vista

Development tools:

The IDecode DLL is compiled using Microsoft Visual Studio 6. The DLL has been tested with applications developed using Microsoft Visual Studio 6, Microsoft Visual Studio.net, and Borland Delphi.

Supported states and provinces

Currently the IDecode DLL can recognize and parse the digital data from the driver's licenses of all 50 states and many IDs from US territories, Canadian provinces, and US government IDs. Positive Access is continuously enhancing the IDecode DLL logic so that it can handle both new driver's license issues and the many variances discovered within each jurisdiction. Military ID cards are also supported.

A list of the supported states, provinces and other ID's can be found at <http://www.positiveaccess.com>.

