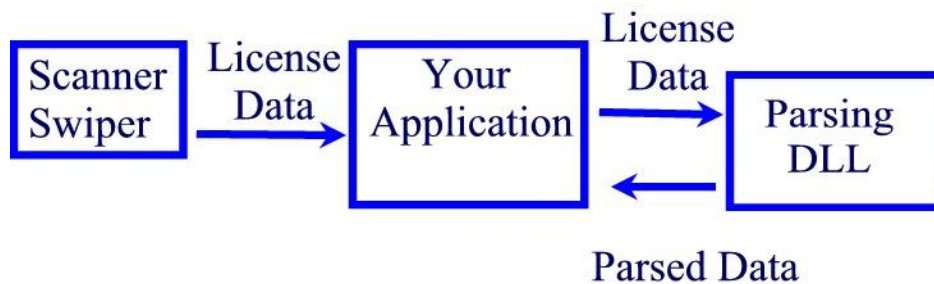


## TokenWorks IdParserQLibNet DLL

### Introduction

Thanks for your investment in the TokenWorks Driver's License Parsing software SDK.

This SDK includes a VS2017 project with a single form that simulates scan data from a serial barcode or magnetic stripe scanner, calls our .NET driver's license parsing libraries which parses the fields (i.e. name, address ...) out of drivers' licenses.



First, Middle, Last, Title  
Address, City, State  
Zip, DOB, Expire, etc.

We provide three projects in the SDK. One has test DLLs that do not require registration. The DLLs only parse address, city, and state and fill in the remaining fields with constant values. The second project has the licensed DLLs that come with a 30-day evaluation license and require activation. The third project demonstrates how to use the Parsers in an ASP .Net environment.

### SDK contents:

The SDK has four directories.

- Docs folder Parsing library spec, Activation guide, Quick Start and Release notes.
- ParserDemo VS2017 project that demonstrates Magnetic and Barcode library, activation is required. This app can be used to activate licenses.
- SerialDataCapture VS2017 project with unlicensed parsing Libraries. No activation required, uses test parser -only parser Address info, all other fields filled with static data. Demonstrates how capture data from a serial port scanner using the Data Receive Event

## Suggested Development Process

We suggest you first start working with the Test DLLs. Your first goal should be to capture an entire scan from the barcode or magnetic stripe scanner. Once you are comfortable capturing and processing scans with the test DLLs, then move your work to a project, which uses the licensed DLLs, which require activation.

## Development Environment Requirements

The Development Environment requires the following Components/Apps:

- PC running Windows OS – XP (SP3), Vista, Win7
- Microsoft Visual Studio VS2017
- PDF417 2D Barcode Scanner and 3 track Magnetic card reader

The DLLs target the .NET Frameworks 4.0 and work on 32 or 64 bit environments.

## Additional Requirements

The developer must send the full scan data from with the barcode reader or magnetic card reader. Full scan data means the entire string generated by the scanner during a swipe/scan operation. The DLLs will not work properly if presented with partial scan data. The DLLs are backwards compatible with scan data produced by legacy versions of the DLLs. There is no need to reprogram the scanners that were licensed to use the legacy versions.

## Sample Application Folders

In the output folder of the project called: *ParserDemo* you will find the parsing DLL's:

- A demo application called *IDParser.exe*
- MagQLibNet.dll
- PdfQLibNet.dll
- QImLicenseLib.dll

## Self Help Portal

If you cannot get your target PCs to go online to do the license activation, you can use the Self Help Portal to activate and create a license file.

The self help portal URL is:

<https://customersite.tokenworks.net/>

You will need to supply the Computer name and the activation code and then download the license file from the portal. You must copy the license file to the same location where the parsing libraries and QLM dlls must reside.

## Activation codes

Please contact [support@tokenworks.com](mailto:support@tokenworks.com) to request a demo activation code, or to purchase activation code

Please see the License Activation Guide document for details.

Once the DLLs are activated, you will be granted full access to the parsing libraries. A local license file will be created on the machine: LicenseFile.xml