



Thank you for downloading the Free 30 Day Trial of  
**RDPCrystal EDI Library**

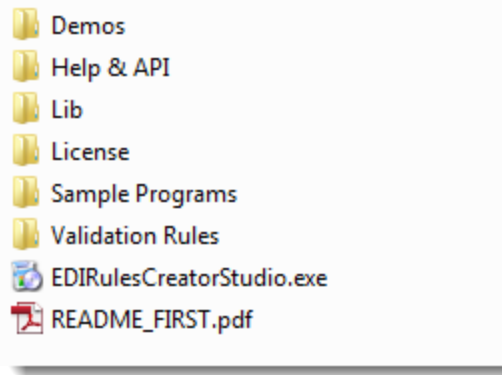
Quick Note – You may need to 'Unblock' our zip file

A blocked zip file will prevent help files or .dlls from working properly

To "**unblock**" a file, right-click on the RDPCrystalEDILibrary.zip, choose **Properties** from the context menu, click the **Unblock** button in the lower right-hand corner of the resulting dialog, and hit **OK** or **Apply**. **Now unzip the file as usual.**

## Folder Descriptions

You should see the following folders after unzipping your **RDPCrystalEDILibrary.zip** file



1. **Demos** – Demos of all the RDPCrystal EDI Library components. Double click on any demo to launch it
2. **Sample Programs** – **C#.Net** sample programs and source code. You can open these sample programs using Visual Studio 2010 or later. Other IDEs that support .Net can also be used. For example, SharpDevelop.
  - a. **Visual Studio can be downloaded from**  
<https://visualstudio.microsoft.com/downloads/>
  - b. **SharpDevelop can be downloaded from**  
<http://www.icsharpcode.net/opensource/sd/download/Default.aspx#SharpDevelop5x>
3. **EDI Rules Creator Studio** – Application for creating, editing, viewing and validating X12 EDI validation rules

### **Instructions on viewing validation rules**

- a. Install **EDI Rules Creator Studio** by double clicking on EDIRulesCreatorStudio.exe
- b. **File->Open 5010 Rules**
- c. Select the rules you want to load. For example,  
*Rules\_5010\_999\_005010X231A1.Rules*
- d. After loading the rules go to the **EDI Validation** tab to test sample EDI data provided.
- e. You can also visit the other tabs to view what other data a rules file contains

File
Help
Online Rules Description

EDI Rules Creator Studio [Rules\_5010\_837P\_005010X222A1.Rules]

RDPCRYSTAL  
EDI LIBRARY

EDI FILE STRUCTURE
RULE TESTER
TEMPLATE SEGMENTS
COMPOSITE ELEMENTS
ELEMENTS
CODE LISTS
FORMATS
FILE DATA
RULES
ELEMENT EQUALITY

```

1  ISA*00*          *00*          *ZZ*133052274      *ZZ*311279999      *1~
2  GS*HC*133052274*311279999*20120419*212549*2120*X*005010X222A1~
3  ST*837*000000533*005010X222A1~
4  BHT*0019*00*000017120*20120419*212550*CH~
5  NM1*41*2*CS*****46*133052274~
6  PER*IC*CUSTOMER SOLUTIONS*TE*8008456592~
7  NM1*40*2*RECEIVER*****46*311279999~
8  HL*1**20*1~
9  NM1*85*2*BILLING PROVIDER*****XFX*1215954003~
10 N3*1540 SUNDAY DRIVE~
11 N4*RALEIGH*NC*276076000~
12 REF*EI*569999999~

```

☒ Check Min/Max Length
☒ Check Data Types
☒ Check Trailing Elements
☒ Generate 999
FAIL

EDI Document

- INTERCHANGE HEADER
  - ISA[1]
    - FUNCTIONAL GROUP
      - GS[2]
        - ST HEADER
          - ST[3]
            - BHT[4]
              - 1000A
                - 1000B
                  - 2000A
                    - END ST HEADER LOOP
                      - END GS LOOP
                        - END ISA LOOP

VALIDATE
Time (ms) 00180
Lines 195
Delimiters Element=\*, Segment=~
Composite=<, RepetitionChar=^

Errors(2) 999 Acknowledgement

| Type  | Line | Transaction | SnipLevel | Message                     | Description                             | Loop                           |
|-------|------|-------------|-----------|-----------------------------|---|--------------------------------|
| Error | 09   | 000000533   | Integrity | ElementGreaterThanMaxLength | Maximum length is 2                     | 2010AA [BILLING PROVIDER NAME] |
| Error | 09   | 000000533   | CodeSet   | ElementHasWrongValue        | XFX not valid. Accepted value(s) are XX | 2010AA [BILLING PROVIDER NAME] |

- b) Help – API and other help files
- c) Validation Rules – 4010/5010 validation rules file. These files are used by our EDIValidator component to validate EDI data
- d) Lib – RDPCrystal EDI Library libraries (.Net / .Net Core)
- e) License – RDPCrystal EDI Library License and Terms Of Use

# Technical Support

You have **Unlimited Technical Support** during your trial. Please contact us at [support@rdpcrystal.com](mailto:support@rdpcrystal.com) with any questions you have.

Message from the RDPCrystal EDI Team

"We want this to be a successful trial for you. As you get more familiar with the components of RDPCrystal EDI Library you will see that we have a component for each major aspect of EDI development. Please feel free to contact us any time if you have a question.

We look forward to hearing from you!"

**The RDPCrystal EDI Library Team**

