

# **PDF Report Gateway Interface Specification**

**Trusted Employees**

[www.trustedemployees.com](http://www.trustedemployees.com)

**Version 1.0**

**Revised December 23, 2015**

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## 2 Document Distribution

This document is available to all Trusted Employees (TE) personnel, upon request from the TE Information Technology (IT) Department and to the partner who wishes to integrate their applications with our services.

## 3 Summary of Changes

The Summary of Changes section provides a cumulative list of changes made to this document. Each change is descriptively noted, given an edition number and date, and shows the date of approval.

Version Number	Version Date	Nature of Change	Date Approved
1.0	12/23/2015	Initial creation of Document	

## 4 Summary

Trusted Employees partners have historically used our proprietary web interface to retrieve PDFs of their reports.

## 5 Operation

Sending in XML will return the same XML with added nodes of a PDF of each report, base 64 encoded. The URLs for this interface are (TEST) <https://www.rhrtest.com/ReportPDFFetch.cfm> and (PROD) <https://www.rhris.com/ReportPDFFetch.cfm>

## 6 Sample XML

Sample XML is included for the Report Copy Request.

```
<ReportCopyRequest>
  <PartnerInfo>
    <UserID>0000S</UserID>
    <Password>test123</Password>
  </PartnerInfo>
  <Reports>
    <Report>
      <FileNo>1707E7</FileNo>
    </Report>
    <Report>
      <FileNo>177670</FileNo>
    </Report>
  </Reports>
</ReportCopyRequest>
```

### 6.1 Special Characters

As part of the XML protocol, five special characters have been identified that require special encoding if they occur within data being sent within the XML. These characters have special meaning to the XML protocol and therefore require encoding to prevent confusion. If these characters occur in the data being

sent by XML, the characters must be replaced by their appropriate encoding. These characters and their encoding are as follows:

<u>Name</u>	<u>Character</u>	<u>Encoding</u>
ampersand	&	&amp;
apostrophe	'	&apos;
greater than	>	&gt;
less than	<	&lt;
quote	"	&quot;

If an encoding is found in the XML data received by TE, it will be rejected. If one of these special characters is found in data being returned to you, it will be replaced by its encoding and you should convert the encoding back to the character once it has been received.

## 7 Sample XML Return

```
<ReportCopyRequest>
  <PartnerInfo>
    <UserID>0000S</UserID>
  </PartnerInfo>
  <Reports>
    <Report>
      <FileNo>1707E7</FileNo>
      <PDF><![CDATA[{Base 64 Encoded Binary Sting PDF
format}]]></PDF>
    </Report>
    <Report>
      <FileNo>177670</FileNo>
      <PDFError>{Errors when PDF cannot be created}</PDFError>
    </Report>
  </Reports>
</ReportCopyRequest>
```

Possible PDFErrors:

Report does not exist.

Not authorized for this report.

Failed to generate report PDF.

## 8 Sending and Return Information

When sending a request, the method must be post, HTTPS must be used, "content-type" must be "application/xml", and the body must be the XML. Every response will have status code to come along with it. If successful, than "200 OK" will be the status, and the body will contain the XML return. If something when wrong (i.e. not posting or not using HTTPS), then it will be "400 Bad Request", and the body will have the information of what the issue is (NOT in XML).

400 Bad Reqeust body messages (There will be numbers at the end, which can vary. (i.e. "Login failure. 228"):

Must post using HTTPS/SSL to this interface to be accepted.

Must post valid XML to this interface to be accepted.

Must post with UserID to this interface to be accepted.

Must post with Password to this interface to be accepted.

Login failure.

## 9 Contact Information

For Technical questions regarding the PDF Report Gateway or this interface specification, please feel free to call or email TE Technical Support at 952-259-3007 or [rhr-it@rhris.com](mailto:rhr-it@rhris.com)