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## ACH Return Generation Service

The following table provides an overview of the ACH Return Generation service:

Service name	ReturnGenerationACH
Graphical Process Modeler (GPM) categories	All Services, EDI > ACH
Description	Generates ACH Return entry detail records and forwards them to ACH Enveloping service.
Business usage	Support for the ACH translation standard.
Usage example	Allows the back end system to return those entry detail records which could not be posted successfully.
Preconfigured?	Yes.
Requires third party files?	No
Platform availability	All supported platforms.
Related services	EDI Envelope Service Related Business Processes: EDI Envelope BP
Application requirements	None
Initiates business processes	There are no special business process requirements for this service. This service cannot be used outside a BP.
Invocation	The service should be called with an XML document as the primary document. This XML document should conform to a schema published by Sterling Commerce along with other ACH components. This message should contain information necessary to identify the entry detail records being returned and should also contain ACH specific reasons for rejection of those entry detail records.
Business process context considerations	None.
Returned status values	Enter the possible status values that can be returned from this service. Error: The Advanced Status message will indicate the error and the status report will give additional information.
Restrictions	None.
Persistence Level	Default.
Testing Considerations	The system needs to have processed some ACH Entries. Need a valid XML file referencing these entries as the input. Also need to have outbound envelopes configured so that the generated return entries can be packaged into an ACH interchange. For debug messages to be logged, the system log needs to be turned on.

## Business Process Example

This sample business process calls the ACH Return Generation Service, using the supplied document as the primary document.

```
<process name="ACHReturnGeneration">
  <sequence>
    <operation name="ReturnGenerationACH">
      <participant name="ReturnGenerationACH"/>
      <output message="Xout" >
        <assign to="." from="*"></assign>
      </output>
      <input message="Xin" >
        <assign to="." from="*"></assign>
      </input>
    </operation>
  </sequence>
</process>
```