

# **Employer Submission Technical Workshop**

**20<sup>th</sup> March 2017**

# Agenda

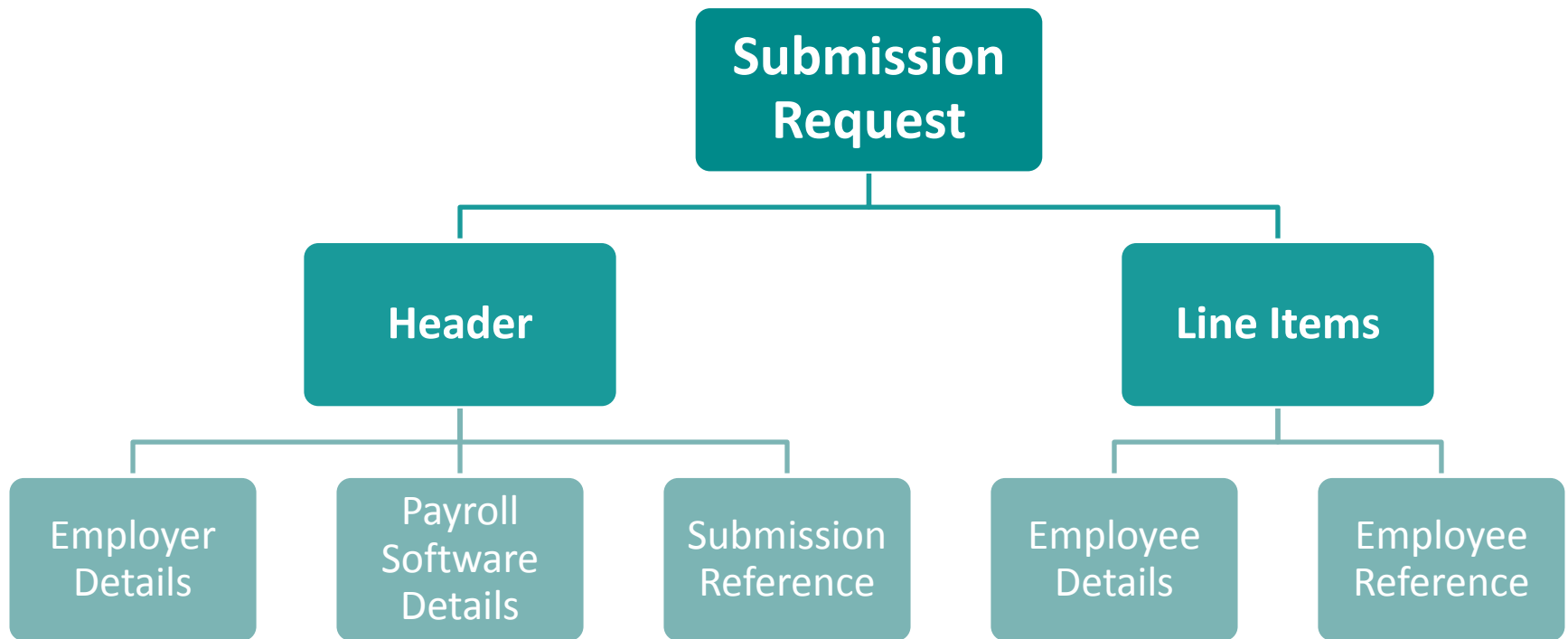
1	Introduction	
	Submission Request & Response: High Level Structure	
	Technical Considerations	
2	Technical Message Flows	
	#1	Payroll Submission
	#2	Batch Payroll Submission
	#3(a) - #3(c)	Payroll Submission Corrections
	#4	Batch Payroll Submission Correction
3	AOB	

# 1. Introduction

## Before we start

- Primary aim to outline technical message structure & message flows for employer submission
- Data Items not finalised – only items relevant to this discussion included
- Not all technical considerations finalised at this stage

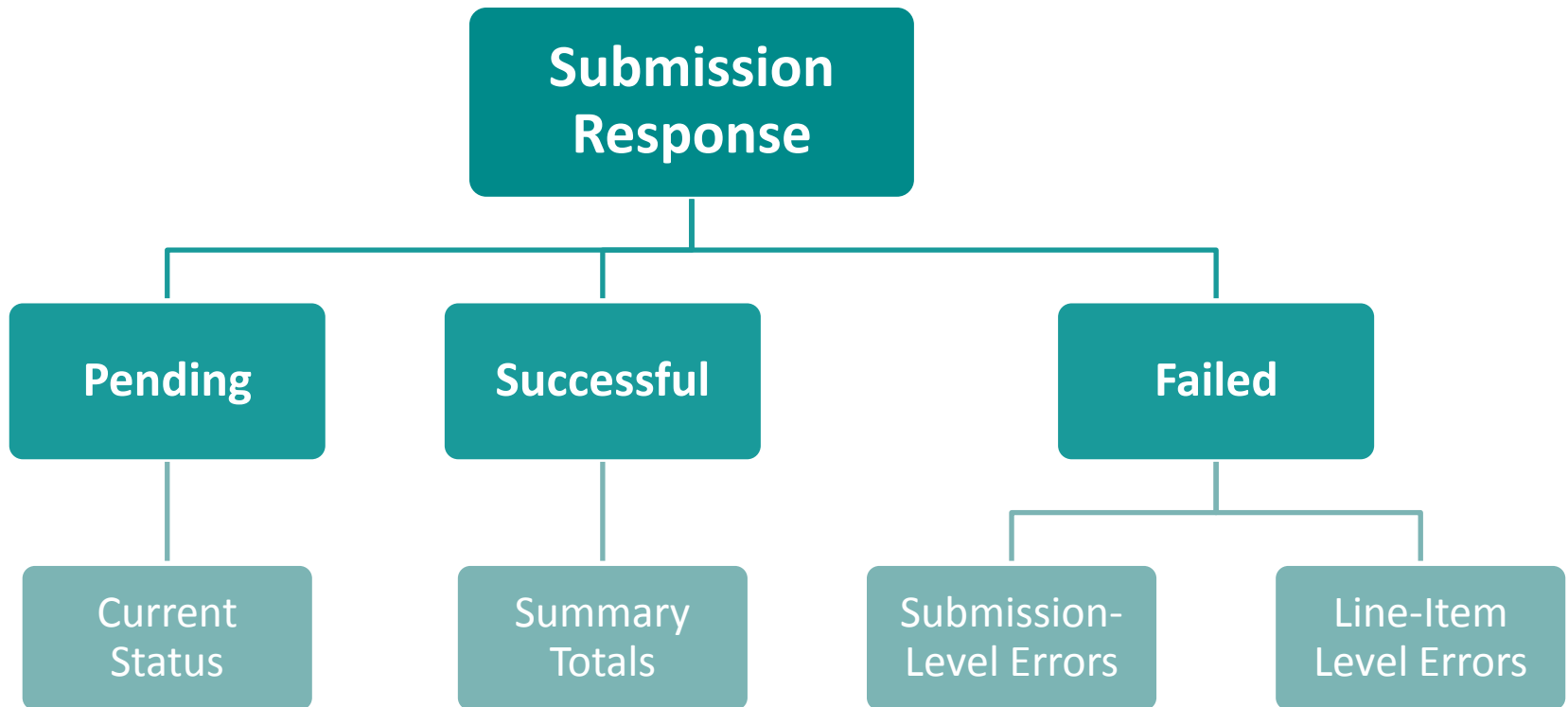
# Submission Request: High Level Structure



# Submission: Key Technical Data Items

Level	Data Item	Description and validation	Context
Header	Employer Number	Employer's (PAYE/PRSI) Tax Registration	Jointly used to uniquely identify employer's individual submission
	Submission Message Reference	Unique message identifier for submission	
	Submission Type	Possible Values: <ul style="list-style-type: none"><li>• New Submission</li><li>• Deletion</li><li>• Correction</li></ul>	
Line Item	Employee Reference* <i>*Note: Field name and format TBC</i>	Unique reference to employee record on payroll submission	Used to uniquely identify individual employee records for correction purposes

# Submission Response: High Level Structure



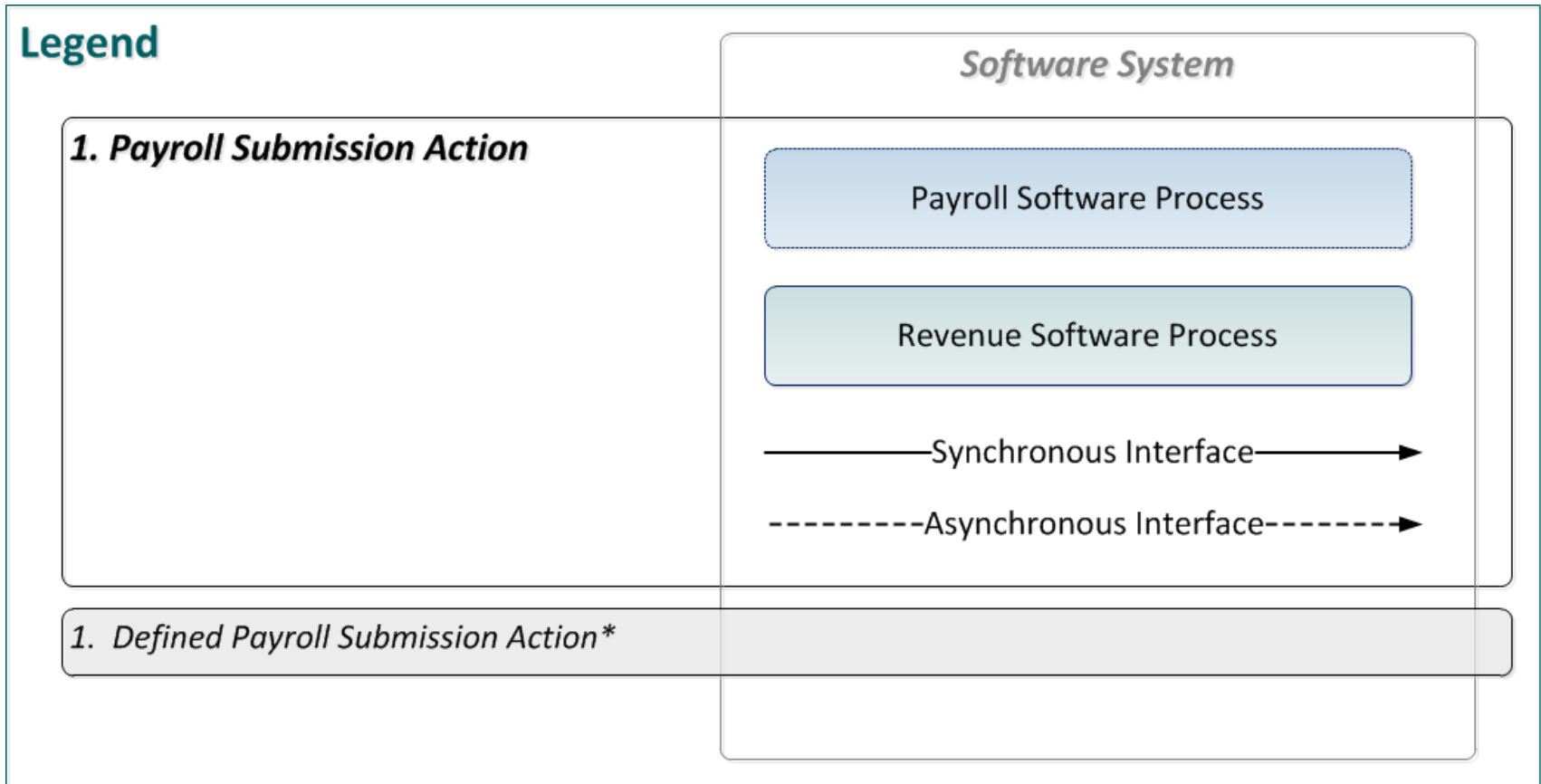
# Technical Considerations

Item	Feedback	Comment
<b>File format/Schema</b>	Decision required with schema format/content	Current preferred approach would be to use XML as the file format for employer submissions
<b>Transport/Filing Mechanism</b>	Decision required with respect to available delivery methods	Current preferred approach would be to use SOAP as the transport mechanism
<b>Web Services</b>	API Calls etc. to be defined	Technical Message flows to be discussed outline calls involved in submission process
<b>Encryption</b>	Decision required with respect to encryption methods	Security approach under investigation



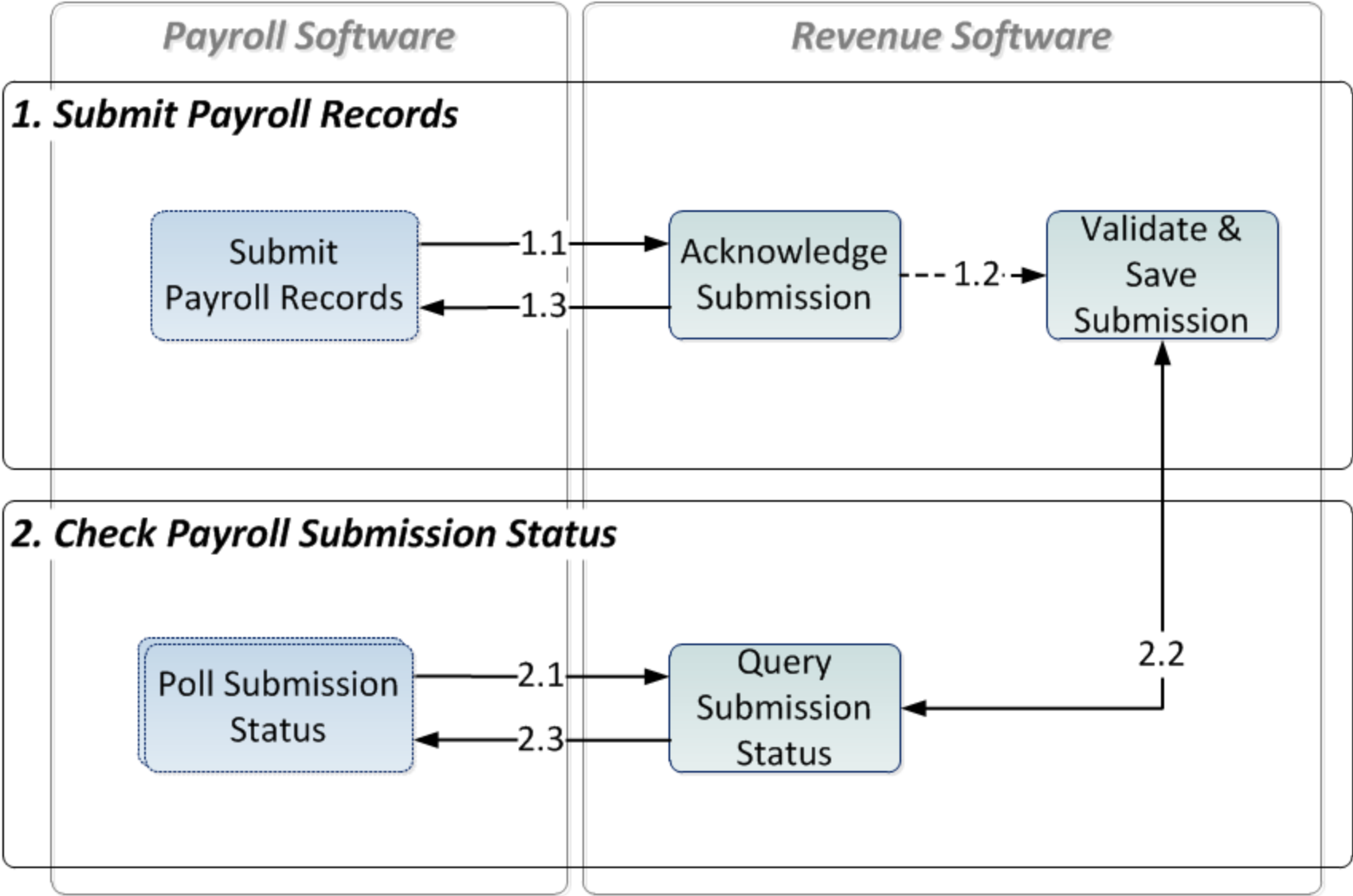
## 2. Technical Message Flows

# Technical Message Flows: Intro



**\*Note:** To minimise duplication across diagrams, specific payroll submission actions have been grouped together. Certain actions are defined on one diagram and are referenced on the other diagrams.

# #1 – Payroll Submission



# Key Interfaces

## 1. *Submit Payroll Records*

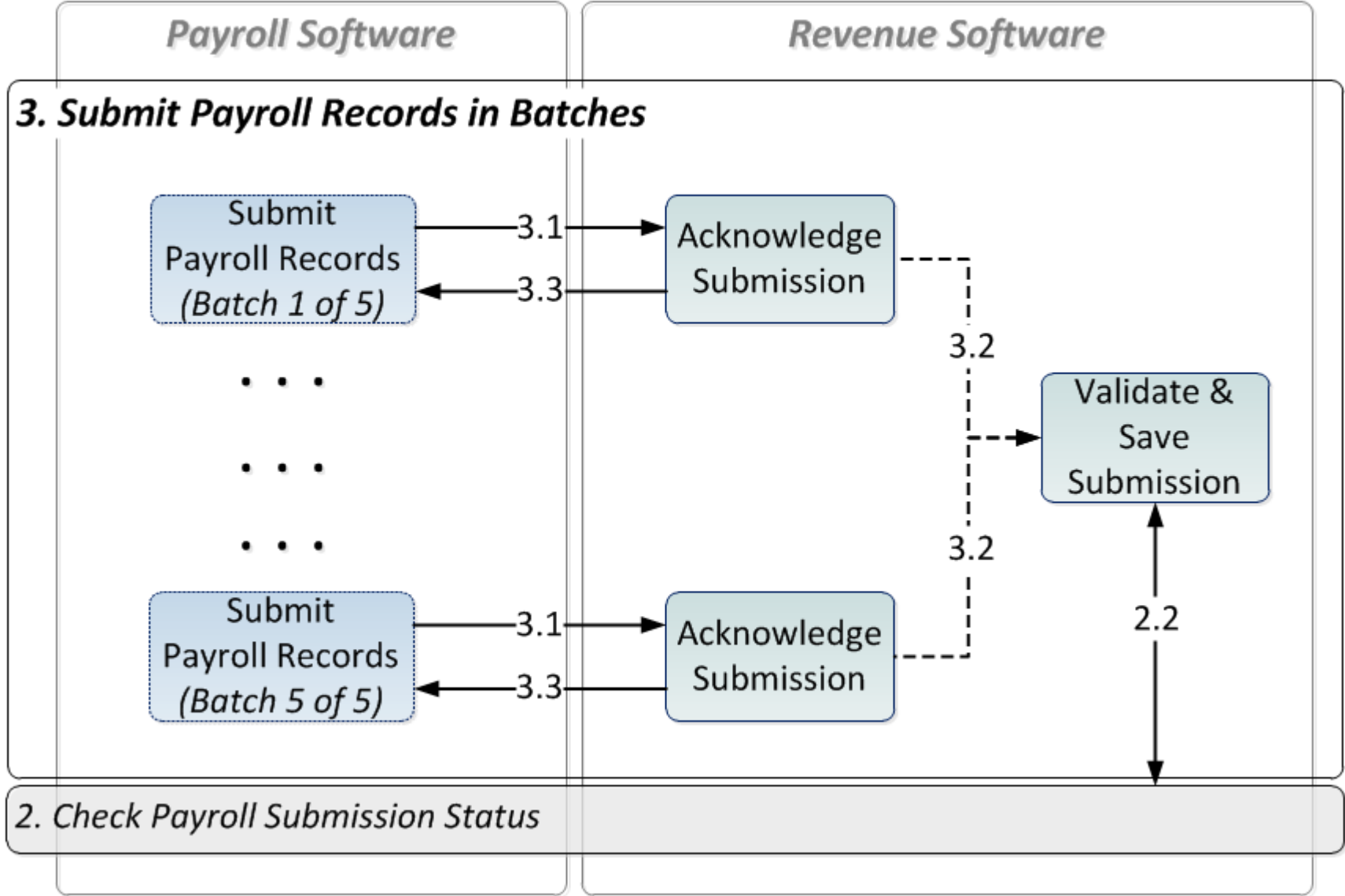
Interface	Detail	Notes
1.1	Submit Payroll Records to Revenue	Request structured as per details in Introduction section.  Submission type set to ' <b>New Submission</b> '.
1.2	Send Submission for Validation	Processed in 'background'
1.3	Send Acknowledgment Response	Possible Outcomes: <ul style="list-style-type: none"><li>• <b>Acknowledged.</b> To include technical reference ID</li><li>• <b>Failed.</b> Possible reasons include Duplicate Submission; Invalid Authentication</li></ul>

# Key Interfaces

## 2. Check Payroll Submission Status

Interface	Detail	Notes
2.1	Submit Payroll Check Request	Poll by: <ul style="list-style-type: none"><li>• Employer Number</li><li>• Submission Message Reference</li></ul> <i>Poll until Success/Failed response received</i>
2.2	Send Submission Validation Query	
2.3	Send Poll Result Response	Response structured as per details in Introduction section

# #2 – Batch Payroll Submission

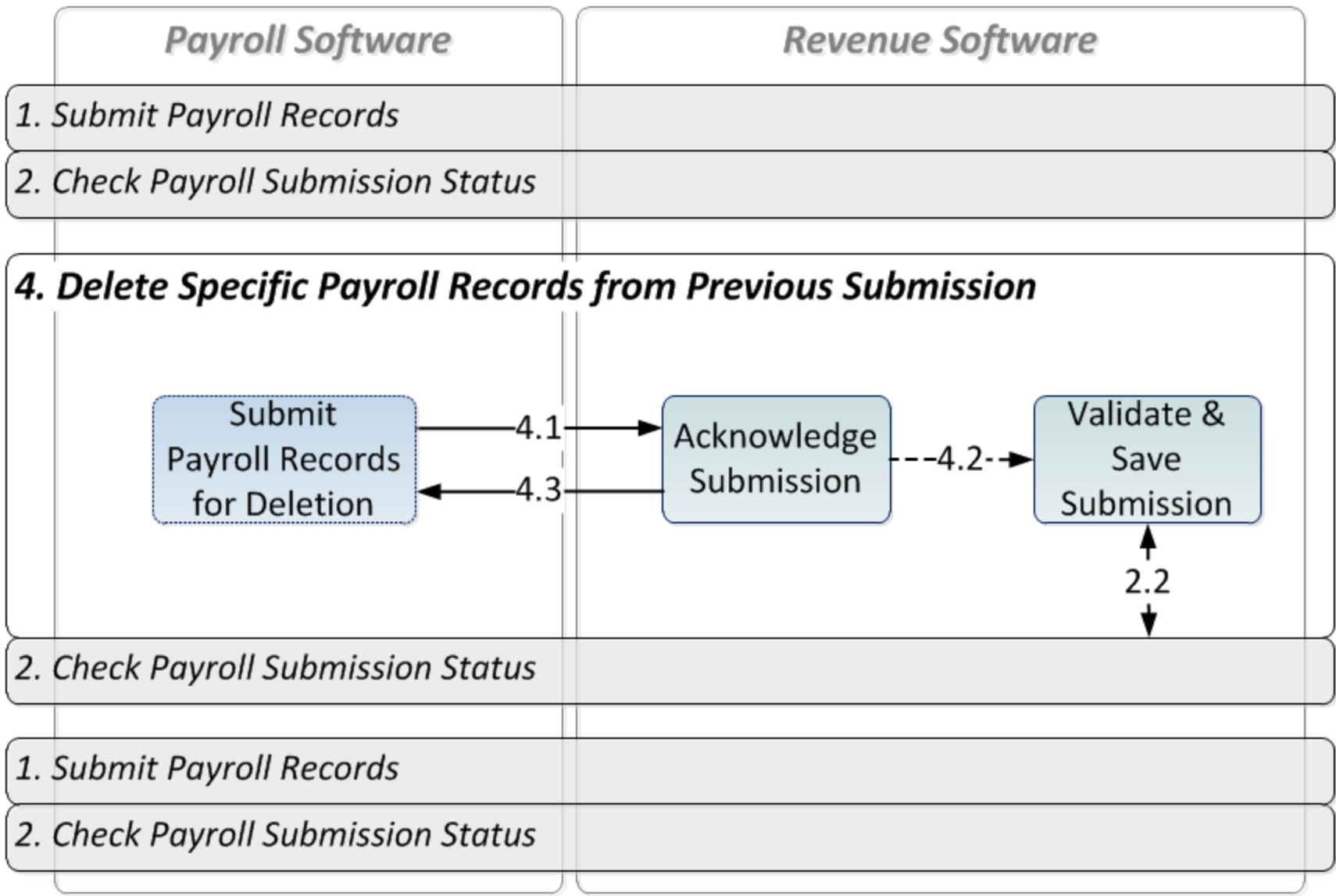


# Key Interfaces

## 3. *Submit Payroll Records in Batches*

Interface	Detail	Notes
3.1	Submit Payroll Records to Revenue  <i>(Batch N of X)</i>	Request structured as per details in Introduction section.  Submission type set to ' <b>New Submission</b> '.  Also, <b>Batch Reference</b> required, including <ul style="list-style-type: none"><li>○ Individual Batch ID</li><li>○ Total No. of Batches in Submission</li></ul>
3.2	Send Submission for Validation	All batches combined for validation & saving
3.3	Send Acknowledgment Response	Possible Outcomes include <b>Acknowledged</b> or <b>Failed</b>

# #3(a) – Payroll Submission Corrections (Option 1)



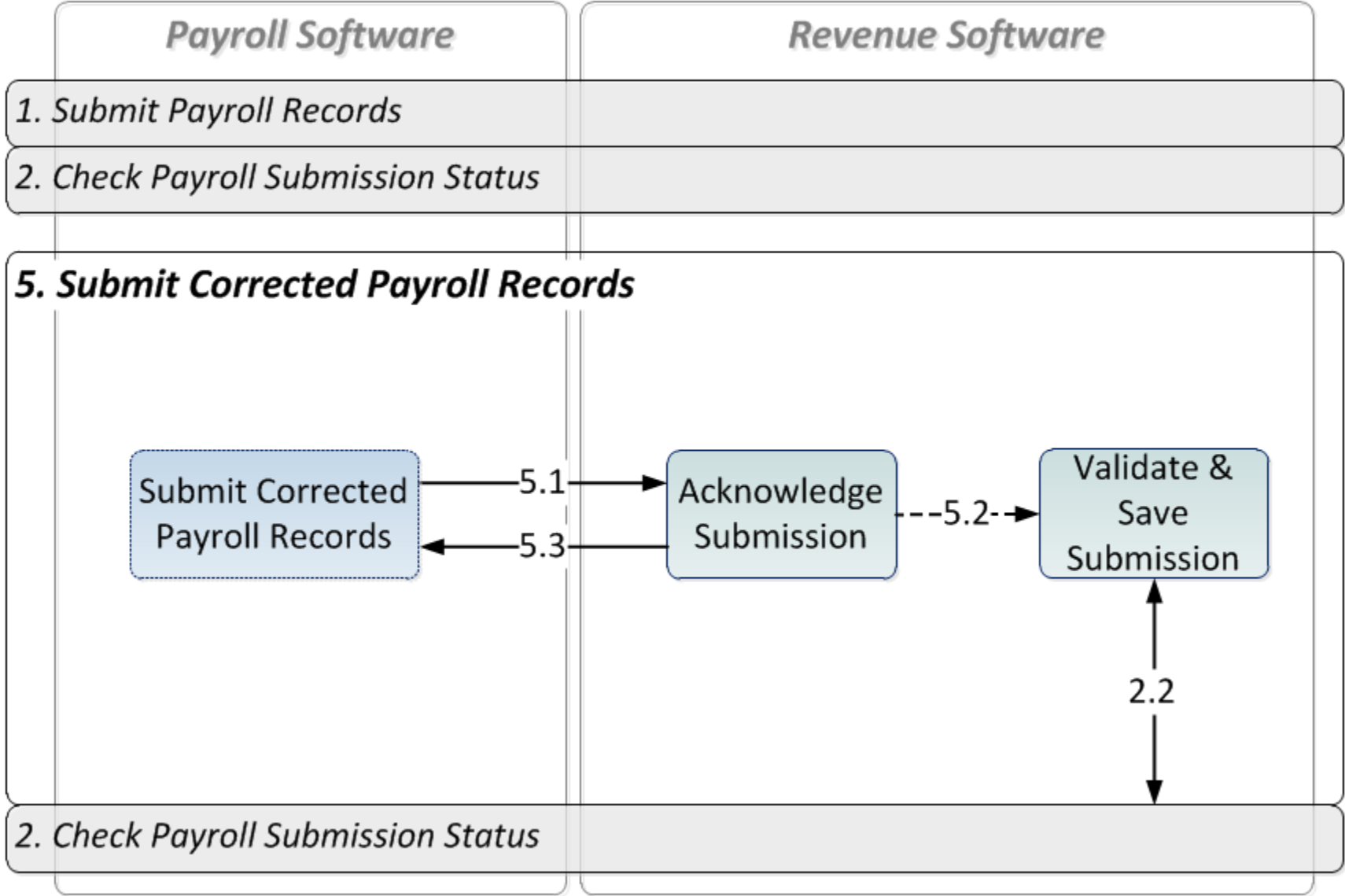


# Key Interfaces

## 4. *Submit Payroll Records for Deletion*

Interface	Detail	Notes
4.1	Submit Payroll Records for Deletion	<p>Submission type set to <b>'Deletion'</b>.</p> <p>Also, the <b><i>Submission Message Reference</i></b> of the Payroll Submission being corrected required (used to 'link' to other submission).</p> <p>Only <b><i>Employee References</i></b> required at line item level (required to 'link' to employee record from other submission)</p>
4.2	Send Submission for Validation	
4.3	Send Acknowledgment Response	Possible Outcomes include <b><i>Acknowledged or Failed</i></b>

# #3(b) – Payroll Submission Corrections (Option 2)

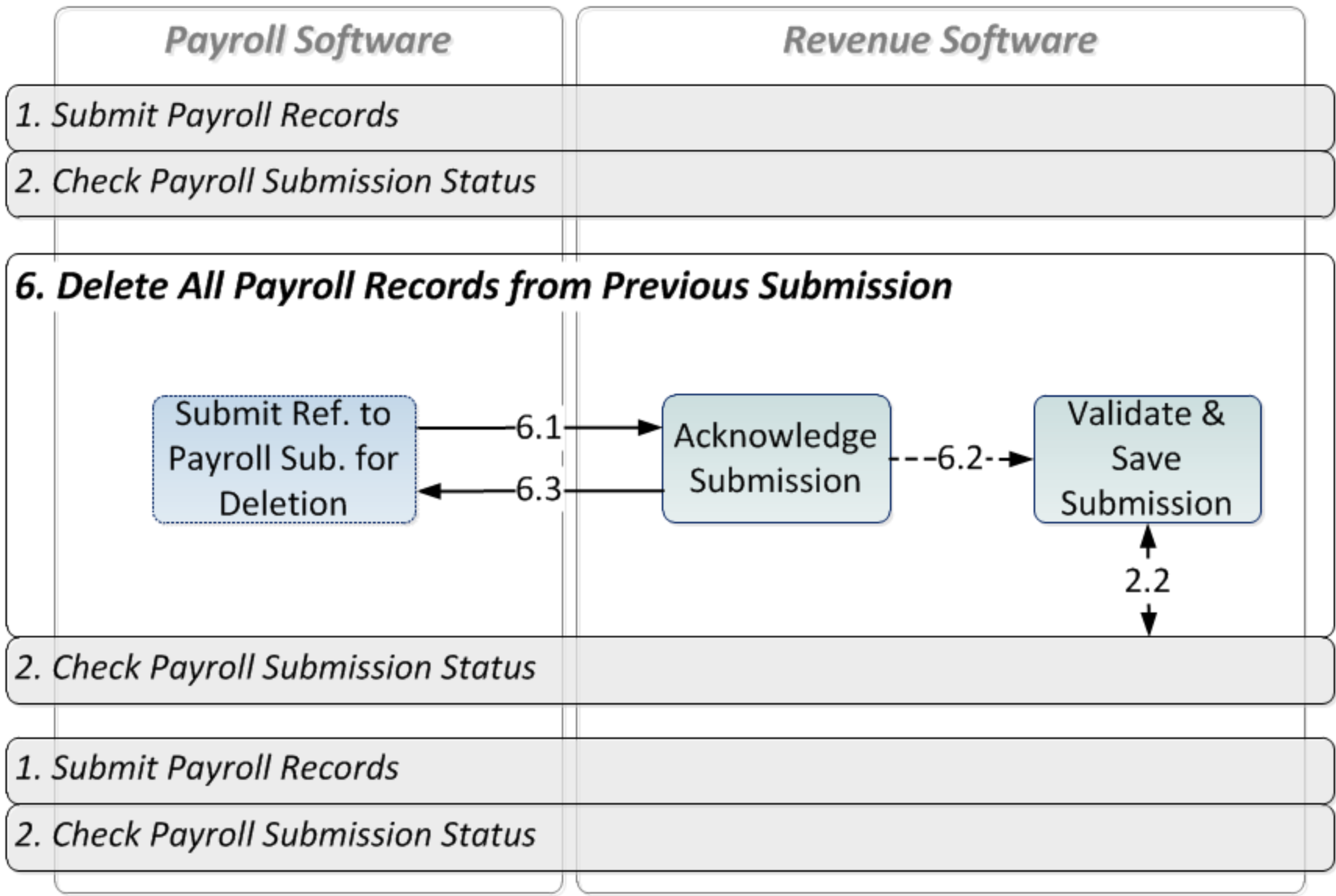


# Key Interfaces

## 5. *Submit Corrected Payroll Records*

Interface	Detail	Notes
5.1	Submit Corrected Payroll Records to Revenue	Submission type set to ' <b>Correction</b> '.  Also, the <b>Submission Message Reference</b> of the Payroll Submission being corrected required (used to 'link' to other submission).  <b>Employee References</b> specified at line item level, in addition to corrected data items.
5.2	Send Submission for Validation	
5.3	Send Acknowledgment Response	Possible Outcomes include <b>Acknowledged</b> or <b>Failed</b>

# #3(c) – Payroll Submission Corrections (Option 3)

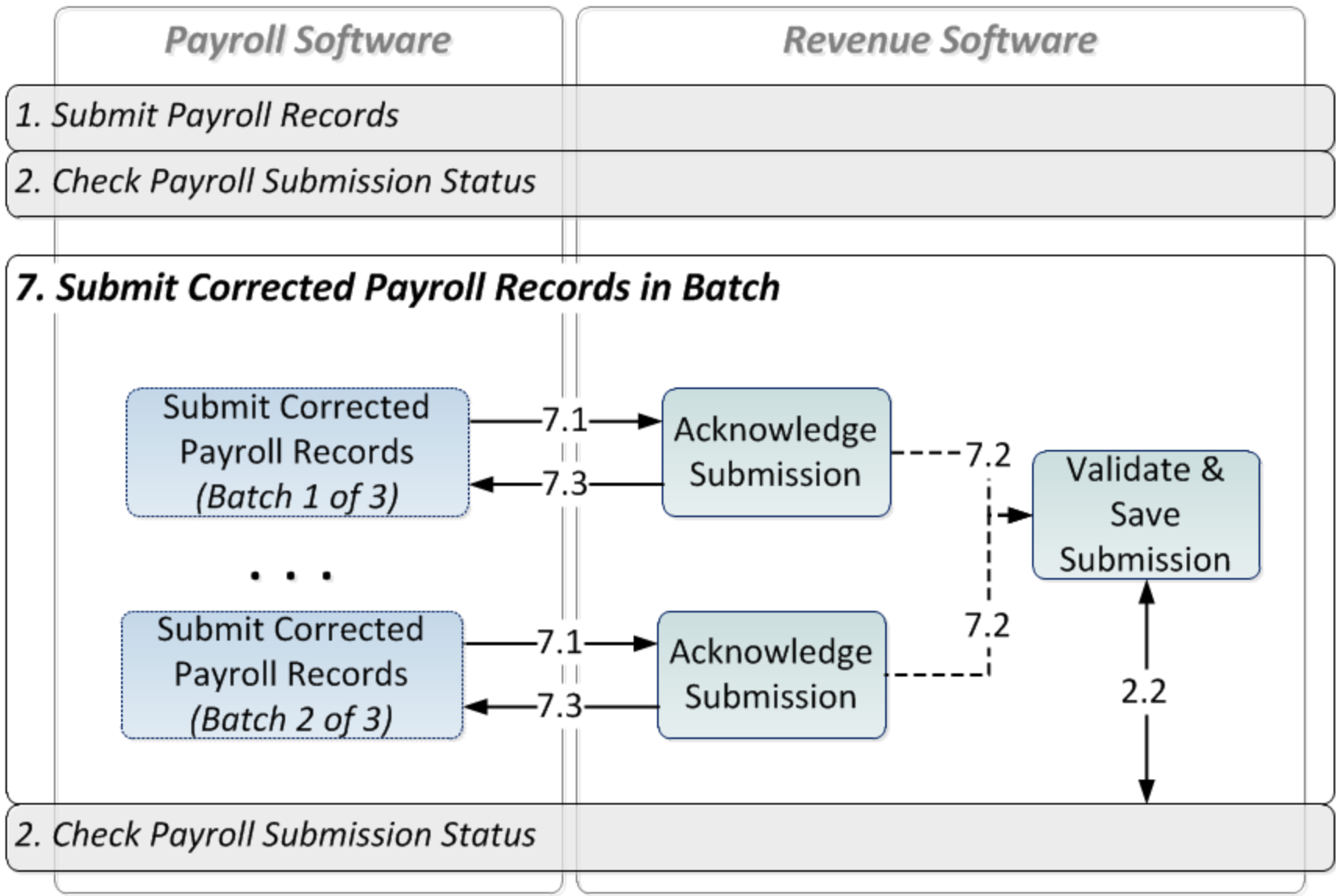


# Key Interfaces

## 6. *Submit Reference to Payroll Submission for Deletion*

Interface	Detail	Notes
6.1	Submit Reference to Payroll Submission for Deletion	Submission type set to ' <b>Deletion</b> '.  Also, the <i><b>Submission Message Reference</b></i> of the Payroll Submission being corrected required (used to 'link' to other submission).  <b>No line items included.</b>
6.2	Send Submission for Validation	
6.3	Send Acknowledgment Response	Possible Outcomes include <i><b>Acknowledged or Failed</b></i>

# #4 – Batch Payroll Submission Corrections (Option 2)



# Key Interfaces

## 7. *Submit Corrected Payroll Records in Batch*

Interface	Detail	Notes
7.1	Submit Corrected Payroll Records to Revenue <i>(Batch N of X)</i>	Request structured as per details in Introduction section & including <b>Batch Reference</b> .  Submission type set to ' <b>Correction</b> '.  Employees identified by employee reference number. No link to original batch location.
7.2	Send Submission for Validation	All batches combined for correction, validation & saving
7.3	Send Acknowledgment Response	Possible Outcomes include <b>Acknowledged</b> or <b>Failed</b> .

# 3. AOB