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**Apriva POS Message Specification**

**XML Interface - Settlement Addendum**

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This document is Apriva POS Message Specification for XML Interface - Settlement Addendum.

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## OVERVIEW

APRIVATalk is the base foundation for APRIVA's gateway solution. The framework that makes up APRIVATalk has full flow control, data integrity, and scalability. APRIVATalk contains multiple layers which can be implemented using different levels of complexity.

The focus of this document will be to enable the developer to begin using the APRIVA POS XML Protocol.

## TRANSACTION TYPES

### Overview

#### Settlement Transactions

Settlement transactions are used to commit the transactions from the day so that funds may be transferred.

<Batch>... </Batch>

## BASE FIELD DEFINITIONS

See AprivaPOS\_XML Master document for general field definitions.

## BATCH MESSAGE SPECIFICATION

### Message Types

The type of the message plus the processing code allows the server to determine what type of transaction the server must process.

Type	Processing Code
Host Capture Settlement	HostCapture
Reports	Report

## Host Capture Settlement

### Description

This settlement request will not reconcile with the terminal. It will take what the server has and process the settlement. It will then return the result of the settlement.

### Request Message

Name	Data Format	Required	Comments
Message Type		M	<i>Request</i>
Version		M	
Processing Code	See above	M	
Stan	Short Number	M	New Stan assigned using standard Stan rules.
Settlement		C	Batch Number may be sent.

### Response Message

Name	Data Format	Required	Comments
Message Type		M	<i>Response</i>
Version		M	
Processing Code	See above	M	
Stan	Short Number	C	
Transaction Time	Text	O	
Transaction Date	Text	O	
Response Code	Short Number	M	
Error Stans	Text	C	If transactions were rejected
Response Text		M	Only Batch Number
Interac Debit		C	Required for Interac Debit.

## Reports

### Request Message

Name	Data Format	Required	Comments
Message Type		M	<i>Request</i>
Version		M	
Processing Code	See above	M	
Report Request		M	
Processor Defined Data		C	

### Response Message

Name	Data Format	Required	Comments
Message Type		M	<i>Response</i>
Version		M	
Processing Code	See above	M	
Detailed Response Data		M	

## ADDITIONAL TAG SPECIFICATION

### Field Definitions

#### Reporting Data

**Description:** This field is used to send data along with a transaction that is not financial in nature. Any supplied fields will be stored with the transaction for reporting purposes and will not be used to determine the success or failure of the transaction.

**Tag Format:** <ReportingData>

#### **Reporting Data 1**

**Description:** This defines optional data to be stored with a transaction

**Sub Tag Format:** <RDetail1>

#### **Reporting Data 2**

**Description:** This defines optional data to be stored with a transaction

**Sub Tag Format:** <RDetail2>

#### **Reporting Data 3**

**Description:** This defines optional data to be stored with a transaction

**Sub Tag Format:** <RDetail3>

#### **Reporting Data 4**

**Description:** This defines optional data to be stored with a transaction

**Sub Tag Format:** <RDetail4>

#### **Reporting Data 5**

**Description:** This defines optional data to be stored with a transaction

**Sub Tag Format:** <RDetail5>

#### Report Request Data

**Description:** This field holds the report request and any information needed to return the report to the terminal.

**Tag Format:** <ReportRequest>

#### **Report Type**

**Description:** This defines which of the two history reports the user would like to retrieve.

**Sub Tag Format:** <ReportType>

#### **Characters Per Line**



**Description:** This defines the Number of characters per line that the device can handle.

**Sub Tag Format:** <CharactersPerLine>

**Report Response Data**

**Description:** This field holds any additional information that needs to be sent to the terminal.

**Tag Format:** <ReportResponse>

**Line Number**

**Description:** Which line of detail it is.

**Attribute:** LineNumber

**Detail**

**Description:** Multiple tags that will define each line as it should appear in order.

**Sub Tag Format:** <Detail LineNumber="1">

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