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| Standard Business Reporting  Australian Taxation Office  Electronic Payment Systems Transactions  EPMTSYSTX.0001 2017 Package v1.1 Contents    Date: 15th March 2018 | | | |
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| attention_pms This document and its attachments are **Unclassified** | direction_pms **For further information or questions, contact the SBR Service Desk at** [SBRServiceDesk@sbr.gov.au](mailto:SBRServiceDesk@sbr.gov.au) **or call 1300 488 231. International callers may use +61-2-6216 5577** | | |
|  |

VERSION CONTROL

| **Version** | **Release date** | **Description of changes** |
| --- | --- | --- |
| 1.1 | 15.03.2018 | This document has been updated for the March EVTE and PROD releases.  **Section 2 Package Contents**  **Updated:** The following artefacts were updatedwith **functional changes**:  *Refer to the artefacts change history for further information.*   * **ATO EPMTSYSTX.0001 2017 Rule Implementation v1.1.zip**   **Section 4 Known issues and future scope**  No new known issues or future scope at time of publication.  **General updates**  Moved prior version control (v1.0) history to Appendix A – Prior Version History |

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# Introduction

## Document purpose

The purpose of this package content note (PCN) is to advise software developers of the package contents for Standard Business Reporting (SBR) Electronic Payment Systems Transactions (EPMTSYSTX) 2017 provided by the Australian Taxation Office (ATO).

## Audience

The audience for this Package Content note is software developers who have or are interested in developing EPMTSYSTX services on SBR ebMS3 platforms.

## Purpose of this package

The purpose of this package is to streamline the way message artefacts are presented to software developers.

All relevant message artefacts that comprise the EPMTSYSTX suite are contained within one zip file. The package will be versioned up each time artefacts are added or updated.

## Summary of artefacts the ATO packages

### In general

For each service, the following artefacts may be released under this package title:

* Message Structure Tables (MSTs),
* Contract schemas
* Rule Implementation (C#) and
* Validation Rules (VRs).

The first PCN released outlines the expected artefacts to be within the package at an end state – as known at that point in time.

As a general rule, each service will have at minimum an MST.

Where a ‘suite’ of like services is packaged, there will be service specific MSTs and VRs packaged to form a bundle of related information.

The basic exception to the above is Income tax Returns. Due to complexity of relationships between parent returns and child schedules each has its own set of documents (MSTs and VRs) yet is packaged together as a ‘suite’.

### Services

The following table shows the services that form the EPMTSYSTX product suite and their relationship to previous service versions:

| **Description** | **Service** | **Change** | **Comments** |
| --- | --- | --- | --- |
| Electronic Payment Systems 2017 | epmtsystx.0001 2017 | New | This service enables third parties to report on the electronic sales of goods and services made by businesses that utilise their facilities in order to collect electronic sales. |

### Interactions

The following table lists the interactions for a given service within this package.

| **Description** | **Interaction** | **Change** | **Comments** |
| --- | --- | --- | --- |
| Electronic Payment Systems 2017 - Lodge | epmtsystx.0001.2017.lodge | New |  |

Detailed information on each service can be found in the Service Registry, along with associated messages.

### Package artefact status description

The table in *Section 2 Package Contents* reflects the status of artefacts in the *Package Status* column and needs to be read in conjunction with the *Comments* column in order to understand the scale of change that may be applicable.

The table below describes the terminology used in the *Package Status* column and the business description of the package status:

| **Package Status** | **Business Description** |
| --- | --- |
| **Pending** | The artefact is currently under development and is expected to be released in a future package. |
| **New** | The artefact is new for the package and has not been published previously. This would usually occur when an artefact has previously been marked as Pending (under development) or a new Government/ATO initiative sees the development of new services/messages to be deployed. |
| **Updated** | The artefact has changed since the last public release for this package. It could occur as a result of refining service/messages due to feedback or defects. |
| **Present** | The artefact is within the package and has had no change from the prior package for this year or a previous/forward year where artefacts cross multiple years. |
| **Removed** | The artefact was within the package in a prior release but has been removed as it is not relevant for the service/suite in question. This could occur due to Government legislation waiting on Royal Assent not being passed or other factors. |

# Package contents

The table below outlines the package contents.

| **Name** | **Document**  **Date** | **Document Status** | **Version** | **Comments** | **Package Status** |
| --- | --- | --- | --- | --- | --- |
| ATO EPMTSYSTX.0001 2017 Message Structure Table.xlsx | 16.11.2017 | Final | 1.0 | No change from prior publication. | Present |
| ATO EPMTSYSTXCLNT.0001 2017 Message Structure Table.xlsx | 16.11.2017 | Final | 1.0 | No change from prior publication. | Present |
| ATO EPMTSYSTX.0001 2017 Contracts.zip | 16.11.2017 | Final | 1.0 | No change from prior publication. | Present |
| ATO EPMTSYSTX.0001 2017 Validation Rules.xlsx | 16.11.2017 | Final | 1.0 | No change from prior publication. | Present |
| ATO EPMTSYSTXCLNT.0001 2017 Validation Rules.xlsx | 16.11.2017 | Final | 1.0 | No change from prior publication. | Present |
| ATO EPMTSYSTX.0001 2017 Rule Implementation.zip | 15.03.2018 | Final | 1.1 | Versioned up to Final with no Functional changes. | Updated |

|  |  |
| --- | --- |
| **Total artefacts in this Package:** | **06** |
| Present artefacts | 05 |
| New artefacts | 00 |
| Updated artefacts | 01 |
| Pending artefacts | 00 |
| Removed artefacts | 00 |

1. C# changes

## Technical changes

The table below outlines the changes made in the C# files where the code has been updated, yet the design artefact have remained the same. Where both the code and design has changed this will be reflected in the individual design artefact (validation rules) maintained in the package, and will not be called out in the table below.

| **Service Action** | **Rule ID** | **Change** | **Previous Rule** | **Previous Message ID** | **New Rule** | **New Message ID** |
| --- | --- | --- | --- | --- | --- | --- |
| Updated | VR.ATO.EPMTSYSTX.000003 | MOD | assertion = (ConvertToDate(1, 7, 2017) <= DateTime.Now.Date && report.EPMTSYSTX45.GetValueOrDefault() > DateTime.Now.Date); | CMN.ATO.EPMTSYSTX.000116 | assertion = (ConvertToDate(1, 7, 2017) <= DateTime.Now.Date && report.EPMTSYSTX45.GetValueOrDefault().Date > DateTime.Now.Date); | N/A |

***Note:*** *Some modifications to Schematron may not always have an impact to the technical rule or response message. There may be instances where the change made impacts to content not captured in this section such as the ‘Rule Type’ e.g.: Crossform to Crossfield, or updates to the ‘English Business Rule’ or the Namespace Prefix version associated to a data element has incremented.*

## Event message changes

| **Service Action** | **Rule ID** | **Change** | **Previous Event Message** | **Previous Message ID** | **New Event Message** | **New Message ID** |
| --- | --- | --- | --- | --- | --- | --- |
| No Changes since last publication. |  |  |  |  |  |  |

1. Known issues and future scope

The following is a list of issues and/or future work to be implemented. There may be impacts to successful development until the issues are resolved or the future scope has been implemented (as an example where a service is deployed over multiple iterations and won’t be complete for some time).

## Issues and incidents

| **Issue**  **#** | **Issue Description** | **Impacted**  **Interactions** | **Incident Number** | **Resolution** | **Proposed**  **EVTE Date** | **Proposed**  **PROD Date** | **Issue Status (Open/**  **Closed)** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| No Known Issue/future scope |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

## Future changes

| **Change**  **#** | **Change Description** | **Impacted**  **Interactions** | **Proposed**  **EVTE Date** | **Proposed**  **PROD Date** | **Change Status (Open/**  **Closed)** |
| --- | --- | --- | --- | --- | --- |
| No future changes at this stage. |  |  |  |  |  |
|  |  |  |  |  |  |

Appendix A – Prior Version History

| **Version** | **Release date** | **Description of changes** |
| --- | --- | --- |
| 1.0 | 16.11.2017 | Final Publication release for 2017 EPMTSYSTX service scheduled for EVTE 16th November 2017.  **Section 2 Package Contents**  **Updated:** The following documents are versioned up to final and updated to align with existing Schema for TFS Task 508213 and there is  **No** **functional changes**:   * **ATO EPMTSYSTX.0001 2017 Message Structure Table.xlsx** * **ATO EPMTSYSTXCLNT.0001 2017 Message Structure Table.xlsx**   The following documents are versioned up to final and there is  **No** **functional changes**:   * **ATO EPMTSYSTX.0001 2017 Contracts.zip** * **ATO EPMTSYSTX.0001 2017 Validation Rules.xlsx** * **ATO EPMTSYSTXCLNT.0001 2017 Validation Rules.xlsx**   **ATO EPMTSYSTX.0001 2017 Rule Implementation v1.0.zip** |
| 0.9 | 17.08.2017 | Draft publication release for 2017 EPMTSYSTX services scheduled for EVTE 17th August 2017.  **Section 2 Package Contents**  **Updated:**  The following artefacts were updated with **functional changes**: Refer to the artefacts change history for further information.   * **ATO EPMTSYSTX.0001 2017 Validation Rules.xlsx** *Changed 6 technical business rules to allow white spaces to be entered in the Country Name* * **ATO EPMTSYSTXCLNT.0001 2017 Validation Rules.xlsx**   *Changed 4 technical business rules to allow white spaces to be entered in the Country Name.*   * **ATO EPMTSYSTX.0001 2017 Rule Implementation v0.4.zip** *Modified code to allow white spaces in the validator.*   **Present:**  Artefacts.   * **ATO EPMTSYSTX.0001 2017 Message Structure Table.xlsx** * **ATO EPMTSYSTXCLNT.0001 2017 Message Structure Table.xlsx**   **ATO EPMTSYSX.0001 2017 Contracts.zip** |
| 0.8 | 13.06.2017 | Draft publication release for 2017 EPMTSYSTX services scheduled for EVTE 13th June 2017.  **Section 2 Package Contents**  **Updated:**  The following artefacts were updated with **functional changes**: Refer to the artefacts change history for further information.   * **ATO EPMTSYSTX.0001 2017 Validation Rules.xlsx** *Changed 2 technical business rules to allow submission time stamp to be after the reporting start date.* * **ATO EPMTSYSTX 2017 Rule Implementation v0.3.zip** *Changed C# code to reflect the above rule changes.*   **Present:**  Artefacts.   * **ATO EPMTSYSTX.0001 2017 Message Structure Table.xlsx** * **ATO EPMTSYSTXCLNT.0001 2017 Message Structure Table.xlsx** * **Contracts.zip** * **ATO EPMTSYSTXCLNT.0001 2017 Validation Rules.xlsx**   **Section 3.1 Technical changes**  Added the two rules affected and changed in the Validation Rules. |
| 0.7 | 18.05.2017 | Draft publication release for 2017 EPMTSYSTX services scheduled for EVTE 18th May 2017.  **Section 2 Package Contents**  **Updated:**  The following artefacts were updated with **functional changes**: Refer to the artefacts change history for further information.   * **ATO EPMTSYSTX.0001 2017 Message Structure Table.xlsx** *Changed data type to string and added in a pattern for the Reporting party branch number.* *Reordered the Contexts in the CST.* * **ATO EPMTSYSTXCLNT.0001 2017 Message Structure Table.xlsx** *Reordered the Contexts in the CST.* * **Contracts.zip** *Changed the schemas to align with the updated MST changes.* * **ATO EPMTSYSTX 2017 Rule Implementation v0.2.zip** *Changed C# code to reference child location in crossform rules.*   **Present:**  Artefacts.   * **ATO EPMTSYSTX.0001 2017 Validation Rules.xlsx** * **ATO EPMTSYSTXCLNT.0001 2017 Validation Rules.xlsx**   **Removed:**  Artefacts.  **ATO EPMTSYSTX.0001 2017 Message Repository.xml** |
| 0.6 | 16.03.2017 | Draft publication release for 2017 EPMTSYSTX services scheduled for EVTE 16th March 2017.  **Section 2.1 Service Package Contents**  **Updated:**  The following artefacts were updated with **functional changes**: Refer to the artefacts change history for further information.   * **ATO EPMTSYSTX.0001 2017 Message Structure Table.xlsx** *Changed two contexts from optional to mandatory.* * **ATO EPMTSYSTXCLNT.0001 2017 Message Structure Table.xlsx** *Changed a Namespace Prefix and a Datatype.* * **ATO EPMTSYSTX.0001 2017 Contract.zip** *Changed the schemas to align with the updated MST changes.* * **ATO EPMTSYSTX.0001 2017 Validation Rules.xlsx** *7x updated rules.* * **ATO EPMTSYSTXCLNT.0001 2017 Validation Rules.xlsx** *4x updated rules.*   **Present:**  Artefacts.  **ATO EPMTSYSTX.0001 2017 Message Repository.xml**  **New:**  The following artefacts were included with **functional changes**: Refer to the artefacts change history for further information.   * **ATO EPMTSYSTX 2017 Rule Implementation v0.1.zip** *Rule implementation .zip includes:*   + *EPMTSYSTX; Electronic Payment Systems Transactions*   *EPMTSYSTXCLNT; Electronic Payment Systems Transactions Client* |
| 0.5 | 24.11.2016 | This document has been updated for the November EVTE Release.  **Section 2 Package contents**  **New:**  The following artefacts were updated with **functional changes**:  Refer to the artefacts change history for further information.   * **ATO EPMTSYSTX.0001 2017 Validation Rules** * **ATO EPMTSYSTXCLNT.0001 2017 Validation Rules** * **ATO EPMTSYSTX.0001 2017 Message Repository** * **ATO EPMTSYSTXCLNT.0001 2017 Message Repository**   **Note:** *All new artefacts added* |
| 0.4 | 27.10.2016 | This document has been updated for the October EVTE Release.  **Section 2 Package contents**  **Updated:**  The following artefacts were updated with **functional changes**:  Refer to the artefacts change history for further information.   * **ATO EPMTSYSTX.0001 2017 Contract**   **Note:** *Recently it was communicated to software developers on the 18/10/2016 that the Message Structure Table (MST) and the Schema (.xsd) did not align. This package resolves this issue.* |
| 0.3 | 13.10.2016 | This document has been updated for the October EVTE Release.  **Section 2 Package contents**  **Updated:**  The following artefacts were updated with **functional changes**:  Refer to the artefacts change history for further information.   * **ATO EPMTSYSTX.0001 2017 Message Structure Table.xlsx** * **ATO EPMTSYSTXCLNT.0001 2017 Message Structure Table.xlsx** * **ATO EPMTSYSTX.0001 2017 Contract**   Refer to section 2 of this document for a description of the change relevant to an artefact.  **Removed:**   * **ATO EPMTSYSTX.0001 2017 Message Implementation Guide.docx**   **Note:** *From September 2016 the Message Implementation Guide/s (MIGs) will not be produced and will be replaced by the ATO Service Registry which is published under the ATO Common information artefacts section on all ATO pages on sbr.gov.au.*  **Section 3 Schematron Changes**  **Note:** *The Validation Rules for EPMTSYSTX are currently being implemented in C#, this is a new technology the ATO is implementing, and the content for this change will be provided in a later release* |
| 0.2 | 23.06.2016 | This document has been updated for the June EVTE Release.  **Section 1.4.2 New services**  Updated description of;  “… enables Financial Banking Institutions to report third party data on the electronic sales of goods and services …”  to;  “… enables third parties to report on the electronic sales of goods and services …”  **Section 1.4.3 New messages associated with services (child relationship)**  Updated description of;  “… enables Financial Banking Institutions to report third party data on the electronic sales of goods and services …”  to;  “… enables third parties to report on the electronic sales of goods and services …”  **Section 2 Package contents**  **Updated:**  The following artefacts were updated with **functional changes**:  Refer to the artefacts change history for further information.   * **ATO EPMTSYSTX.0001 2017 Message Implementation Guide.docx** * **ATO EPMTSYSTXCLNT.0001 2017 Message Structure Table.xlsx** * **ATO EPMTSYSTX.0001 2017 Contract**   **Section 4 Known issues and future scope**  Updated to include known issues, and future scope.  **New:**  Country Code fields are currently restricted to enumerated values as per AS4590 standard |
| 0.1 | 02.06.2016 | Initial release for EPMTSYSTX 2017 incorporating ‘**New**’ artefacts. ‘**Pending'** artefacts have a scheduled date outlined in the commentary in Section 2 of this document.  **Note:** *‘****New****’ artefacts are draft for consultation ‘****Pending****’ dates of artefacts are indicative only and subject to change.*  **New:**   * **ATO EPMTSYSTX.0001 2017 Message Implementation Guide.docx** * **ATO EPMTSYSTX.0001 2017 Message Structure Table.xlsx** * **ATO EPMTSYSTXCLNT.0001 2017 Message Structure Table.xlsx** * **ATO EPMTSYSTX.0001 2017 Contract**   **Pending:**   * **ATO EPMTSYSTX.0001 2017 Schematron.zip** * **ATO EPMTSYSTX.0001 2017 Validation Rules.xlsx**   **ATO EPMTSYSTXCLNT.0001 2017 Validation Rules.xlsx** |