Inland Revenue
Te Tari Taake

Inland Revenue

# Build Pack: Transaction Data Services Overview and Transition

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Contents

# 1    Overview

Inland Revenue has a suite of digital services available for consumption by our partners that support efficient, electronic business interactions with Inland Revenue. Gateway Services is a suite of these that are mostly SOAP-based (Simple Object Access Protocol) web services and also include file transfer and API services. Transaction Data Services (TDS) is a business service described in this build pack that consists of various technical services, which in turn rely on parts of the Gateway Services suite.

This document is provided to Software Providers to support their use of Transaction Data Services (TDS). It

- provides an high level business overview of TDS to enable an understanding of the service being offered
- describes the data being made available through the services
- describes the permission model

In addition, it provides information about transitioning from Tax Agent Web Services (TAWS) to Transaction Data Services. For current users of TAWS it includes some information about data conversion from FIRST to START; and how that data will appear in TDS to enable a reconciliation of data already held against data newly received.

This document is part of the suite of build packs that Software Providers need for implementing interfaces between their software and Inland Revenue TDS.   It is to be read in conjunction with other TDS Build Packs for each available service.  These contain the technical detail required to support the end-to-end use of Inland Revenue's various Transaction Data Services.

Other Gateway Services are available and have their own build pack documentation.

## 1.1  Solution Overview

Transaction Data Services (TDS) is a business service that consists of various technical services, which in turn rely on parts of the Gateway Services suite.

TDS provides Inland Revenue Customer financial transaction data for consumption by software packages.  In turn these packages present that data to their users.

Financial transaction data includes amounts assessed and associated credits or debits.  There is no data sent associated with the details of how an assessment has been calculated.

TDS will provide data for tax types in Inland Revenue's new system - START – only.  TAWS will continue to provide data during the transition period for those tax types managed in Inland Revenue's existing system - FIRST.

The following diagram explains the layers of TDS and the actual services offered:
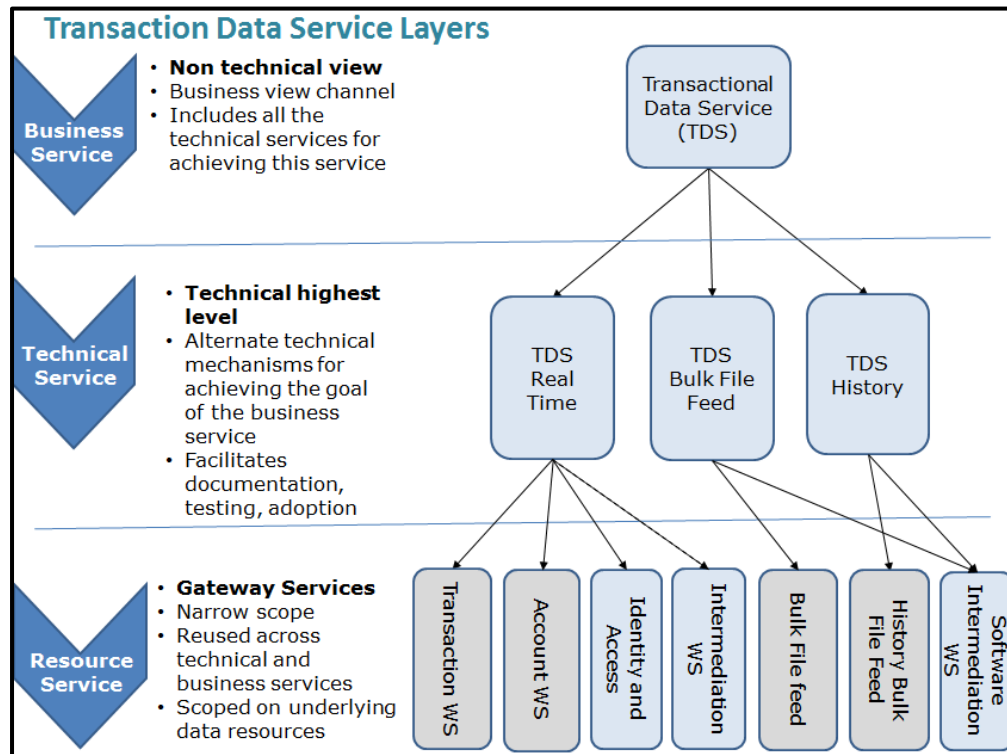
**Figure 1. Transaction Data Services Layers**

## 1.2 This solution

The following diagram outlines the sources and targets for Transaction data during the transition phase from Inland Revenue's FIRST system to the new START system and from TAWS to TDS:
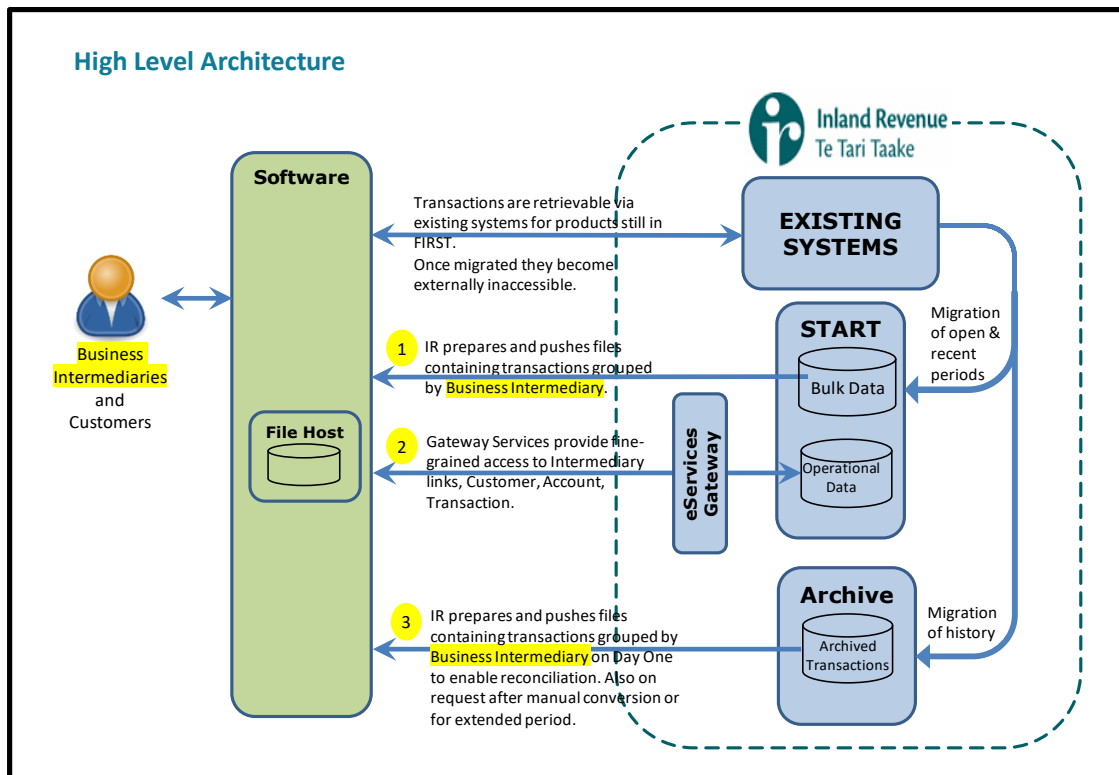


**Figure 2. High Level Architecture**

The service consists of the following three related business services shown above:

| Technical Service | Description |
|---|---|
| 1. Bulk File Feed of Transaction Data | The Bulk File Feed is an overnight file feed that pushes new transaction data to Business Intermediaries or Customers via the Software Providers whose software they rely on.<br><br>It caters for the high volumes of transaction data Inland Revenue makes visible to authorised parties. |
| 2. Real Time Feed of Transaction Data | The Real Time Feed gives access to transaction data to Business Intermediaries or Customers via web services.<br><br>It caters for real time queries that need additional information to the bulk file feed or need an urgent update related to a change event.<br><br>It is not intended for use without the bulk file feed except by parties with small datasets to query. |
| 3. History Feed of Transaction Data | The History Feed is primarily a one-off SFTP file providing seven years of history data for all Business Intermediaries and Customers included in the History Bulk File at Day One.<br><br>It will also be produced for a Customer when a Business Intermediaries first links to them or when that Customer first links to the Software Provider through Software Intermediation.<br><br>This data provides access to the original transaction history from the Inland Revenue FIRST system and allows for:<br><br>• the update of any transactions not received through TAWS<br><br>• the reconciliation of converted transactions with previously held transactions.<br><br>The History transactions will contain the START Transaction ID to which the transaction has been converted. |

Table 1.        Business Services in TDS

## 1.3 Intended Audience

The solution outlined in this document is for Software Providers who wish to provide access to Transaction Data Services through their software or currently provide access to TAWS through their software and wish to transition their Clients to TDS.

## 1.4 Fundamental concepts - interacting parties in TDS

This section gives an overview of the type of consumer system TDS is designed for, and the roles utilised in interactions with TDS.

For detail on the nature and structure of data exchanged please see Section 0 below.

| Entity in interaction | Description |
|---|---|
| **Business Intermediary** | A Business Intermediary is an individual or organisation that interacts with Inland Revenue on behalf of other individuals or organisations.  Intermediaries are generally of a particular type such as:<br>• Payroll Intermediary<br>• Payroll Bureau<br>• Bookkeeper<br>• Tax Agent |
| **Customer** | TDS provides transaction data associated with Inland Revenue Customers.<br><br>A Customer includes citizens and entities that have tax and/or social policy obligations and/or entitlements in New Zealand. This includes all Customers registered with Inland Revenue, either individuals or non-individuals.<br><br>A Customer may interact with Inland Revenue:<br>• using their own software application<br>• as a client of a Business Intermediary such as a Tax Agent<br>• as a client of a Software Provider<br>• or they may be a combination of the above<br><br>Customer data is grouped under Accounts where each Account has an account type – correlating with a tax type, eg GST, INC. In this documentation, unless otherwise stated, the term Customer does not refer to the consuming software. See the definition of System Customer Record below for the broader usage of the term Customer.<br><br>The term Customer is also used as shorthand when referring to an individual user logging in that is associated to a Customer. Such a user has to have permissions delegated to look at the Customer data, as explained in the Delegation section of this document. |
| **Gateway Services** | Software level or B2B integration between Inland Revenue and its new systems happens through the Inland Revenue Gateway Services (GWS). These are largely SOAP web services but also include other APIs and file transfers.<br><br>In the case of TDS, it includes file transfers to an SFTP host site set up by the Software Provider during onboarding.<br><br>Some TDS related Gateway services are used more broadly than just by TDS and are not branded TDS. |

| Entity in interaction | Description |
|---|---|
| History | Transaction data is inherently all historical. However, in the context of TDS History, this refers to data in the format used in TAWS which was previously available. This data may still be of value to some Software Providers that consume TDS. |
| Intermediation | Intermediation is the process of linking a Business Intermediary with an individual or organisation to enable that Intermediary to act on behalf of for tax purposes.<br>The actual web service is Intermediation, but this is also referred to as Client Intermediation. |
| System Customer Record | System Customer Records in Inland Revenue serve a broader purpose than the above definition of Customer.  This includes:<br><br>• System Customer Records for potential Inland Revenue Customers – as defined above. There are circumstances where such System Customer Records exist within Inland Revenue systems and there are no tax or social policy obligations and/or entitlements (yet) and therefore potentially no IRD number allocated; however this is rare.<br>• Software Providers/Platforms, for the purposes of TDS or other gateway services, will be created as System Customer Records and will then be allocated a Customer ID to use as the provider/platform ID (of type CST/Customer ID). There will be no filing obligations associated with this ID and therefore no IRD number. |
| myIR Logon - Inland Revenue Online Services Account | Inland Revenue through myIR portal allows Inland Revenue Customers (tax entities) and Business Intermediaries to delegate permissions to specific users through web logons. These same logon accounts are used to interact with TDS. Throughout this document these logon accounts will be referred to as myIR Logons. |
| Software Intermediation | The Software Intermediation service provides the ability for Software Providers to link to their Customers and Business Intermediary Client Lists in order to receive the bulk feed of their transaction data. The Software Intermediation service allows these links to be established, queried, or removed. |
| Software Platform | To interact with TDS the Software Provider needs to register a software platform with Inland Revenue through an onboarding process.  For more information on the Onboarding process, refer to the **Getting started guide** on IR's **Software providers** page on www.ird.govt.nz |
| Software Provider | Software Provider in the TDS context is a broad concept referring to any party who goes through the process of onboarding their software platform with Inland Revenue. |

| Entity in interaction | Description |
|---|---|
| Transaction Data Services | TDS allows Business Intermediaries and Customers access to Customer data through two access paths; one to access data via Tax Agent delegation, and another to access data in a more direct way without relying on Tax Agent linking (Direct Customer). |
| | TDS provides data primarily through a daily bulk file feed – TDS bulk feed service. The Bulk Feed service will only provide the data to a Software Platform that has been linked to the related Business Intermediary Client List or Customer Accounts to enable access their transaction data. |
| | This linking is referred to as Software Intermediation. |

**Table 2.     Fundamental Concepts in TDS**
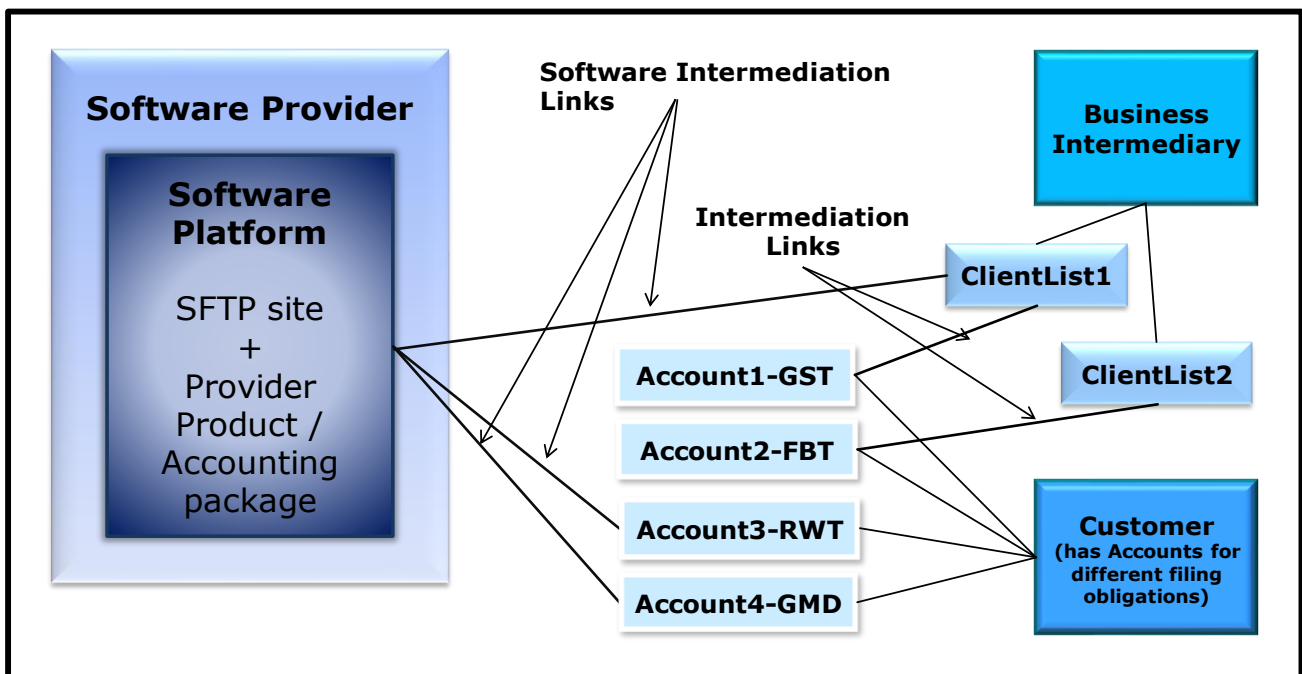


**Figure 3. TDS key relationships**

The Software Platform and its users together establish links to the parties for whom tax data is to be retrieved. There needs to be a path of links from the Software Platform to the relevant customer accounts to get transaction data for those Customer accounts. This can be done through two pathways that work slightly differently:

1. A software platform can be linked to a Business Intermediary's Client List and will then get all the data for the customers' accounts for that Client List. The intention is that permissions are then applied in the software platform to select what is visible to specific individuals.

2. Customer data where the Customer itself is looking at the data at the Customer account level. Again, permissions need to then be applied in a consistent manner inside the software platform as to which individuals have which level of access.

For either pathway the person/user establishing the link with the software platform needs to have delegated permission, through a myIR Logon, to do so by being set up as an owner or administrator for that party.

Parties consuming TDS through software onboarded with Inland Revenue are referred to as Software Providers in this document. This term is used in a broad generic sense: they might be software vendors or developers, an integrator customising software or owners of the software.

A Software Provider can have multiple Software Platforms and any such software platform that is registered and onboarded with Inland Revenue is referred to as a Software Platform and consists typically of both an SFTP site and an application to process and display the data to users.

Each software platform has at least one version and further versions may be added over time.
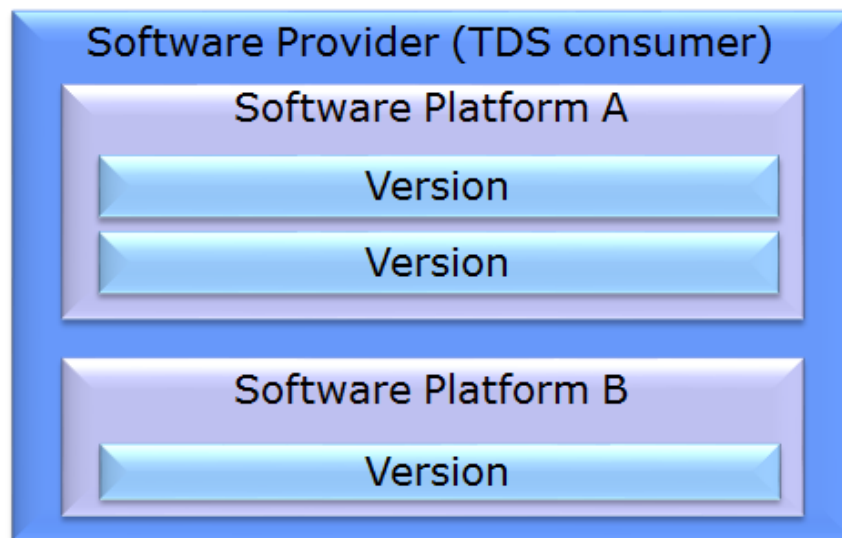


**Figure 4. Software Platforms**

## 1.5 Related Documents

The following table lists the documents supporting the TDS solution:

| Name | Description |
|---|---|
| TDS – Overview and Transition | This document - Describes the service components at a high level and provides an overview of the data available through TDS. Also contains information about how the component services that make up the TDS solution interact with each other. |
| TDS Bulk File Feed | Describes the technical requirements and specifications, processes and sample payloads for the TDS Bulk File Feed. |
| TDS Real Time Build Pack | Details the technical requirements and specifications, processes and sample payloads for the TDS Real Time Service. |
| TDS Bulk File History Build Pack | Details the technical requirements and specifications, processes and sample payloads for the TDS Bulk File History Service. |
| Identity and Access Build Pack | Details the Authentication and Authorisation mechanisms used by Inland Revenue for Gateway Services. |
| Software Intermediation Build Pack | Details the technical requirements and specifications for the linking of Business Intermediary Client Lists/Customers to Software Providers to enable these links to be used by the Bulk File Feed and Bulk file History Service. |
| Intermediation Build Pack | Details the technical requirements and specifications querying the links between Business Intermediaries and Clients to enable these links to be used by the TDS Real Time queries. |

**Table 3.      Related Documents Descriptions**


*Note: Build Packs are available on the website here:*

TDS Build Packs

# 2    Data

## 2.1 Data Model

This section describes how the data in Inland Revenue's START system is structured.  The diagram below provides an high level view of the model and the following table contains explanations.
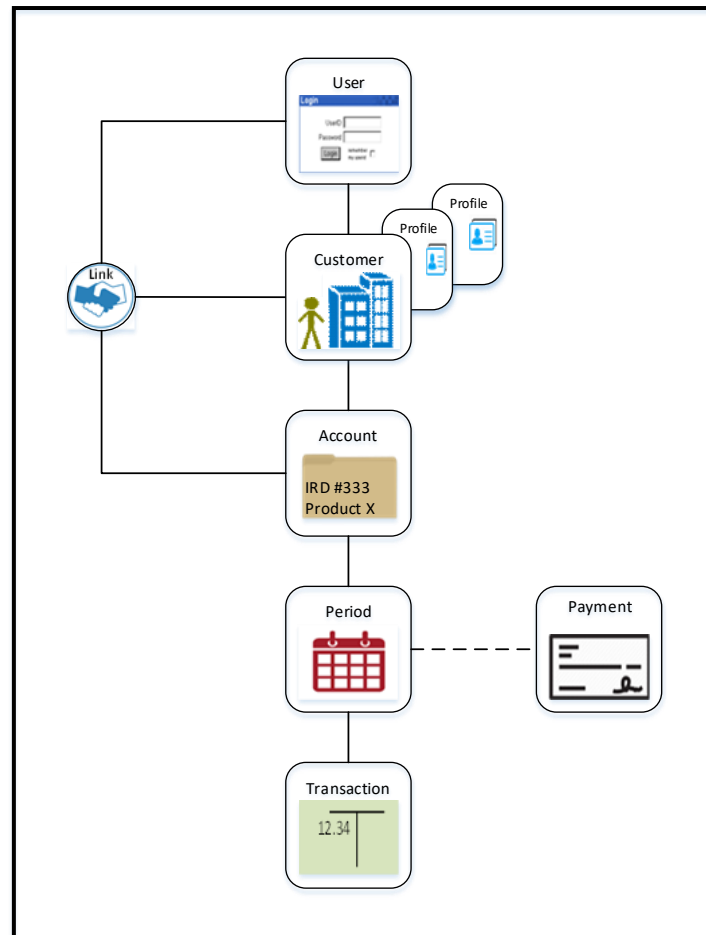


**Figure 5. High Level representation of Data Model**

| Entity | Description |
|---|---|
| **Customer** | In the context of providing Transaction data, Customer refers to an individual or entity with tax and/or social policy obligations and/or entitlements. <br><br> A Customer record must exist in order for any of the other entities to be present. <br><br> A Customer is a person or an organisation which: <ul><li>Has an IRD Number (or only a Customer Number if they have no filing obligations)</li><li>May have associated User Logons, but not necessarily</li><li>May have many Accounts, but not necessarily</li><li>May be linked to other Customers by a variety of types of relationships</li><li>May have many profiles</li></ul> |

| Entity | Description |
|---|---|
| **Profile** | A Profile is a particular instance of a Customer, often a branch or location e.g. a large corporate could have a Head Office as the Customer and each branch can be a Profile. Each Profile can have separate IRD Numbers and Accounts (e.g. for GST and FBT) and they will only be able to view the data for their Accounts.<br><br>A Business Intermediary can be linked to an account type for a profile but not be linked to the Customer i.e. Customer A has INC, GST, FBT **and** Customer B (Subsidiary of Customer A) has GST and FBT accounts **and** the Business Intermediary is linked to Customer B accounts only. |
| **User** | In Inland Revenue Systems this is an actual person who has a myIR Logon. It is owned by one Customer (or Business Intermediary) but can be Linked to Accounts belonging to other Customers.<br><br>A User cannot exist without a System Customer record.<br><br>In a software provider platform a user there might not necessarily have an Inland Revenue myIR logon, the provider might have their own user and permission management. |
| **Account** | This is a ledger with an Account ID which is the IRD Number plus Account Type.<br><br>Unlike FIRST a Customer might have many Accounts for a product/tax type – e.g. large corporate with many profiles. The old notion of multiple Locations is implemented as Profiles which are groupings of Accounts.<br><br>Users can be linked to Accounts e.g. a Business Intermediary linked to INC only for a Customer. |
| **Link** | Links allow Business Intermediaries to act on behalf of the Customer. The Intermediary must be "linked to" the Customer's account(s).<br><br>Delegating access associates Users with Customers, Profiles and Accounts, or with Business Intermediary. |
| **Periods** | Transactions are partitioned by period. Different accounts have different periods e.g. INC has an 12 month period, GST can have 2 months, 6 months, etc. |
| **Transactions** | An individual activity recorded with a unique identifier on a specific day, relating to a specific Transaction Type with a specific Amount and Effective date. |
| **Payments** | Payments can be Pending, Suspended, Locked or applied to a period. While pending or suspended (i.e. received but not yet created as a transaction in a period), payments do not appear as Transactions in the Accounts.<br><br>Locked payments occur when a payment has been applied to a period where there is no assessment. The payment is locked to ensure it cannot be applied against another outstanding amount. |

**Table 4.        Data Entity Descriptions**

Note: Data Scenarios showing periods, transactions and payments are available on the website here:

Data Scenarios

## 2.2 Data Items available through TDS

The following data items will be available as transactions through TDS:

| Attribute | Description | Data Type | Length |
|---|---|---|---|
| **Account** | | | |
| **IRD Number** | Standard IRD Number – always 8 or 9 digits i.e. 8 digits can be padded | String | 8/9 |
| **Account Type** | The type of Account – e.g. GST, INC | String | 3 |
| **Profile Number** | This allows for multiple 'locations' for one IRD Number ie subsidiary locations for one entity eg 001,002,003 | String | 3 |
| **Account ID** | The Identifier of the Account<br><br>IRD number, appended with account type and profile number | String | 30 |
| **Filing Frequency** | The filing frequency for the Account | Char | 8 |
| **Commence** | Commencement Date of the Account | Date | 8 |
| **Cease** | Cessation Date of Account | Date | 8 |
| **Balance** | The Balance for the account in total | Currency | 8 |
| **Forecasted Balance** | The Balance for the Account including the forecasted amounts as explained below | Currency | 8 |
| **MaxActivity** | The last date/Time of Activity on Account | DateTime | 8 |
| **Migration** | The last date that data was converted into this Account.  (Only included in History file) | DateTime | 8 |
| **Period** | | | |
| ***The Period Summary data in each weekly file where there has been no change*** | | | |
| **Period \*** | The filing period of the Account – usually the last day of the period | Date | 8 |
| **Filing Frequency** | The filing frequency for the Account/period | Char | 8 |
| **Period Begin** | The first day of the period | Date | 8 |
| **Period End** | The last day of the period | Date | 8 |
| **Filing Period** | Same as Period End – last day of period | Date | 8 |
| **Tax** | The amount assessed | Currency | 8 |

| Attribute | Description | Data Type | Length |
|---|---|---|---|
| **Penalty** | The amount of Penalty applied | Currency | 8 |
| **Penalty Forecasted** | In the Bulk File this is the amount of **additional** Penalty forecasted for the Period since the time of the last posted Penalty transaction, as at the date the file was created plus 1 day.  This is to cater for an overnight file being created to show the amount which needs to be paid if it is paid the next day when the file data is available to Business Intermediaries and Customers.<br><br>In the Real Time Query this is the **additional** amount of Penalty forecasted for the Period for the date of the request, since the time of the last posted Penalty transaction. | Currency | 8 |
| **Interest** | The amount of interest applied | Currency | 8 |
| **Interest forecasted** | In the Bulk File this is the amount of **additional** Interest forecasted for the Period since the time of the last posted Penalty transaction, as at the date the file was created plus 1 day.  This is to cater for an overnight file being created to show the amount which needs to be paid if it is paid the next day when the file data is available to Business Intermediaries and Customers.<br><br>In the Real Time Query this is the **additional** amount of Interest forecasted for the Period for the date of the request, since the time of the last posted Interest transaction. | Currency | 8 |
| **Other** | Amounts other than penalty, interest, payments or credit transfers in that have been applied to this period e.g. remission, write off or credit transfer out | Currency | 8 |
| **Other forecasted** | In the Bulk File this is the amount of **additional** Other forecasted for the Period since the time of the last posted Penalty transaction, as at the date the file was created plus 1 day.  This is to cater for an overnight file being created to show the amount which needs to be paid if it is paid the next day when the file data is available to Business Intermediaries and Customers.<br><br>In the Real Time Query this is the **additional** amount of Other forecasted for the Period for the date of the request, since | Currency | 8 |

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| Attribute | Description | Data Type | Length |
|---|---|---|---|
| | the time of the last posted Other transaction. | | |
| **Credit** | Payments or credit transfers in which have been made for this period | Currency | 8 |
| **Credit forecasted** | In the Bulk File this is the amount of **additional** Credit forecasted for the Period since the time of the last posted Penalty transaction, as at the date the file was created plus 1 day.  This is to cater for an overnight file being created to show the amount which needs to be paid if it is paid the next day when the file data is available to <mark>Business Intermediaries</mark> and Customers.<br><br>In the Real Time Query this is the **additional** amount of Credit forecasted for the Period for the date of the request, since the time of the last posted Credit transaction. | Currency | 8 |
| **Balance \*** | The Balance for the period | Currency | 8 |
| **Forecasted Balance** | The Balance for the Period including the forecasted amounts | Currency | 8 |
| **Max Period Activity \*** | This is the last date/time of activity on the account.  To ascertain if there have been any further transactions since the last set of data, compare the current Activity date to the Activity date in the last set of data received for the same period | DateTime | 8 |
| **Bank Account Transactions – for Direct Credits** | | | |
| **Transaction ID** | Transaction ID of the Refund which used this Bank Account | String | 30 |
| **NZ Bank Standard - *See [Appendix E](#) for other Bank Standards*** | | | |
| **Bank Number** | The Bank where the Account is held | Char | 2 |
| **Branch Number** | The branch number of the bank | String | 4 |
| **Account Number** | Number of the bank account | String | 8 |
| **Account Number Suffix** | Suffix to the bank account number | String | 4 |
| **Pending Payment** | | | |
| **Payment ID** | The unique identifier for the payment | String | 30 |

| Attribute | Description | Data Type | Length |
|---|---|---|---|
| **Pending Amount** | The amount of the payment | Currency | 8 |
| **Pending Date** | The date the payment was made pending | Date | 8 |
| **Transfer** | | | |
| **Transaction ID** | The unique identifier for the transaction in the current list of transactions | String | 30 |
| **Transfer Account ID (Other Account ID)** | The IRD Number for the Account to which the amount was applied or from which it was received. | String | 8/9 |
| **Transfer Account Type (Other Account Type)** | The Account Type for the Account to which the amount was applied or from which it was received. | String | 3 |
| **Transfer Period** | The period for that Account to which the amount has been applied – Period above | Date | 8 |
| **Bill – Transactions are organised by Bill – each with a different due date** | | | |
| **Bill ID** | The Bill Number internally | String | 30 |
| **Bill ID for Display** | The externally displayed Bill Number which is likely to be a single digit – starts as 1 and increases for each Bill within a Period | String | 3 |
| **Bill Due Date** | The due date for the Bill | Date | 8 |
| **Tax** | The amount assessed | Currency | 8 |
| **Penalty** | The amount of Penalty applied | Currency | 8 |
| **Penalty Forecasted** | In the Bulk File this is the amount of **additional** Penalty forecasted for this Bill since the time of the last posted Penalty transaction, as at the date the file was created plus 1 day.  This is to cater for an overnight file being created to show the amount which needs to be paid if it is paid the next day when the file data is available to Business Intermediaries and Customers.<br><br>In the Real Time Query this is the **additional** amount of Penalty forecasted for the Bill for the date of the request, since the time of the last posted Penalty transaction. | Currency | 8 |
| **Interest** | The amount of interest applied | Currency | 8 |

| Attribute | Description | Data Type | Length |
|---|---|---|---|
| **Interest forecasted** | In the Bulk File this is the amount of **additional** Interest forecasted for this Bill since the time of the last posted Penalty transaction, as at the date the file was created plus 1 day.  This is to cater for an overnight file being created to show the amount which needs to be paid if it is paid the next day when the file data is available to <mark>Business Intermediaries</mark> and Customers.<br><br>In the Real Time Query this is the **additional** amount of Interest forecasted for the Bill for the date of the request, since the time of the last posted Interest transaction. | Currency | 8 |
| **Other** | Amounts other than penalty, interest, payments or credit transfers in that have been applied to this period e.g. remission, write off or credit transfer out | Currency | 8 |
| **Other Forecasted** | In the Bulk File this is the amount of **additional** Other forecasted for this Bill since the time of the last posted Penalty transaction, as at the date the file was created plus 1 day.  This is to cater for an overnight file being created to show the amount which needs to be paid if it is paid the next day when the file data is available to <mark>Business Intermediaries</mark> and Customers.<br><br>In the Real Time Query this is the **additional** amount of Other forecasted for the Bill for the date of the request, since the time of the last posted Other transaction. | Currency | 8 |
| **Bill Credit** | The amounts paid towards the Bill | Currency | 8 |
| **Credit forecasted** | In the Bulk File this is the amount of **additional** Credit forecasted for this Bill since the time of the last posted Penalty transaction, as at the date the file was created plus 1 day.  This is to cater for an overnight file being created to show the amount which needs to be paid if it is paid the next day when the file data is available to <mark>Business Intermediaries</mark> and Customers.<br><br>In the Real Time Query this is the **additional** amount of Credit forecasted for the Bill for the date of the request, since the time of the last posted Credit transaction. | Currency | 8 |

| Attribute | Description | Data Type | Length |
|---|---|---|---|
| **Bill Balance** | The Balance due on the Bill | Currency | 8 |
| **Forecasted Balance** | The Balance for the Bill including the forecasted amounts | Currency | 8 |
| **Transaction - Organised by Bill Number** | | | |
| **Amount** | The amount of the transaction | Currency | 8 |
| **Transaction ID** | The unique identifier for the transaction | String | 30 |
| **Trans Type** | The code for the Type of Transaction | String | 12 |
| **Posted Date** | The Posted Date for this transaction | DateTime | 8 |
| **Effective Date** | The Effective Date for this transaction | Date | 8 |
| **Link ID** | The unique identifier for a linked transaction e.g. a transaction which has been reversed by this transaction.<br><br>In the History File this is called newtxid as it represents the new transaction id to which the converted transactions have been aggregated.<br><br>Note: In the History file in some cases (like old closed periods, or zero amounts, or superseded transactions) there will be no equivalent transactions created during migration and therefore no newTxID present here. | String | 30 |
| **Retrieve Date** | Each file in the Bulk File Feed will contain a Retrieve Date which is the date of the data it contains.   The forecasted amounts will always forecast an additional day, ie being the Retrieve date + 1.<br><br>In essence the Bulk Feed extraction process will always ensure the forecasted penalties and interest will be for the day for which the file is delivered.<br><br>Each Real Time Request will also contain a Retrieve Date which will be the date of the request and forecasted amounts will be for that date. | | |

**Table 5.        Data available through TDS**

### 2.3 Additional Information Available

| File Description | Details |
|---|---|
| **Software Intermediation links File** | File included with each file set that includes both of:<br><br>• Which <mark>Business Intermediary</mark> Client Lists are linked to this Software Provider Platform<br><br>• Which Customer Accounts are linked directly to this Software Provider Platform |
| **Intermediation Link File** | File included with each file set that includes:<br><br>Which Customer accounts (accounts of clients of a <mark>Business Intermediary</mark>) are linked to the Tax Agent (that are linked to the Software Provider through Software Intermediation links) |

**Table 6.        Additional data available through TDS**

Notes:

- Not every field is available in every service.  Check the build pack for each service to clarify the data provided with each feed.

## 2.4  Accounts

**In START since April 2017**

| FIRST Tax Type | START Account Type | Description | Notes | Amount of data available |
|---|---|---|---|---|
| **GST** | GST | Goods and Services tax | Already in START and will be made visible in Transaction Services.<br><br>GST will have only one return assessment transaction other than reassessments. | All periods ending<br><br>30-Apr-2014 and onwards and prior periods which were still open at the time of conversion |
|  | GSD | GST on Goods sold in satisfaction of debt | GSD can have multiple assessment transactions from the same return type as each return can capture a separate transaction.<br><br>Therefore a period can have multiple 'Return debit' transactions. | All periods ending<br><br>28-Feb-2017 and onwards |

**Being migrated to START or commencing in START as of April 2018**

| FIRST Tax Type | START Account Type | Description | Notes | Amount of data available |
|---|---|---|---|---|
| **DWT** | DWT | Dividend withholding tax | Only one return assessment transaction other than reassessments. | All periods ending<br><br>30-Apr-2015 and onwards<br><br>and prior periods which were still open at the time of conversion |
| **RWT** | RWT | Resident Withholding Tax | Withholding tax, which can have an annual reconciliation assessment and other regular assessments which can occur in the same period. The normal periodic return will create a 'Return debit' or 'Return Credit' transaction. The annual reconciliation return will post 'Annual return debit' or 'Annual return credit'. |  |
| **NRT** | NRT | Non-Resident Withholding Tax |  |  |
| **IPS** | IPS | RWT deductions on interest |  |  |
| **RLT** | RLT | Resident Land Withholding Tax (RLWT) | Multiple assessment transactions from the same return type. This is because each return can capture a separate transaction.<br><br>Therefore, a period can have multiple 'Return debit' transactions. |  |

| FIRST Tax Type | START Account Type | Description | Notes | Amount of data available |
|---|---|---|---|---|
| **AIL** | AIL | Approved issuer levy | Only one return assessment transaction other than reassessments. | All periods ending 30-Apr-2015 and onwards and prior periods which were still open at the time of conversion |
| **FBT** **FBA** **FBI** | FBT | Fringe Benefit Tax FBA – Annual FBI–Income Year | Migrating as FBT and will have 3 assessment codes and the possibility of two assessments in one period. The normal quarterly return will have 'Return debit' or 'Return credit'. The annual return will have 'Annual return debit' or 'Annual return credit' The income year return will have 'Income year return debit' or 'Income year return credit' | All periods ending 30-Apr-2015 and onwards and prior periods which were still open at the time of conversion |
| **GMD** | GMD | Gaming machine duty Problem Gambling Levy – PGL GST on PGL | Only one return assessment transaction other than reassessments. | All periods ending 30-Apr-2015 and onwards and prior periods which were still open at the time of conversion |
| **PIE** | PIE | Portfolio investment entity tax | Only one return assessment transaction other than reassessments. | |
| | MPO (also known as BPA) | Multi Payment Option | A new Account Type, which is entered through myIR. A schedule is uploaded with the payment and an MPO Account is created for the record of the payment and the distribution. When credited to the individual accounts there will be an MPO Payment Type code and description associated with the transaction. | No data will be migrated. This account will start from a point in time. |

**Being migrated to START or commencing in START as of April 2019**

Note: The following Account Types will be available in TDS as of April 2019, however it is possible that the transactional design may be refined as we progress through testing.

| FIRST Tax Type | START Account Type | Description | Notes | Amount of data available |
|---|---|---|---|---|
| **INC** **ICA** **MAC** | INC | Income Tax Imputation Credit Account Maori Authority Credit Account | ICA and MAC transactions will be in the INC account in START. This includes transactions for converted INC accounts | All periods ending 31-Mar-2015 and onwards and prior periods which were still open at the time of conversion |
| **FAM** | FAM | Working for Families Tax Credits | New Credit Entitlement transactions will appear in the FAM account; these are weekly or fortnightly and are refunded to the customer. The end of year square up assessment transaction includes FAM entitlements from both IR and MSD. | All periods ending 30-Apr-2015 and onwards and prior periods which were still open at the time of conversion |
| **REB** | REB | Tax credits – donations, childcare, housekeeper | | All periods ending 30-Apr-2015 and onwards and prior periods which were still open at the time of conversion |
| | TPA | Tax Pooling | Payment and deposit offset transactions will be available in TDS. | The remaining credits existing at the time of conversion, will be converted over with their amounts and effective dates |

<p align="center">**Table 7.     Accounts available in START**</p>

### 2.4.1 Transition Data Availability

In general, Tax Types in FIRST will become Account Types in START. However, in START some FIRST Tax Types have been amalgamated e.g. FBT, FBA and FBI.

Current Accounts will become available through TDS as they are migrated to Inland Revenue's START system. Prior to inclusion in TDS, Tax Types remaining in FIRST will continue to be available through the Tax Agent Web Service.

Once the data is available through TDS it will no longer be available through the Tax Agent Web Service.

## 2.5 Business Rules and Interpretation of Transaction Data

With the transition to the new Inland Revenue system there are some particular conditions which will be managed in a different manner than the current system and which need to be taken into consideration.

Note that sections 2.5.2.4, and 2.5.10 through to 2.5.14 inclusive reflect the Release 3 design as at the time the sections were added to the document. However, it is possible that changes to the design could be identified as being required as testing progresses.

### 2.5.1  Transfer Transactions

Technical constraints mean that destination/source information for Transfers between FIRST and START will not be available immediately through TDS.

Where a transfer has occurred within START, TDS will provide IRD Number, Account, Period and Transaction ID. Where a transfer has occurred from START to FIRST or from FIRST to START, TDS will provide the same data but there may be a delay in providing the Period Data. Specifically, we will show FIRST to START transfers as soon as they are posted into a START account. A transfer will trigger a credit into the START period, which would be immediately reflected in the bulk feed that night. For transfers from START to FIRST there may be a delay of at least 24 hours and possibly 48 hours before the Period will be shown in the Bulk File or Real Time Feed.

See Appendix F for a list of Transaction Codes and Descriptions which may be used in transfers between FIRST and START.

### 2.5.2  Multiple Assessment Transactions

#### 2.5.2.1  Audit Assessment for GST

For April 2017 to April 2018 GST audit assessments will have their own separate Assessment transaction. This means it will be possible to have an actual assessment and an audit assessment in the same return period. In FIRST the old assessment would reverse, and a new assessment would be applied.

From April 2018 an Audit Assessment for all Accounts in START (including GST) will reverse and replace the existing assessment (unless it is an increased debit in which case the Audit Assessment will be for the difference between the original assessment and the audit assessment).

#### 2.5.2.2  FBT Assessments

FBT, FBA and FBI Tax Types have been consolidated into one Account Type in START – FBT. There will be three assessment Transaction Type Codes with the possibility of two assessments in one period.

#### 2.5.2.3  Withholding Tax

RWT, NRT and IPS Withholding Taxes can have an annual reconciliation assessment and other regular assessments that can occur in the same period. The normal periodic return will create a 'Return debit' or 'Return Credit' transaction. The annual reconciliation return will post 'Annual return debit' or 'Annual return credit'.

RLT (or Resident land Withholding Tax – RLWT) can have multiple assessment transactions from the same return type. This is because each return can capture a separate transaction. Therefore, a period can have multiple 'Return debit' transactions.

### 2.5.2.4    Provisional Tax Assessments

At the time of conversion there will be a separate transaction for each instalment of provisional tax due for a return period including converted return periods; each will have its own Bill with a due date.

When the return is later posted to the customer's account another Bill is created to facilitate payment of any terminal tax to pay.  Where there is no terminal tax to pay, that Bill will still be created but it will be for an amount of zero.

### 2.5.3  Bill

A bill is a series of transactions due on specific date, including the liability owing and any penalties and interest calculated.  A period can be divided into a number of bill items to enable correct calculation of penalties for the due date of the bill.  TDS will record against most transactions the bill to which it relates and will also provide Bill reconciliations for each Period.

The Bill number is a 30-digit string and in addition, for TDS a Bill ID for display is sent as well.  The Bill ID for Display will be in the form 001, 002, 003 etc.

Transactions relating to a Bill will be listed together in all TDS files.

There are circumstances when a transaction does not have a Bill Number and these transactions will be listed after the Bill detail.  Such circumstances are:

- Transfer in
- Payment
- Converted payments
- Converted transfers
- Converted credit interest
- Return credit assessment for GST for periods prior to 1 May 2018 (including prior to April 2017).  After Release 2 in April 2018 (for all periods ending after 30 April 2018) these transactions will have a Bill Number.  Prior transactions will remain without a Bill Number.

### 2.5.4  GST Credit Assessments

For GST Periods ending prior to 1 May 2018 where there is a credit assessment it will show as Credit rather than Assessment AND each credit (which is an assessment) will have a corresponding debit for $0.00 recorded.   For periods from Release 2 (April 2018) a credit assessment will show as an Assessment transaction in the Bill and there will be no Debit transaction for $0.00 recorded.  See Appendix C for Transaction Codes.

### 2.5.5  Pending payments

A payment may not be automatically applied to the period to which it relates until there is an assessment against which that payment can be recorded. This means payments are not always recorded as transactions until after the assessment transaction is processed.  For the time from receipt to the assessment being recorded as a transaction the payment is classed as Pending. TDS will record any such payments in a period each time transactions are sent for that period.

### 2.5.6  Direct Credit Account

Direct Credit account is the Bank Account Number used for any direct credits for the Period. The Transaction ID for the refund will be included with the Bank Account details to which the refund was paid.

### 2.5.7 Rounding

Any penalty and interest calculation provided has been calculated using "bankers" or "Gaussian" rounding.

### 2.5.8 Transaction Items not sent in TAWS

In the Tax Agent Web Service when a return period is in Account Review or has an Account Halt in place no data is available. This will not apply in TDS. In addition where this data is present in FIRST at the time of conversion it could be converted into START and may require manual reconciliation when sent as part of TDS as it may not have been received before.

### 2.5.9 Filtering of Inactive Transactions

Previously some transactions were filtered as inactive in certain types of Tax Agent Web Service requests for data. In TDS, all posted transactions (i.e. everything START considers a transaction) will be sent through TDS. This includes all Reversals. Some of these transactions may require manual reconciliation.

### 2.5.10 New START Account Type for Tax Pooling

Tax Pooling transactions will be available in TDS under a new START account type "TPA".

### 2.5.11 Tax Types no longer available from 1st April 2019

There are three historic tax types that are not being converted to START; QCT, WPN and WPE. Data for these tax types will not be available via TDS.

### 2.5.12 Late Filing Penalty

As of 1st April 2019, where a Late Filing Penalty is reassessed to a larger amount, the penalty transaction will be reversed and reposted as occurs currently. A new Bill with a new due date will be created for the *total* amount of the penalty.

### 2.5.13 Working for Families Tax Credits (WfFTC)

#### 2.5.13.1    Weekly or Fortnightly Entitlements

At the time of conversion an entitlement credit transaction will appear in the FAM period with a corresponding disbursement transaction which will leave the account with a zero balance.

This includes converted years that have not had an end of year calculation.

#### 2.5.13.2    End of Year Calculation

Any FAM credit that remains after offsetting the corresponding INC liability will be disbursed from the FAM account (and vice versa for any INC credit after offsetting any corresponding FAM liability).

### 2.5.14 Imputation Credit Account (ICA) and Maori Authority Credit Account (MAC)

From 1st April 2019 ICA and MAC transactions will be in the INC account in START. This includes transactions for converted INC accounts.

## 2.6 START Transaction Codes

A full list of START Transaction Codes is included in Appendix C of this document.

## 2.7 Data Integrity

Inland Revenue will be providing all transaction data through TDS for the Account Types identified above and will make every effort to ensure it is accurate, timely, consistent and complete. Inland Revenue will be transparent about their activity with Customers and will ensure Software Providers, Business Intermediaries and Customers are provided with the most up to date and accurate data possible.

All TDS bulk data will be sent from a copy of Inland Revenue data made every evening. Therefore, any Bulk File data will be from close of business the previous day.

Despite best efforts, inconsistencies can arise from time to time between the data held by the Software Provider/Business Intermediary/Customer and Inland Revenue's master data set. Detecting and resolving inconsistencies is critical to the integrity of TDS.

Several mechanisms exist to assist in doing this:
- To check that all data held by Inland Revenue for a period has been received by the Software Provider compare the Activity date in the current set of data for the period to the Activity date in the last set of data received for the same period. Note: The Period Summary also includes the Period Balance that is a secondary check. If a discrepancy has been detected a query should be made to the Real Time Feed for this Client, Account, Period to retrieve the latest data and reconcile.
- As a convenience, TDS Account Summaries includes the migration date for that tax type as an additional attribute in the History File. This date means the Tax Agent Web Service stopped operating for that Tax Type on that date, and TDS started. All data through the History Service will be for transactions before that date, all data from the TDS Bulk Feed and Real Time web services will have Process Dates after that date.
- For each Tax Agent Web Service transaction that was converted into START the corresponding new Transaction ID used in the new system and TDS Feeds will be provided in the Bulk History File as a nested new TXID element. These represent the same historical transaction in a different format but should be able to be reconciled.
- For Real Time calls if Inland Revenue detects errors in the request, such as invalid IRD numbers; this will be reported back to the requestor. In this case the query should be retried using the correct data. The error codes are defined in the build packs for those services. If the Requestor does not receive any response to a request, it is RECOMMENDED that the request be re-tried.
- When business processing error conditions are detected by Inland Revenue e.g. error in SFTP of ZIP files, Inland Revenue will contact the parties concerned. If a file fails to send IR, will make contact. The available business condition status codes and the recommended action to be taken in each case are defined in the build pack for the Bulk File.
- In general if an anomaly is found please notify Inland Revenue through normal channels.

### 2.7.1 Channel Consistency

It is possible for a Client of a Business Intermediary to query their own tax information and come up with seemingly 'different' data. This can occur when there is a time gap between the night time generation of the Bulk File sent each day and the myIR query which may expose transactions not present at the time the Bulk File was generated. Activity in the intervening time period could provide inconsistency.

*Note: The Transaction Types visible in myIR are a combination of multiple START Transaction Types and do not have the level of detail present in TDS Transaction Types.*

| START Transaction Code | START Description | myIR Description |
|---|---|---|
| **CNVTXC** | Converted return credit | Assessment |
| **CNVTXD** | Converted return debit | Assessment |
| **RTNANC** | Annual return credit | Assessment |
| **RTNAND** | Annual return debit | Assessment |
| **RTNCRD** | Return credit | Assessment |
| **RTNINC** | Income year return credit | Assessment |
| **RTNIND** | Income year return debit | Assessment |
| **RTNORI** | Return debit | Assessment |

**Table 8.    START and myIR Transaction Codes**

## 2.8 Data Scenarios

Data Scenarios showing periods, transactions and payments are available on the website here:

Data Scenarios

Note that the Release 3 scenarios reflect the Release 3 design as at the time they were included in this document.  However, it is possible that changes to the design could be identified as being required as testing progresses.

- Late Payment Penalties
- OUM Over Time
- Reassessment
- Default Assessment
- Transfer
- Writeoff
- TPA
- AIM with penalty and interest
- REB
- Remission
- Payment
- FBT
- GSD
- RWT
- DWT
- Multiple prov tax assessments
- FAM

## 2.9 Data Conversion to START

The conversion of Inland Revenue data can cause some differences between the Tax Agent Web Service and TDS data. Potentially significant differences are identified below.

### 2.9.1 Penalty transactions

The initial 1% late payment penalty, initial 4% late payment penalty and the monthly incremental late payment penalties have been combined into one 'converted penalty' transaction. This transaction will have a Transaction Type CNVPNL Converted penalty. Penalty remissions have been combined into one 'converted penalty remission' transaction. This transaction will have a Transaction Type CNVRPN Converted penalty remission. The Bulk History File will reflect this by identifying the START Transaction ID in which these amounts have been aggregated.

### 2.9.2 Increased debit reassessments

Where a period being converted contains more than one assessment and the later assessment is for an increased amount, the conversion of the increased assessment will not include a reversal of the first assessment and will include another assessment of the difference between the two amounts. This allows for different due dates for each amount. The FIRST assessment and reassessment transaction will both have a START Transaction Type RTNORI Return debit. This will not be an automatic match for data previously retrieved through Tax Agent Web Service.

### 2.9.3 Unique transaction identifier

The sequential transaction numbering used in the TAWS has been replaced with a unique identifier in START that will not be sequential. Software Providers may have used this sequential numbering to check they are not missing any data from Inland Revenue. Inland Revenue cannot accommodate this within TDS.

TDS is offering a different mechanism for checking for missing transactions where each period summary will include the process date and time of the last transaction in the Account. The date/time can be checked against the last period summary to verify it has not changed. Period summary details will be provided in the weekly Bulk File Feed.

At the time of conversion any aggregated transactions will, in the History Transactions Service, contain the unique transaction ID of the START transaction in which they have been aggregated. This will allow Software Providers to support reconciliation between the Tax Agent Web Service data and TDS data.

### 2.9.4 Conversion Scenarios

Conversion Scenarios are available on the website here:

Conversion Scenarios

# 3  Overall typical sequence of events

Transaction Data Services provides data for an overall business process that is controlled by the Software Provider software and the user of that software, rather than Inland Revenue.

A very simplified overall sequence of typical events is described below for the TDS Bulk Feed, History Bulk Feed and the Real Time Service.

## 3.1 High level typical bulk feed sequence

The overall sequence is described below:
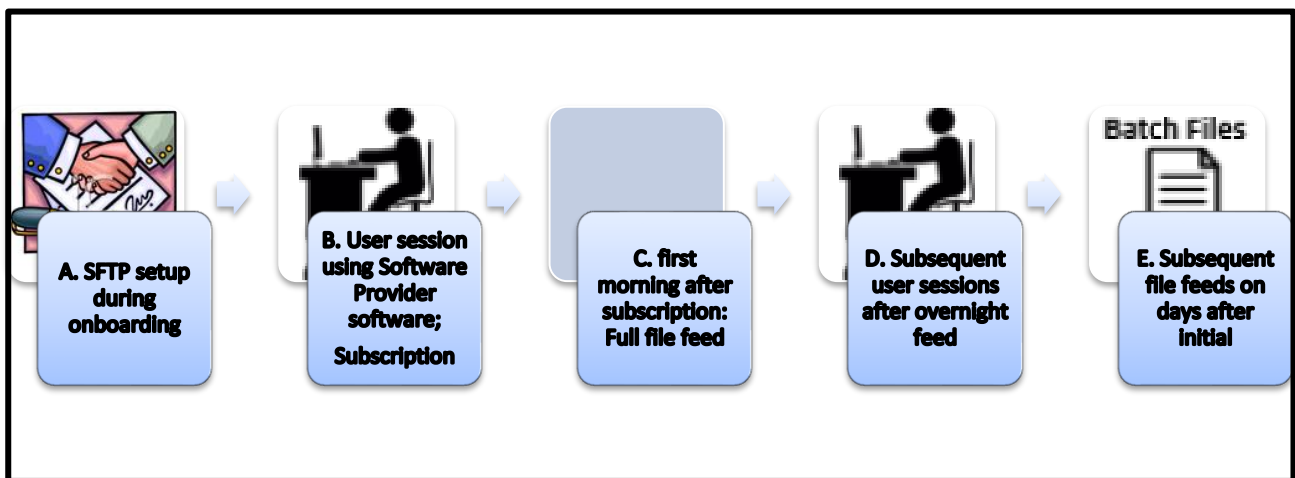


**Figure 6. Sequence of Bulk File Feed**

Versions of this diagram and the steps involved are used in explaining the sample scenarios in the sections below.

- **Stage A:** This is the initial onboarding of a Software Provider wishing to consume the TDS Bulk File Feed. For more on onboarding refer to the **Getting started guide** on IR's **Software providers** page on www.ird.govt.nz.

- **Stage B**: The User can access Inland Revenue via the TDS Real Time service. For regular daily updates on high volumes of Customer data a bulk file feed needs to be set up. For Inland Revenue to know which Customer information to send to a given Software Provider, a link is required between the Software Provider and a Business Intermediary Client List or their direct Customers' Accounts. This link is created via the Software Intermediation Service initiated by the customer via the Software Provider software. Full details of the Software Intermediation service are provided in the Software Intermediation Build Pack. Once linked, the next Bulk File will include details for this Client's Customers.

- **Stage C:** An initial file transfer occurs, containing a full set of Customer data – Both Converted and History.

- **Stage D:** When the user logs in to the software again, the content of the bulk files will be incorporated into what the user can see by the Software Provider software. They can still augment that with Real Time calls.

- **Stage E:** This is an incremental file, containing data that has changed since the previous file was provided.  Again, the Software Provider software will incorporate that for the user to have access to on their next logon.

## 3.2 High level typical real time sequence

Below is an outline of the process for an organisation that chooses to use TDS for their own small data set only and does not subscribe to the bulk file feed. This can only be supported by Inland Revenue for small datasets.



**A. Software Provider and IR setup Gateway service access**

**B. User session for customer using in house or Software Provider software, realtime access**

**Figure 7. Sequence of Real Time access only**

- **Stage A:** This is the initial onboarding of a Software Provider that does not need to or wish to consume the TDS Bulk File Feed. This only requires the ability to call Gateway Services. For more on onboarding refer to Section 5 of this document.

- **Stage B**: The user can access Inland Revenue via the TDS Real Time service.

# 4    Onboarding

Information in this section is Onboarding information that relates specifically to TDS.

For the full overview of the process of onboarding with IR, refer to the **Getting started guide** on IR's **Software providers** page on www.ird.govt.nz

## 5 Delegation and permissions

This section looks at the various aspects of permissions, delegation, linking and permission sharing related to accessing TDS data; and how they overlap.

### 5.1 Relationship types

- **Delegation**: To query data in TDS or link to data in TDS a myIR Logon must have delegated permissions set up via myIR portal:
  o This can be done for a Customer by those set up as owner or administrator for that Customer
  o Business Intermediaries have equivalent delegation set up to their myIR Logons for their staff – this was set up in 2018
- **Intermediation Linking**: Customer Accounts are linked through Client Lists for a Business Intermediary in myIR – these links are visible via Intermediation Service.
- **Software Platform linking:** This linking subscribes a specific Business Intermediary Client List or Customer Account so that data gets sent to a specific Software Platform where it is being used.
- **Software Provider application data permissions:** This is the permission sharing internal to the Software Provider software. It may correlate with myIR Logon permissions as set up in myIR portal delegation: Inland Revenue supports a few variations.

### 5.2 Summary of relationship types

The following summarises key relationship types and their role in TDS. Subsequent subsections (6.4) explain this in more detail.
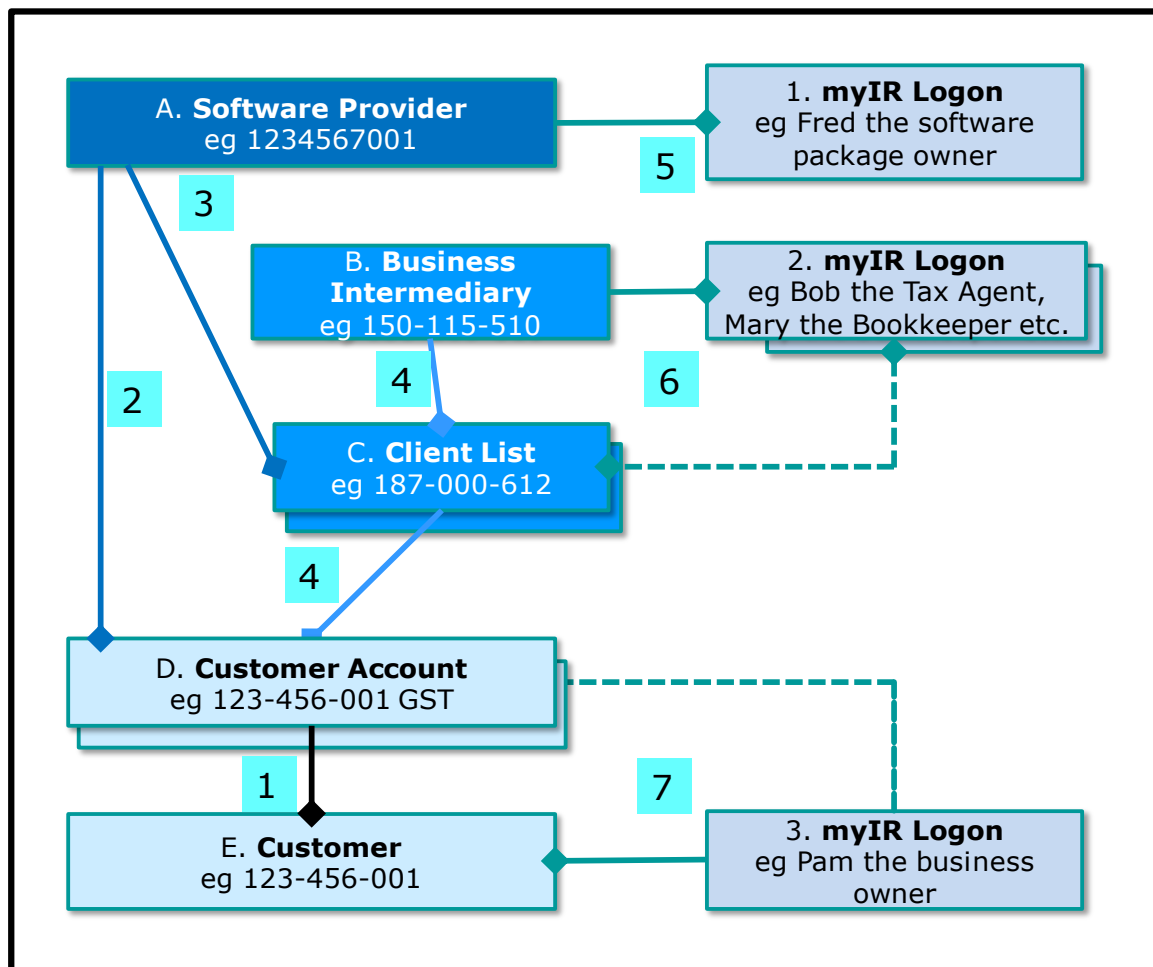


**Figure 8. TDS Key relationship types**

| Number | Parties | Relationship | Purpose |
|--------|---------|--------------|---------|
| **1** | D-E | Customer Accounts | Customer activity is by Account - typically a Tax Type (e.g. GST). All Transaction data is accessed under the relevant Account. |
| **2** | A-D | Software Intermediation link for Direct Customer Account | To subscribe for bulk updates of a Customer's Account data to be sent to a Software Platform when there is no <mark>Business Intermediary</mark> involved. |
| **3** | A-C | Software Intermediation link for <mark>Business Intermediary</mark> | To subscribe for bulk updates of Customer Account data linked to a <mark>Business Intermediary</mark> (via Client Lists) to be sent to a Software Platform when there is a <mark>Business Intermediary</mark> involved. |
| **4** | B-C<br><br>C-D | <mark>Business Intermediary</mark> Client Lists<br><br>Client Lists Linked to Customer Accounts | All <mark>Business Intermediary</mark> access to Customer Transaction Data is grouped under Client Lists. A <mark>Business Intermediary</mark> can set up as many Client Lists as they desire to group their Customer Accounts. A given Customer Account can only be linked to one Client List at a time. |
| **5** | 1-A | Software Platform myIR Logon delegation | Logons are set up to allow access to administer Software Platform Links through myIR and Gateway Services.<br><br>Each such User ID is associated with the Software Platform with an Access Type (Role). The Access role of Owner can create, query or break Software Intermediation links. |
| **6** | 2-B | <mark>Business Intermediary</mark> myIR Logon delegation | Logons are set up to allow access to administer <mark>Business Intermediary</mark> Links through myIR and Gateway Services.<br><br>Each such User ID is first associated with the <mark>Business Intermediary</mark>. This link has an Access Type (Role). Owner and Administrator users can establish and break Intermediation links. |
| **7** | 3-E | Customer myIR Logon delegation – when there is no <mark>Business Intermediary</mark> involved. | UserIDs are set up to allow access to administer Customer Accounts through myIR and Gateway Services. Each such User ID is first associated with the Customer.<br><br>This link has an Access Type (Role). Owner and administrator users can establish and break Software Intermediation and Intermediation links. |

**Table 9.     TDS key Relationship Types**

## 5.3myIR Logon delegation permissions

- Access to Inland Revenue's Online Services portal (myIR) is via a credential known as the "myIR Logon".
- All Gateway Web Services that require user authentication tokens rely on the same myIR Logon credentials and the permissions set up for each of these logons.
- What data a myIR Logon has access to, is controlled by the Inland Revenue delegation model.
- Any Customer or Business Intermediary will have at least one associated myIR Logon that has owner Access Role. This logon can be used on myIR to set up delegated permissions for additional myIR Logons or to modify Account permissions for existing ones. Such delegated permissions up to 2018 in myIR are given in the context of a specific Customer or a Business Intermediary's own internal Accounts. As of April 2018, myIR will also allow the online administration of such Account permissions for Business Intermediary Client Lists.
- A myIR Logon is given permission on a Customer / Business Intermediary / Software Platform with an Access Role. For Customer or Business Intermediary there is then finer grained access control that is applied with Account Permissions in an Access Control List.
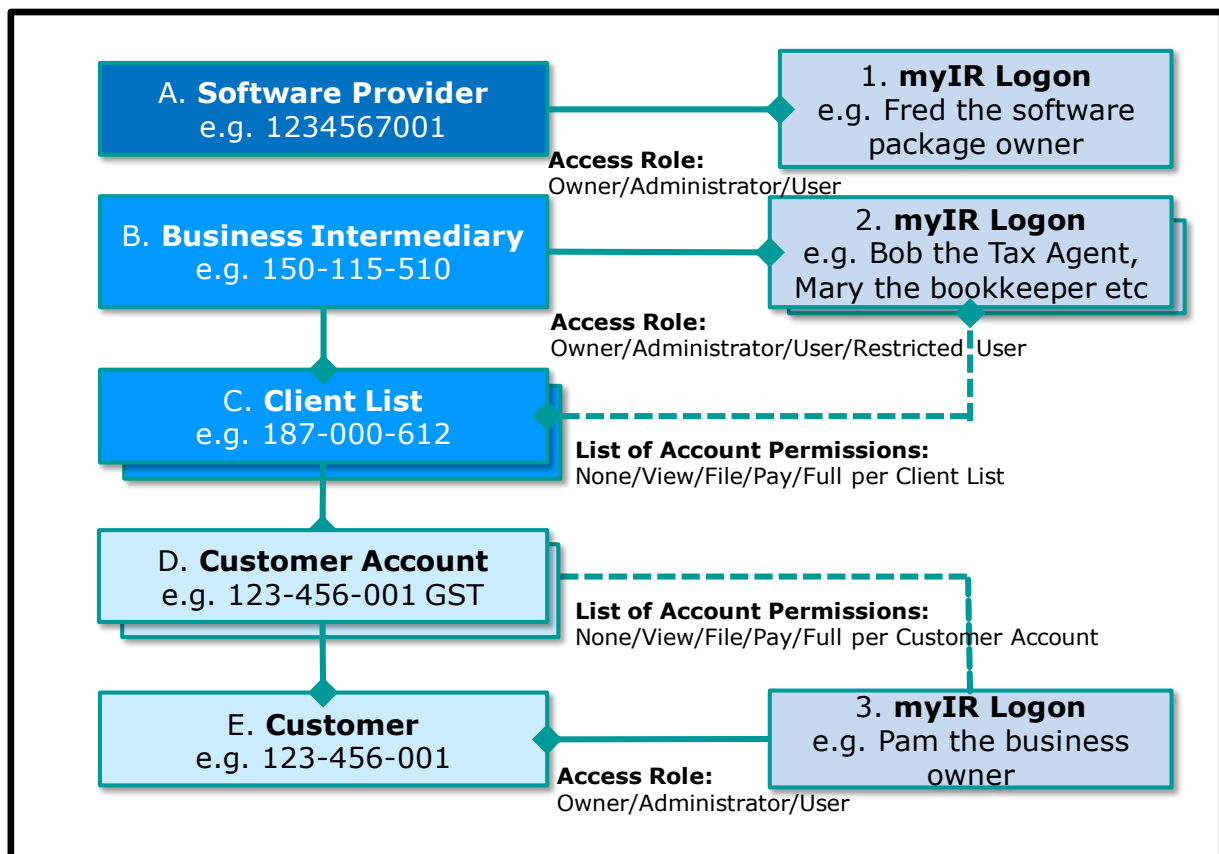


**Figure 9. MyIR Logon delegation Permission model**

### 5.3.1  Customer delegation management

- In previous systems Inland Revenue used a mechanism where multiple Customer Locations were associated with different myIR Logons and the selection of Customer Location (through IRD number) and myIR Logon dictated the subset of data for that Customer that was available.
- An Access Control List now applies Account Permissions across all Accounts and myIR Logons for that Customer.

- A Customer might elect to consolidate into one myIR Logon per person or still keep separate myIR logons for a user per location/profile/Account.

### 5.3.2  Business Intermediary delegation management

- Customers of Business Intermediaries are arranged in one or multiple Client List(s). Inland Revenue Account Managers have to be contacted to create new Client Lists.
- For more details, refer to the Intermediation service Build Pack.

### 5.3.3  MyIR Logon delegation Access Roles

| Access Type | Customer delegation | Tax Agent Delegation | Software Platform |
|---|---|---|---|
| **(Level applied at)** | At Customer Level | At Tax Agent Level – for client lists | At Software Platform |
| **Owner** | Can administer Access Role delegation on Customer<br><br>Can administer Account Permissions delegation on all Customer Accounts | Can administer Access Role delegation on Tax Agent<br><br>Can administer Account Permissions delegation on any Client Lists | Can create administrators<br><br>Can create users<br><br>Can list links and can delink |
| **Administrator** | Can administer Access Type delegation on Customer<br><br>Can administer Account Permissions on any account they have been delegated permission to, limited to what their permission is e.g. if they have only been give View to FBT, they can only on-delegate View to the FBT account, not higher | Can administer Access Role delegation on Tax Agent<br><br>Can administer Account Permissions on any Client Lists not given None access level on | Cannot create administrators<br><br>Can create users<br><br>Can list links and can delink |
| **User** | Only permissions as defined by Access Role per Customer Account<br><br>No administration of Access Role or Account Permission delegation. | Can link and delink Customer Accounts to any client lists not given None access level on<br><br>Permissions as defined by Account Permissions per Client List | Cannot create administrators<br><br>Cannot create users<br><br>Can list links and delink |

| Access Type | Customer delegation | Tax Agent Delegation | Software Platform |
|---|---|---|---|
| | | No administration of Access Role or Account Permission delegation. | |
| **Restricted User** | Same as User | Cannot link and delink Customer Accounts<br><br>Cannot request financial transfers of client payments and/or credits<br><br>Otherwise same as User | Same as user |

**Table 10.     MyIR Logon delegation Access Types/Roles**

### 5.4 Summary of links, operations to update them, and permissions and delegations required

#### 5.4.1  Software intermediation

- In order to receive the bulk file content a link needs to be established between the Software Platform and the Tax Agency Client List or Customer Accounts.
- For more details, refer to the Software Intermediation Build Pack.

## Appendix A - Glossary

| Acronym/Term | Definition |
|---|---|
| **Authentication** | The process of verifying an identity claimed by or for a system entity. [RFC 2828] |
| **Authorisation** | A right or a permission that is granted to a system entity to access a system resource. [RFC 2828] |
| **Build Pack** | Details the technical requirements and specifications, processes and sample payloads for the specified activity |
| **Business Intermediary** | A party who interacts with Inland Revenue on behalf of a Customer. Inland Revenue's Customer is a Client of the Business Intermediary. There are several types of Intermediary including Tax Agents, Payroll Bureaus, Payroll Intermediaries, Bookkeepers etc. |
| **Business Processing** | Processing by Inland Revenue systems in retrieving data and constructing the Payload (business information content) of a message. |
| **Business Service** | An integration interface (description) of the Solution which provides a set of business data and information in fulfilling the Service and is specified in this document. The Solution may offer more than one Business Service. |
| **Customer** | A Customer is the party who is a taxpayer or a participant in the social policy products that are operated by Inland Revenue. The Customer might be a person (an "individual") or a non-individual entity such as a company, trust, society etc.<br><br>Practically all of the service interactions with Inland Revenue are about a Customer (e.g. their returns, accounts, entitlements etc.) even though these interactions might be undertaken by an Intermediary such as a Tax Agent on their behalf. |
| **Data integrity** | The property that data has not been changed, destroyed, or lost in an unauthorized or accidental manner. [RFC 2828] |
| **Digital certificate** | A certificate document in the form of a digital data object (a data object used by a computer) to which is appended a computed digital signature value that depends on the data object. [RFC 2828] |
| **Encryption** | Cryptographic transformation of data (called "plaintext") into a form (called "cipher text") that conceals the data's original meaning to prevent it from being known or used. If the transformation is reversible, the corresponding reversal process is called "decryption", which is a transformation that restores encrypted data to its original state. [RFC 2828] |
| **myIR** | START's authenticated customer-facing portal - myIR. |
| **FIRST** | Inland Revenue's old system which will still be in operation until 2021. |
| **Gateway** | START's web services gateway. |
| **GWS** | Gateway Services—the brand name for the suite of web services that Inland Revenue is providing. |
| **HTTP** | Hypertext Transfer Protocol is a networking protocol and is the foundation of data communication for the World Wide Web. |
| **HTTPS** | Hyper Text Transmission Protocol (Secure)—the protocol by which web browsers and servers interact with each other. When implemented over TLS1.2 HTTP becomes HTTPS. |

| Acronym/Term | Definition |
|---|---|
| **IAS Build Pack** | Identity and Access Build Pack |
| **Intermediation Service** | The Intermediation Service is a new Gateway Service for creating and maintaining delegated access relationships between intermediaries and their clients.  These relationships enable access by the intermediary to a resource (e.g. an account, correspondence etc.) that belongs to their client. |
| **IP** | Internet Protocol—the principal communication protocol in the Internet protocol suite for relaying datagrams across networks. |
| **IR** | Inland Revenue |
| **LPP** | Late Payment Penalty |
| **Mutual authentication** | Mutual authentication refers to two parties authenticating each other at the same time, being a default mode of authentication in some protocols (e.g. SSH) and optional in other (TLS) |
| **NSP** | Inland Revenue's New Services Platform—includes START, XIAMS, the Application Publishing Service and supporting infrastructure. |
| **OAuth2** | An HTTPS based protocol for authorising access to a resource, currently at version 2. |
| **Payload** | The business information content of the message and/or file(s) between Inland Revenue and a Business Partner.  This refers to the data contained within the messages that are exchanged when a web service is invoked.  Messages consist of a Acronym/term Definition header and a payload. |
| **Schemas** | An XML schema defines the syntax of an XML document, in particular of a payload. The schema specifies what a valid payload (such as a GST return) must/can contain, as well as validating the payload. |
| **Service** | The exchange, as enabled by the Solution, of information, data and/or funds for the purpose of Clients' tax administration by Tax Agents. |
| **Software Provider Software** | A Client Application is an operating instance of Software that is deployed in one or more sites. A number of deployment patterns are possible:<br>1. A single cloud based instance with multiple tenants and online users,<br>2. An on premise instance (e.g. an organisation's payroll system)<br>3. A desktop application with an online user.<br>This is the computer software that contains interfaces to (consumes) the services that Inland Revenue exposes.  Software is developed and maintained by a Software Provider and subsequently deployed as one or more Client applications. |
| **SFTP** | Secure File Transport Protocol. SFTP 3.0 is used. |
| **SOAP** | Simple Object Access Protocol (SOAP) is a protocol specification for exchanging structured information in the implementation of Web Services in computer networks. |
| **Solution** | The technology components, systems and interface specifications constituting the TAWS capability which enables integration and communication across the Gateway channel between Inland Revenue and Tax Agents for the purpose of providing the Service. |

| Acronym/Term | Definition |
|---|---|
| **Software Developer** | The developer of a software package and its Gateway Channel integration capability which forms part of the Solution.  In most cases this terminology is not used; instead we use Software Provider. |
| **Software Platform** | Software Provider or accounting software set up as registered software to call Inland Revenue Gateway Services like TDS and to receive TDS bulk SFTP feeds.<br><br>Previously referred to as Software Intermediary |
| **SSH** | **Secure Shell** (SSH) is a cryptographic network protocol for operating network services securely over an unsecured network. Version 2.0 is used. |
| **SSL** | Secure Sockets Layer (SSL) is a cryptographic protocol that provides security for communications over networks such as the Internet. |
| **START** | Inland Revenue's new system which stands for Simplified Taxation and Revenue Technology |
| **Tax Agent** | A Tax Agent who is formally registered as such with Inland Revenue. There might be multiple myIR Logons for one or more people associated with the Tax Agent entity. |
| **TDS** | Transaction Data Services |
| **TLS1.2** | Transport Layer Security version 1.2—the protocol that is observed between adjacent servers for encrypting the data that they exchange. Prior versions of TLS and all versions of SSL have been compromised and are superseded by TLS1.2. |
| **UOMI** | Use-of-money interest |
| **URL** | Universal Resource Locator—also known as a web address. |
| **User** | The user referred to in this document is the user of the software provider accounting or tax package. This user needs delegated permissions on Customer tax accounts (potentially via a tax agency or other intermediary) in order to use TDS. The web logon used in myIR needs to be used in making Inland Revenue queries. This web logon must be granted permission there to access Customer Accounts.  It is owned by one Customer but can be Linked to Accounts belonging to other Customers. |
| **WSDL** | Web Services Description Language (WSDL) is an XML-based language that provides a model for describing Web Services. |
| **XIAMS** | External IAMS—an instance of IAMS that authenticates and authorises access by external parties, i.e. customers, trading partners etc. as opposed to internal parties such as staff. |
| **XML** | EXtensible Markup Language |

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## Appendix B - Filing Frequency Codes

The table in this Appendix has been removed as it has become too large with the addition of Release 3 filing frequencies.  A separate spreadsheet "Filing Frequencies by Release" has added to the GitHub instead:

https://github.com/InlandRevenue/Gateway-Services/blob/master/Product%20-%20Transaction%20Data%20Services/TDS%20Overview%20and%20Transition/Latest/TDS%20Filing%20Frequencies%20by%20Release.pdf

## Appendix C - START Transaction Codes

*Note – this list is likely to have more entries as conversion plans are finalised*

| Transaction Code | Short Description | Description | Data Item |
|---|---|---|---|
| **ADJAWO** | Autocalc write-off | Transaction for autocalc income tax return forms that post a credit as a write-off of return or square up debit. | Tax |
| **ADJFIT** | Group ICA adjustment | Credit transaction used to offset an income tax liability recognising this will be satisfied by a payment of further income tax made by a group representative | Other |
| **ADSOTC** | Audit settlement offset | Offset used to reduce liability due to an audit settlement adjustment. | Other |
| **ADJRLT** | RLT end of year adjustment | RLT end of year adjustment, tax liability will be accounted for in the INC return | Other |
| **AIMDBT** | AIM Shareholders Offset | Manually posted AIM Shareholders offset, used in conjunction with updating the shareholders returns with tax credits. | Other |
| **AUDDPC** | Audit dispute credit | Records an audit dispute credit transaction from the audit worksheet | Other |
| **AUDDPD** | Audit dispute debit | Records an audit dispute debit transaction from an audit worksheet. | Other |
| **AUDFOR** | Audit forecasting transaction | This trans type is used to manage the forecasting of interest for audits. | Tax |
| **AUDTXC** | Audit credit | Records when a decrease to the debit portion of the assessment is added by an audit | Tax |
| **AUDTXD** | Audit debit | Records when an increase to the debit portion of the assessment is added by an audit | Tax |
| **BPAXFB** | Multi payment direction, no lock | Portion of multi payment allocated to this period | Credit |
| **BPAXFO** | Multi payment transfer out | Credit from multi payment account allocated to other accounts. | Other |
| **BPAXFR** | Multi payment direction, lock | Portion of multi payment allocated to this period for a return. | Credit |
| **CNVAJC** | Converted adjustment, credit | Adjustment to a debit transaction converted into START | Credit |
| **CNVAJD** | Converted adjustment, debit | Adjustment to a credit transaction converted into START | Other |
| **CNVCRC** | Converted court cost, credit | Records a court cost credit transaction converted into START | Credit |
| **CNVCRT** | Converted court cost | Records a court cost transaction converted into START | Tax |
| **CNVDOD** | Converted deferral of tax credit | Records a deferral of tax transaction converted into START | Other |
| **CNVDOT** | Converted deferral of tax | Records a deferral of tax transaction converted into START | Other |
| **CNVDSB** | Converted disbursement | Records a disbursement transaction into START | Other |
| **CNVDTD** | Converted deferral tax due | Records a deferral tax due transaction converted into START | Tax |

| Transaction Code | Short Description | Description | Data Item |
|---|---|---|---|
| CNVEWH | Converted Excess Withholding Credit | Converted Credit transaction for IPE credit claims. | Credit |
| CNVIMP | Converted imputation penalty | Records imputation penalty that was converted into START | Penalty |
| CNVINC | Converted credit interest | Records credit interest that was converted into START | Interest |
| CNVINT | Converted interest | Records interest that was converted into START | Interest |
| CNVLTF | Converted late filing penalty | Records the late filing penalty that was converted into START | Penalty |
| CNVPLF | Converted late filing penalty | Records the late filing penalty that was converted into START. This penalty is not tied to the return and is manually reversible. | Penalty |
| CNVPNL | Converted penalty | Records penalty that was converted into START | Penalty |
| CNVPRV | Converted provisional instalment | Records a provisional tax instalment debit that was converted into START | Tax |
| CNVPYM | Converted payment | Records a converted payment transaction as a transaction. This payment was manually converted. | Credit |
| CNVRID | Converted interest remission | Records an interest remission transaction converted into START. This remission is not tied to the return and is manually reversible. | Other |
| CNVRIN | Converted interest remission | Records an interest remission transaction converted into START | Other |
| CNVRIP | Converted imputation penalty remission | Records an imputation penalty remission transaction converted into START | Other |
| CNVRLF | Cnv late filing penalty remission | Records a penalty remission transaction converted into START | Other |
| CNVRPF | Cnv late filing penalty remission | Records a penalty remission transaction converted into START. This remission is not tied to the return and is manually reversible. | Other |
| CNVRPN | Converted penalty remission | Records a penalty remission transaction converted into START | Other |
| CNVRPP | Converted penalty remission | Records a penalty remission transaction converted into START. This remission is not tied to the return and is manually reversible. | Other |
| CNVSBD | Converted small balance offset debit | Records a small balance offset transaction converted into START. This is a debit transaction offsetting a credit. | Other |
| CNVSBO | Converted small balance offset | Records a small balance offset transaction converted into START | Other |
| CNVSHR | Converted shortfall penalty | Records a shortfall penalty that was converted into START. | Penalty |
| CNVSOL | Converted solicitor's fee | Records a solicitor's fee transaction converted into START | Tax |

| Transaction Code | Short Description | Description | Data Item |
|---|---|---|---|
| CNVSPT | Converted special tax | Records a special tax transaction converted into START | Tax |
| CNVTBR | Converted time bar | Time bar offset for a credit transaction | Other |
| CNVTPD | Converted transfer to tax pooler | Records a credit transfer in transaction to a tax pooler converted into START | Credit |
| CNVTXC | Converted return credit | Records a tax credit that was converted into START | Tax |
| CNVTXD | Converted return debit | Records a tax debit that was converted into START | Tax |
| CNVWOC | Converted write-off | Records a write-off credit transaction converted into START | Other |
| CNVWOD | Converted write-off of credit | Records a write-off debit transaction converted into START | Other |
| CNVWTH | Converted withholding tax | Records a withholding tax transaction converted into START | Other |
| CNVXFI | Converted transfer in | Records a credit transfer in transaction converted into START | Credit |
| CNVXFO | Converted transfer out | Records a credit transfer out transaction converted into START. | Other |
| CRDEWH | Excess Withholding Credit | Credit transaction for IPE credit claims. | Credit |
| CRDNTE | GST Credit Note | Transaction to add when adding a credit note activity in the taxpayer rulings case. | Other |
| DSBCBD | Disbursement, international manual | Disbursement issued to the customer via citi direct portal | Other |
| DSBCHQ | Disbursement, cheque | Disbursement issued to the customer via cheque | Other |
| DSBDIR | Disbursement, direct credit | Disbursement issued to the customer via direct credit | Other |
| DSBIAC | Disbursement, international ACH | Disbursement issued to the customer via international ACH | Other |
| DSBIBD | Disbursement, bank draft | Disbursement issued to the customer via international bank draft. | Other |
| DSBSEP | Disbursement, SEPA | Disbursement issued to the customer via SEPA | Other |
| DSBTTR | Disbursement, telegraphic transfer | Disbursement issued to the customer via telegraphic transfer (SWIFT) | Other |
| DSXCPR | FIRST Child Support Receiving Career Intercept | A portion of the disbursement has been intercepted to be sent to FIRST | Other |
| DSXCSE | FIRST Child Support Employee Deductions Intercept | A portion of the disbursement has been intercepted to be sent to FIRST | Other |
| DSXFAM | FIRST Working for Families Tax Credit Intercept | A portion of the disbursement has been intercepted to be sent to FIRST | Other |

| Transaction Code | Short Description | Description | Data Item |
|---|---|---|---|
| DSXFIR | Disbursement intercept, FIRST | A portion of the disbursement has been intercepted to be sent to FIRST | Other |
| DSXICA | FIRST Imputation Credit Account Intercept | A portion of the disbursement has been intercepted to be sent to FIRST | Other |
| DSXINC | FIRST Income Tax Intercept | A portion of the disbursement has been intercepted to be sent to FIRST | Other |
| DSXKSE | FIRST KiwiSaver Employee Deductions Intercept | A portion of the disbursement has been intercepted to be sent to FIRST | Other |
| DSXKSR | FIRST KiwiSaver Employer Contribution Intercept | A portion of the disbursement has been intercepted to be sent to FIRST | Other |
| DSXKSS | FIRST KiwiSaver Member Account Intercept | A portion of the disbursement has been intercepted to be sent to FIRST | Other |
| DSXMAC | FIRST Maori Authority Credit Account Intercept | A portion of the disbursement has been intercepted to be sent to FIRST | Other |
| DSXNCP | FIRST Child Support Payment Parent Intercept | A portion of the disbursement has been intercepted to be sent to FIRST | Other |
| DSXPAY | FIRST Pay As You Earn Income Tax Deductions Intercept | A portion of the disbursement has been intercepted to be sent to FIRST | Other |
| DSXPRV | Disbursement intercept, Provisional Tax | A portion of the disbursement has been intercepted to be sent to FIRST for provisional tax. | Other |
| DSXQCT | FIRST Qualifying Company Election Tax Intercept | A portion of the disbursement has been intercepted to be sent to FIRST | Other |
| DSXREB | FIRST Tax Credit Overpayments Intercept | A portion of the disbursement has been intercepted to be sent to FIRST | Other |
| DSXSHR | FIRST Shareholder Premium Intercept | A portion of the disbursement has been intercepted to be sent to FIRST | Other |
| DSXSLE | FIRST Student Loan Employee Deductions Intercept | A portion of the disbursement has been intercepted to be sent to FIRST | Other |
| DSXSLS | FIRST Student Loans Annual Account Intercept | A portion of the disbursement has been intercepted to be sent to FIRST | Other |
| DSXSSC | FIRST Specified Superannuation | A portion of the disbursement has been intercepted to be sent to FIRST | Other |

| Transaction Code | Short Description | Description | Data Item |
|---|---|---|---|
| | Contribution Intercept | | |
| DSXWPE | FIRST Withholding Payments Elected Intercept | A portion of the disbursement has been intercepted to be sent to FIRST | Other |
| DSXWPN | FIRST Withholding Payments Non-elected Intercept | A portion of the disbursement has been intercepted to be sent to FIRST | Other |
| EXGCRC | Ex gratia credit | Ex gratia credit that is used to decrease a debit transaction | Credit |
| FAMCRD | FAM entitlement credit | A weekly or fortnightly FAM entitlement credit transaction to be disbursed | Credit |
| FAMSQA | Amended FAM assessment debit | A debit FAM assessment which has been amended to an increased debit amount | Tax |
| FAMSQC | FAM assessment credit | An end of year square-up assessment for FAM which resulted in a credit | Tax |
| FAMSQD | FAM assessment debit | An end of year square-up assessment for FAM which resulted in a debit | Tax |
| FEEAPP | Application fee | Fee associated to an application. | Tax |
| FEECCC | Court awarded costs, credit | Credit that is awarded to the customer by the courts. | Credit |
| FEECCD | Court awarded costs, debit | Fee added as part of a legal action | Tax |
| FEEDMG | Damages and restitution costs | Costs that are applied as part of a damage or restitution case | Tax |
| FEEDSB | Legal disbursements | Court Filing Fee and Court Sealing Fee for bankruptcies or liquidations | Tax |
| FEEEXT | External costs | External costs incurred by Departmental and passed on to the customer | Tax |
| FEEGST | Goods and Service Tax Charged | The amount of goods and service tax that was charged as part of the service provided. | Tax |
| FEELQD | Liquidation costs | Costs that are applied as part of the liquidation process | Tax |
| FEESEC | Security fee | Fee based on a security that has been issued | Tax |
| FEESOL | Solicitor's costs | Solicitor's Fees awarded by the Court | Tax |
| FEESVC | Services provided | Fee evaluated during the binding ruling process for services provided. | Tax |
| FRSCRD | Credit transferred from FIRST | Credit that was transferred from FIRST | Credit |
| FWDAIL | Transfer to AIL | Debit transaction used to offset a credit transaction when being transferred to a Account Issuer Levy account | Other |
| FWDAIP | Transfer to AIP | Debit transaction used to offset a credit transaction when being transferred to an Account Information Provider account | Other |
| FWDCRS | Transfer to CRS | Debit transaction used to offset a credit transaction when being transferred to a Common Reporting Standard account | Other |

| Transaction Code | Short Description | Description | Data Item |
|---|---|---|---|
| **FWDDWT** | Transfer to DWT | Debit transaction used to offset a credit transaction when being transferred to a Dividend Withholding Tax account | Other |
| **FWDFAM** | Transfer to FAM | Debit transaction used to offset a credit transaction when being transferred to a Working for Families Tax Credit account. | Other |
| **FWDFBT** | Transfer to FBT | Debit transaction used to offset a credit transaction when being transferred to a Fringe Benefit Tax account | Other |
| **FWDGMD** | Transfer to GMD | Debit transaction used to offset a credit transaction when being transferred to a Gaming Machine Duty account | Other |
| **FWDGSD** | Transfer to GSD | Debit transaction that transfer a credit to a Goods Sold in Satisfaction of Debt account | Other |
| **FWDGST** | Transfer to GST | Debit transaction used to offset a credit transaction when being transferred to a Goods and Services Tax account | Other |
| **FWDIIT** | Transfer to INC | Debit transaction used to offset a credit transaction when being transferred to an individual customers Income Tax account. | Other |
| **FWDIPE** | Transfer to IPE | Debit transaction used to offset a credit transaction when being transferred to a Interest PAYE Exemption account | Other |
| **FWDIPS** | Transfer to IPS | Debit transaction used to offset a credit transaction when being transferred to an RWT - deductions from interest (IPS) account | Other |
| **FWDITN** | Transfer to INC | Debit transaction used to offset a credit transaction when being transferred to a non-individual customers Income Tax account. | Other |
| **FWDLGL** | Transfer to LGL | Debit transaction used to offset a credit transaction when being transferred to a legal costs account | Other |
| **FWDNRT** | Transfer to NRT | Debit transaction used to offset a credit transaction when being transferred to a Non-Resident Withholding Tax account | Other |
| **FWDPIE** | Transfer to PIE | Debit transaction used to offset a credit transaction when being transferred to a Portfolio Investment Entity account | Other |
| **FWDPRS** | Transfer to PRS | Debit transaction used to offset a credit transaction when being transferred to a Payroll Subsidy account | Other |
| **FWDREB** | Transfer to REB | Debit transaction used to offset a credit transaction when being transferred to a Donation Tax Credit account. | Other |
| **FWDRLT** | Transfer to RLT | Debit transaction used to offset a credit transaction when being transferred to a Residential Land Withholding Tax account | Other |
| **FWDRUL** | Transfer to RUL | Debit transaction used to offset a credit transaction when being transferred to a Rulings & Determinations account | Other |
| **FWDRWT** | Transfer to RWT | Debit transaction used to offset a credit transaction when being transferred to an RWT - Specified Dividends account | Other |
| **GLDCRD** | GL disbursement credit | Credit that has been generated by a GL disbursement activity. | Credit |

| Transaction Code | Short Description | Description | Data Item |
|---|---|---|---|
| INTCRD | Use of money credit interest | Use of money interest that is calculated on credit transactions | Interest |
| INTMNC | Manual credit interest | Manually posted credit interest transaction | Interest |
| INTMND | Manual debit interest | Manually posted interest transaction | Interest |
| INTSTD | Use of money debit interest | Use of money interest that is calculated on debit transactions | Interest |
| INTTPA | Tax pool credit interest | Use of money credit interest that is calculated on funds transferred or disbursed from a tax pool account | Interest |
| INTWSC | Manual credit interest | Manually posted credit interest transaction | Interest |
| INTWSD | Manual debit interest | Manually posted debit interest transaction | Interest |
| INTWTH | Tax withheld on credit interest | Records the amount that is to be withheld from credit interest | Other |
| LCKTPA | Tax pool deposit offset | Offsetting transaction used to record when a deposit has been received in a tax pool account | Other |
| LFPEV1 | Late filing penalty evaluation, primary | This transaction is used to apply late filing penalty when no return has been added | Other |
| LFPEV2 | Late filing penalty evaluation, secondary | This transaction is used to apply late filing penalty when no return has been added | Other |
| MNLLTF | Late filing penalty | Penalty recorded when a return or form is filed late manually applied | Penalty |
| OFFBRP | Proceeds on bankruptcy, offset | Offsetting transaction used to record when a payment has been received for proceeds on a bankruptcy | Other |
| PNLADT | Additional tax penalty | Pre 1997 penalty recorded when a payment is deemed late | Penalty |
| PNLBPS | Base Erosion & Profit Shifting Penalty | Records a penalty when fail to disclose the information requested | Penalty |
| PNLFPY | Failure to Meet Requirements | This transaction is used to apply a Failure to Meet Requirements' penalty to CRS accounts. | Tax |
| PNLFRC | Failure to Take Reasonable Care | This transaction is used to apply a 'Failure to Take Reasonable Care' penalty to CRS accounts. | Tax |
| PNLIMP | Imputation penalty | Penalty applied to a debit ICA/MAC closing balance | Penalty |
| PNLIPP | Information Provider Penalty | This transaction is used to apply a 'Information Provider Penalty' to AIP accounts. | Tax |
| PNLLF1 | Late filing penalty, primary | This transaction is used to apply late filing penalty when no return has been added | Penalty |
| PNLLF2 | Late filing penalty, secondary | This transaction is used to apply late filing penalty when no return has been added | Penalty |
| PNLLFE | Late filing penalty evaluation | This transaction is used to apply late filing penalty when no return has been added | Other |

| Transaction Code | Short Description | Description | Data Item |
|---|---|---|---|
| PNLLFR | Late filing penalty | Penalty recorded when a return or form is filed late | Penalty |
| PNLLTF | Late filing penalty | Penalty recorded when a return or form is filed late | Penalty |
| PNLLTP | Late payment penalty | Penalty recorded when a payment is deemed late | Penalty |
| PNLMNL | Manual penalty | Manually posted penalty transaction | Penalty |
| PNLSHR | Shortfall penalty | Records the shortfall penalty that is due | Penalty |
| PNLWSD | Manual penalty | Manually posted penalty transaction | Penalty |
| PRTOTC | Deferral of tax in dispute offset | Credit transaction that is used to mark a deferral of tax debit transaction that is under dispute. | Other |
| PRTOTD | Deferral of tax in dispute offset, debit | Debit transaction that is used to mark a deferral of tax credit transaction that is under dispute. | Other |
| PRVDBT | Provisional tax instalment | A debit transaction for a provisional tax instalment | Tax |
| PYMACC | Account payment | Credit resulting from a account payment voucher | Credit |
| PYMAUD | Audit payment | Credit resulting from an audit payment voucher | Credit |
| PYMBKD | Deduction Payment | Credit resulting from a deduction payment voucher | Credit |
| PYMBLK | Multi Payment | Credit resulting from a multi payment voucher | Credit |
| PYMBRP | Proceeds on bankruptcy, payment | Credit resulting from proceeds on bankruptcy payment voucher | Credit |
| PYMCOL | Collection payment | Credit resulting from a collection payment voucher | Credit |
| PYMCST | Customer payment | Credit resulting from a customer payment voucher | Credit |
| PYMEST | Estimated Payment | Credit resulting from an estimated payment voucher | Credit |
| PYMLCA | Locked payment, audit | Offsets a payment transaction so that it does not offset other debit transactions until the audit transaction posts. | Other |
| PYMLCP | Locked payment, provisional | Offsets a payment transaction in an Income Tax period which has no provisional instalments posted | Other |
| PYMLCR | Locked payment return | Offsets a payment transaction so that it does not offset other debit transactions until the return transaction posts. | Other |
| PYMPLN | Instalment arrangement payment | Credit resulting from an instalment arrangement payment voucher | Credit |
| PYMPRD | Period payment | Credit resulting from a period payment voucher | Credit |
| PYMRTN | Return payment | Credit resulting from a return payment voucher | Credit |
| PYMTPA | Tax pool payment | Credit resulting from a tax pool payment voucher | Credit |
| RCVTPA | Transfer from TPA, acquired | Credit transaction received from a Tax Pool account from an acquired deposit | Credit |

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| Transaction Code | Short Description | Description | Data Item |
|---|---|---|---|
| **RCVTPO** | Transfer from TPA, owned | Credit transaction received from a Tax Pool account from an owned deposit | Credit |
| **RECAIL** | Transfer from AIL | Credit transaction received from a different account or period that posts from a Account Issuer Levy account | credit |
| **RECAIP** | Transfer from AIP | Credit transaction received from a different account or period that posts from an Account Information Provider account | Credit |
| **RECCRS** | Transfer from CRS | Credit transaction received from a different account or period that posts from a Common Reporting Standard account | Credit |
| **RECDWT** | Transfer from DWT | Credit transaction received from a different account or period that posts from a Dividend Withholding Tax account | Credit |
| **RECFAM** | Transfer from FAM | Credit transaction received from a different account or period that posts from a Working for Families Tax Credit account | Credit |
| **RECFBT** | Transfer from FBT | Credit transaction received from a different account or period that posts from a Fringe Benefit Tax account | Credit |
| **RECGMD** | Transfer from GMD | Credit transaction received from a different account or period that posts from a Gaming Machine Duty account | Credit |
| **RECGSD** | Transfer from GSD | Credit transaction received from a different account or period that posts from a GSD account | Credit |
| **RECGST** | Transfer from GST | Credit transaction received from a different account or period that posts from a Goods and Service Tax account | Credit |
| **RECIIT** | Transfer from INC | Credit transaction received from a different account or period that posts from an individual customers Income Tax account | Credit |
| **RECIPE** | Transfer from IPE | Credit transaction received from a different account or period that posts from a Interest PAYE Exemption account | Credit |
| **RECIPS** | Transfer from IPS | Credit transaction received from a different account or period that posts from a RWT - deductions from interest (IPS) account | Credit |
| **RECITN** | Transfer from INC | Credit transaction received from a different account or period that posts from a non-individual customers Income Tax account | Credit |
| **RECLGL** | Transfer from LGL | Credit transaction received from a different account or period that posts from a Legal Costs account | Credit |
| **RECNRT** | Transfer from NRT | Credit transaction received from a different account or period that posts from a Non-Resident Withholding Tax account | Credit |
| **RECPIE** | Transfer from PIE | Credit transaction received from a different account or period that posts from a Portfolio Investment Entity account | Credit |
| **RECPRS** | Transfer from PRS | Credit transaction received from a different account or period that posts from a Payroll Subsidy account | Credit |

| Transaction Code | Short Description | Description | Data Item |
|---|---|---|---|
| **RECREB** | Transfer from REB | Credit transaction received from a different account or period that posts from a Donation Tax Credit account | Credit |
| **RECRLT** | Transfer from RLT | Credit transaction received from a different account or period that posts from a Resident Land Withholding account | Credit |
| **RECRUL** | Transfer from RUL | Credit transaction received from a different account or period that posts from a Ruling and Determinations account | Credit |
| **RECRWT** | Transfer from RWT | Credit transaction received from a different account or period that posts from a RWT - Specified Dividends account | Credit |
| **REVCRD** | Reverse credit transaction | Debit transaction used to offset a credit transaction that is reversed | Credit |
| **REVINC** | Reverse interest transaction | Credit transaction used to offset an interest debit transaction that is reversed | Interest |
| **REVIND** | Reverse credit interest transaction | Debit transaction used to offset an interest credit transaction that is reversed | Interest |
| **REVOTC** | Reverse other transaction | Credit transaction used to offset another debit transaction that is reversed | Other |
| **REVOTD** | Reverse credit other transaction | Debit transaction used to offset another credit transaction that is reversed | Other |
| **REVPNC** | Reverse penalty transaction | Credit transaction used to offset a penalty debit transaction that is reversed | Penalty |
| **REVTXC** | Reverse assessment transaction | Credit transaction used to offset a primary debit transaction that is reversed | Tax |
| **REVTXD** | Reverse credit assessment transaction | Debit transaction used to offset a primary credit transaction that is reversed | Tax |
| **RTNACR** | AIM credit | Credit transaction used to reduce the year-to-date provisional tax liability calculated under AIM from an instalment date | Tax |
| **RTNADR** | AIM debit | Debit transaction which posts from an AIM Statement of Account | Tax |
| **RTNAMA** | Amended annual return debit | Standard transaction for amended annual return forms that result in an increase of debit. | Tax |
| **RTNAMI** | Amended income year return debit | Standard transaction for amended income year return forms that result in an increase of debit. | Tax |
| **RTNAMR** | Amended return debit | Standard transaction for amended return forms that result in an increase of debit. | Tax |
| **RTNANC** | Annual return credit | Standard transaction for annual return forms that result in a Credit. | Tax |
| **RTNAND** | Annual return debit | Standard transaction for annual return forms that result in a debit. | Tax |
| **RTNCRD** | Return credit | Standard transaction for return forms that result in a Credit. | Tax |
| **RTNDAA** | Amended default assessment | Transaction that is posted from a default assessment which has been increased | Tax |
| **RTNDAC** | Default assessment credit | Transaction that is posted from a default assessment when it results in a credit. | Tax |

| Transaction Code | Short Description | Description | Data Item |
|---|---|---|---|
| RTNDAD | Default assessment | Transaction that is posted from a default assessment when it results in a debit. | Tax |
| RTNDAP | Default assessment, provisional tax | Transaction that is posted from a default assessment for a provisional instalment. | Tax |
| RTNEPC | Early payment discount | Credit transaction posted when a customer claims an early payment discount for Income Tax | Credit |
| RTNFIT | Further Income Tax | A debit transaction for further income tax related to a debit ICA/MAC balance | Tax |
| RTNINC | Income year return credit | Standard transaction for income year return forms that result in a Credit. | Tax |
| RTNIND | Income year return debit | Standard transaction for income year return forms that result in a debit. | Tax |
| RTNORI | Return debit | Standard transaction for return forms that result in a debit. | Tax |
| RTNPRV | Return debit | A return debit transaction which replaces provisional instalment transactions once the return has been filed | Tax |
| RTNRDC | Research & development credit | Credit transaction posted when an R&D loss tax credit is claimed | Tax |
| RTNRDD | Research & development debit | Debit transaction posted when R&D loss tax credit is liable to be paid back | Tax |
| SBOOTC | Small balance offset | Credit transaction that is used to offset a small debit transaction | Other |
| TBROTD | Time bar | Time bar offset for a credit transaction | Other |
| TPAFWD | Transfer to TPA | Debit transaction used to offset a credit transaction when being transferred to a Tax pool account | Credit |
| TPAREC | Transfer from customer | Credit transaction received by a Tax Pool account from a customer | Credit |
| WAVOTC | Remission | Offsets a penalty or interest transaction that has been remitted. | Other |
| WOOTC | Other write-off | Write-off another transaction type | Other |
| WOSOTC | Other system write-off | System write-off of another transaction type | Other |
| WTDTPA | Tax pool withdrawal | A debit transaction that is posted when a withdrawal of funds is made from a tax pool account | Credit |
| XFRDSC | Disbursement transfer source credit | Credit transaction that is posted when a disbursement is transferred | Credit |
| XFRIN | Credit transfer in | Credit transfer into a period from a different period on the same account | Credit |
| XFROUT | Credit transfer out | Credit transfer from this period to a different period on the same account | Other |

## Appendix D - Tax Agent Web Service Transaction Types

| Tax Agent Web Service Transaction Type Code | Tax Agent Web Service Transaction Type Code Description |
|---|---|
| 0000 | Internal Data |
| 0020 | Additional Interest |
| 0025 | Additional Interest Reversal |
| 0030 | Additional Penal Charge |
| 0034 | Additional Penal Charge Reversal |
| 0035 | Additional Penal Charge Remission |
| 0036 | Additional Penal Charge Remission Reversal |
| 0040 | Additional Tax |
| 0045 | Additional Tax Remission |
| 0046 | Additional Tax Remission Reversal |
| 0047 | Additional Tax Reversal |
| 0050 | Amnesty Penalty |
| 0055 | Amnesty Penalty Reduction |
| 0060 | Assessment |
| 0061 | Reversal Assessment Reversal |
| 0065 | Assessment Reversal |
| 0070 | Capitalisation |
| 0075 | Capitalisation Reversal |
| 0080 | Court Costs |
| 0085 | Court Costs Reversal |
| 0090 | Credit retained |
| 0095 | Credit retained Reversal |
| 0100 | Credited to Loan |
| 0105 | Credited to Loan Reversal |
| 0130 | Default Assessment |
| 0135 | Default Assessment Reversal |
| 0150 | Deferred Tax |
| 0151 | Deferred Assessment Due |
| 0152 | Deferred Assessment Due Reversal |
| 0153 | Deferred Repayment Obligation |
| 0154 | Deferred Repayment Obligation Reversed |
| 0155 | Deferred Tax Reversal |
| 0156 | Deferred Tax Payable |

| 0157 | Deferred Tax Payable Reversal |
|------|-------------------------------|
| 0160 | Early Payment Discount |
| 0165 | Early Payment Discount Reversal |
| 0210 | Incremental Late Payment Penalty |
| 0211 | Incremental Late Payment Penalty Cancellation |
| 0212 | Incremental Late Payment Penalty Cancellation Reversal |
| 0214 | Incremental Late Payment Penalty Remission |
| 0215 | Incremental Late Payment Penalty Remission Reversal |
| 0216 | Incremental Late Payment Penalty Reversal |
| 0220 | Interest |
| 0221 | Interest Adjustment |
| 0222 | Interest Adjustment Reversal |
| 0223 | Interest C/Fwd |
| 0224 | Interest C/Fwd Reversal |
| 0225 | Interest on Tax in Dispute |
| 0226 | Interest on Tax in Dispute Reversal |
| 0227 | Interest Remission |
| 0228 | Interest Remission Reversal |
| 0230 | Interest Reversal |
| 0235 | Interest Write-Off |
| 0236 | Interest Write-Off Reversal |
| 0240 | Interim Repayment Obligation |
| 0245 | Interim Repayment Reversal |
| 0255 | Late filing Penalty |
| 0256 | Late Filing Penalty Remission |
| 0257 | Late Filing Penalty Remission Reversal |
| 0258 | Late Filing Penalty Reversal |
| 0260 | Late Payment Penalty |
| 0262 | Late Payment Penalty Cancellation |
| 0263 | Late Payment Penalty Cancellation reversal |
| 0265 | Late Payment Penalty Remission |
| 0266 | Late Payment Penalty Remission Reversal |
| 0267 | Late Payment Penalty Reversal |
| 0350 | Non-Payment Penalty Partial Remission |
| 0352 | Non-Resident Interest Write-Off |
| 0360 | Non-electronic Filing Penalty |
| 0365 | Non-electronic Filing Penalty Remission |

| 0366 | Non-electronic Filing Penalty Remission Reversal |
|------|--------------------------------------------------|
| 0368 | Non-electronic Filing Penalty Reversal |
| 0370 | Reduced Late Payment Interest |
| 0372 | Reduced Late Payment Interest Reversal |
| 0374 | Reduced Late Payment Interest Remission |
| 0376 | Reduced Late Payment Interest Remission Reversal |
| 0380 | Payment - Thank You |
| 0383 | Payment Dishonoured |
| 0385 | Payment Reversal |
| 0386 | Payment Cancelled |
| 0387 | Late Payment Interest |
| 0388 | Payment Transferred In |
| 0389 | Payment Transferred Out |
| 0390 | Penal Assessment |
| 0391 | Penal Charge |
| 0392 | Penal Tax |
| 0393 | Penal Tax Additional Tax |
| 0394 | Penal Tax Reversal |
| 0395 | Penal Assessment Reversal |
| 0396 | Penal Charge Reversal |
| 0397 | Penal Tax Additional Tax Remission |
| 0398 | Penal Tax Additional Tax Remission Reversal |
| 0399 | Penal Tax Additional Tax Reversal |
| 0400 | Penalty |
| 0401 | Penalty - failure to provide info remission |
| 0402 | Penalty - failure to provide info remission reversal |
| 0403 | Penalty Remission |
| 0404 | Penalty Remission Reversal |
| 0405 | Penalty Reversal |
| 0406 | Penalty Tax |
| 0407 | Penalty Tax Remission |
| 0408 | Penalty Tax Remission Reversal |
| 0409 | Penalty Tax Reversal |
| 0416 | Late payment penalty - waived |
| 0417 | Late payment interest - waived |
| 0450 | Refund |
| 0452 | Payment |

| 0455 | Refund reversal |
|------|-----------------|
| 0480 | Reversal of previous Interest Reversal |
| 0485 | Reversal of Additional Tax Reversal |
| 0490 | RWT on Interest Reconciliation Assessment |
| 0495 | RWT on Interest Reconciliation Assessment Reversal |
| 0500 | Shortfall Penalty |
| 0501 | Shortfall Penalty Reversal |
| 0510 | Solicitor's Fees |
| 0515 | Solicitor's Fees Reversal |
| 0520 | Special Return |
| 0525 | special Return Reversal |
| 0540 | Tax Credit for Payroll Donations |
| 0545 | Tax Credit for Payroll Donations Reversal |
| 0570 | Transfer |
| 0580 | Transfer Reversed |
| 0600 | Use of Money Interest |
| 0601 | Use of Money Interest Reversal |
| 0605 | Use of Money Interest Remission |
| 0606 | Use of Money Interest Remission Reversal |
| 0670 | Write-off |
| 0675 | Write-off Reversal |
| 0680 | Write-Off Purification |
| 0685 | Write-Off Purification Reversal |
| 0690 | GST Special Return Assessment |
| 0695 | GST Special Return Assessment Reversal |
| 0800 | Payment returned |
| 0802 | Payment returned to other IRD number |
| 0803 | Payment returned cancelled |
| UNKN | N/A |

## Appendix E – Bank Standards

| Attribute | Description | Data Type | Length |
|---|---|---|---|
| NZBankStandard | | | |
| Bank Number | The Bank where the Account is held | Char | 2 |
| Branch Number | The branch number of the bank | String | 4 |
| Account Number | Number of the bank account | String | 8 |
| Account Number Suffix | Suffix to the bank account number | String | 4 |
| NZ Bank Credit Union | Uses NZ Bank Standard and add an additional field | | |
| Reference Number | Reference number for Credit Union account transaction | String | 12 |
| AUS Bank Standard | | | |
| BSB | Corresponds to bank ID, bank branch, state where bank is | String | 6 |
| Account | Account Number | String | 9 |
| US CAN Bank Standard | | | |
| Routing Number | Used to identify the specific bank | String | 9 |
| Account Number | Number of the bank account | String | 17 |
| SWIFT IBAN Bank Standard | | | |
| SWIFT BIC Code | Unique identification code for financial institution | String | 11 |
| Country Code | Country specific code | String | 2 |
| Check Digit | Allows for sanity check of bank account number for integrity | String | 2 |
| Basic Bank Account Number | Number of the bank account | String | 30 |
| Other Bank Standard | | | |
| Branch | This field is a generic field for branch identifiers and account prefixes | String | 30 |
| Account | This field is a generic field for an account | String | 30 |

## Appendix F – Possible FIRST Transfer Codes

| Tax type code | Short description |
| --- | --- |
| CSE | Child support (NCP employer) |
| KSE | KiwiSaver Employee Deductions |
| KSR | KiwiSaver Employer Contributions |
| NCP | Child Support (Liable Parent) |
| CPR | Child Support (Receiving Carer) |
| SLS | Student Loans (Student) |
| FAM | Working for Families Tax Credits |
| QCT | Qualifying Company Election Tax |
| SHR | Shareholder Premium |
| SSC | Employer Superannuation Contribution Tax |
| WPE | Foreign Dividend Withholding Elected |
| WPN | Foreign Dividend Withholding Non-Elected |
| IPS | Resident Withholding Tax on Interest |
| DWT | Dividend Withholding Tax |
| NRT | Non-Resident Withholding Tax |
| RLT | Resident Land Withholding Tax |
| GST | Goods and Services Tax |
| GMD | Gaming Machine Duty |
| INC | Income Tax |
| PIE | Portfolio Investment Entity Tax |
| AIL | Approved Issuer Levy |
| FBT | Fringe Benefit Tax |
| FBA | Fringe Benefit Tax (Annual) |
| FBI | Fringe Benefit Tax (Income Year) |
| ICA | Imputation Credit Account |
| IPE | Resident Withholding Tax on Interest (exempt recipient) |
| RWT | Resident Withholding Tax on Specified Dividends |
| REB | Tax Credit Claim form (formerly Rebates) |
| MAC | Maori Authority Credit Account |
| CRS | Common Reporting Standard |
| AIP | Account Information Provider |
| MPO | Multi Payment Option (also known as Bulk Payment Account) |

## Appendix G - Document History

This table lists all changes that have been made to this build pack document since version 1.0.

| Version | Date | Description |
|---------|------|-------------|
| 1.6 | 25032019 | 1. Updated the Version column in this table to show what the version should have been since the 1.0 version – rather than having a date as a Version Number |
| | | 2. The TDS solution for Release 3 has been extended to cater for additional Business Intermediaries.  Hence all references to "Tax Agent" have been changed to "Business Intermediary" |
| | | 3. Changed all references to Tax Agent Web Services to TAWS after it is first mentioned in Section 1 |
| | | 4. Section 1.4 Fundamental concepts: Made various updates to the table |
| | | 5. Section 1.5 Related Documents: Updated the table that lists all the documents - removed diagram as the table on its own is enough. |
| | | 6. Section 2.9 Data Conversion to START:  Removed the words "from Tax Agent Web Services" as implies data is being converted from TAWS, which is not the case. |
| | | 7. Replaced the embedded Data Scenarios (section 2.8) and Conversion Scenarios (section 2.9) spreadsheets with links as these are on the GitHub |
| | | 8. Section 3 Use Cases: Changed the title from Use cases to Overall typical sequence of events |
| | | 9. Section 3.1 High Level Typical Bulk Feed Sequence - updated wording |
| | | 10. Section 3.3 Use Cases - removed this section as the document was becoming too large.  These use cases are available in a separate document if required. |
| | | 11. Section 4 Processes removed this section as the document was becoming too large.  These use cases are available in a separate document if required. |
| | | 12. Section 4 became Onboarding.  Updated to include a link to IR's Software providers page as this covers off the process of Onboarding |
| | | 13. Section 4.1 Initial bulk linking updated to remove information that is covered off on IR's Software providers page |
| | | 14. Section 5.1 Relationship types updated wording |
| | | 15. Updated the following diagrams; Figure 2 (section 1.2), Figure 3 (section 1.4), Figure 8 (section 5.2), Figure 9 (section 5.3), |
| | | 16. Section 5.3.2 Business Intermediary delegation management – updated wording |
| | | 17. Section 5.4 Summary of links… - updated wording |
| | | 18. Appendix A Glossary – updated wording |
| | | 19. Appendix B Filing Frequency Codes – included link to GitHub |
| | | 20. Appendix C START Transaction Types – added types ADJAWO and AIMDBT |
| 1.5 | 19122018 | Table removed from Appendix B as it was becoming too large – a separate spreadsheet "Filing Frequencies by Release" has been created instead. |

| 1.4 | 25102018 | Appendix C START Transaction Types table updated. New transactions added, and those not being used removed. Additional column added to the table to denote which TDS data item bucket the transaction falls into e.g. Tax, Credit, Interest, Penalty, or Other. |
|-----|----------|---|
| 1.3 | 09102018 | Updates made for Release 3:<br><br>• Added the April 2019 table to section 2.4<br><br>• Added new sections 2.5.2.4, and 2.5.10 through to 2.5.14 inclusive<br><br>• Added Release 3 scenarios to section 2.8<br><br>• Removed last bullet point in section 6.3 re supply of Permissions file<br><br>• New START Transaction Codes for Release 3 added into Appendix C, highlighted in yellow<br><br>The following START Transaction Codes have been removed from Appendix C as more generic reversal codes are being used instead: BPAXFBREVCRD, BPAXFOREVOTC, BPAXFRREVCRD, DSBIBDREVOTC, FWDAILREVOTC, FWDAIPREVOTC, FWDCRSREVOTC, FWDDWTREVOTC, FWDFBTREVOTC, FWDGMDREVOTC, FWDIPEREVOTC, FWDIPSREVOTC, FWDNRTREVOTC, FWDPIEREVOTC, FWDRLTREVOTC, FWDRWTREVOTC, PYMBKDREVCRD, PYMBLKREVCRD, PYMESTREVCRD, RECAILREVCRD, RECAIPREVCRD, RECCRSREVCRD, RECDWTREVCRD, RECFBTREVCRD, RECGMDREVCRD, RECIPEREVCRD, RECIPSREVCRD, RECNRTREVCRD, RECPIEREVCRD, RECRLTREVCRD, RECRWTREVCRD. |
| 1.2 | 30092018 | Updated various sections to reflect the Software Intermediation link is between the Software Platform and Tax Agency **Client List** (previously the link was to the Tax Agent or Tax Agency). Changes highlighted in yellow.<br><br>Updated the following Figures/Tables to also reflect this change:<br><br>• 1.4   Figure 3<br>• 6.2   Figure 17<br>• 6.4.2 Tables 39, 40 and 41<br>• 6.4.4 Table 45<br>• 6.5.2 Figure 19<br><br>Removed PRS account type from April 2018 table in section 2.2<br><br>Also updated Max Period Activity in section 2.4 and 2.7 to note in regard to checking all transactions have been included in latest feed<br><br>Appendix B:<br><br>• Corrected account type from AIP to AIL<br><br>Removed FATCA, IPE and PRS |
| 1.1 | 29042018 | 1.2 Update to description of History Feed to include when it will be produced other than initial one-off production. |
|     | 29052018 | 5.2.2 Corrected DR SFTP IP address to 222.153.203.33 |
| 1.0 | 12042018 | P1,2 Reformatted title and second page slightly to remove duplication of versioning information and standardise naming<br><br>1 Inserted new paragraphs<br><br>1.1 New paragraphs in beginning of Section 1.1<br><br>1.2 Transition explanations in first paragraph<br><br>1.3 Explanatory addition to paragraph<br><br>1.4 Fundamental Concepts – addition to last paragraph of Tax Agent definition |

| | | 2.4.1 Addition of this section |
|---|---|---|
| | | 3.3.2 – 4 New diagrams to account for replacement of adhoc History queries and general clarifications |
| | | 3.3.5 Use Case Listing – removal of BUC102, SUC020 and amendments to PUC204 and SUC002. |
| | | 3.4.2 BUC101 Updated to reflect History File production when new Links are created |
| | | 3.4.6 PUC211 Updated to reflect History File production when delinked and relinked |
| | | 3.4.10 PUC204 b) updated to reflect History file production – removal of query ability |
| | | 3.4.12 – BUC 102 Removed |
| | | 4.1 Addition of History File production with new links |
| | | 4.2.1 Addition of PUC204 into Table 27. Removal of Step 19 in Table 28 and additions into new Step 24 to reflect History File production |
| | | 4.2.2 Changes for Steps 17 onwards to reflect production of History File |
| | | 4.2.3.3 Addition to Step 2 to reflect History file production |
| | | 6.2 Table 37 Update to Number 7 Relationship to reflect updated position on Bookkeepers. Update to numbers 6 and 7 to reflect updated permission file more accurately. |
| | | 6.5 Updated to highlight permissions file being temporary |