



Smile 6 and Inomial 7 integration with Xero via Won

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Introduction

DGIT's Smile 6 and Inomial 7 systems can export transactions to Xero using the microservice Won.

The export process is one way – Smile/Inomial (collectively, Inomial) to Xero. There are three events that will trigger an export:

Action in Inomial	Result in Xero
Creating an account or changing certain fields	Creates/updates a Xero contact
Issuing a transaction	Creates a transaction
Allocating a transaction (e.g. a payment to an invoice) – this can include partial allocation	Allocates transactions

When is information is exported to Xero?

Information is exported from Inomial to Xero **automatically** and **in real time** when an event occurs of the type listed above (e.g. creating an account, issuing a transaction), provided that the following conditions are met:

- The Inomial account type has previously been mapped to a Xero organisation (see [below](#)).
- An Inomial General Ledger Code (GL Code) is specified for the relevant transaction or transaction item.

What information is exported?

Inomial accounts

Note: Inomial accounts are shown in Xero as contacts.

Exported account fields include:

- Account Name
- First Name
- Last Name
- Email Address
- Contact Number (USN)

Inomial transactions

All **issued** Inomial transaction types can be exported to Xero, except:

- Bond
- Bond Reversal
- RCTI
- RCTI Reversal

Note: Draft transactions are not issued transactions, so they do not qualify for export.

Transactions are exported as follows:

Inomial Transaction Type	Xero Transaction Type
<ul style="list-style-type: none"> • Invoice • Receipt reversal • Surcharge • Transfer Debit • Itemised Credit Reversal • Itemised Debit • Reimbursement Reversal 	<ul style="list-style-type: none"> • Invoice

Inomial Transaction Type	Xero Transaction Type
<ul style="list-style-type: none"> • Credit Note • Invoice Reversal • Surcharge Reversal • Transfer Credit • Itemised Credit • Itemised Debit Reversal • Reimbursement 	<ul style="list-style-type: none"> • Credit Note
<ul style="list-style-type: none"> • Receipt 	<ul style="list-style-type: none"> • Payment

Exported transaction fields include:


- Transaction Number
- Amount
- Tax Amount

Inomial transaction items

Inomial transaction items are fields that hold items (e.g. invoice items, itemised credit items) for the transaction types listed above.

Exported item fields include:

- Item Code
- Item Description (for Txn items or for non-detailed Txns such as Adjustments or Receipts, the tx.comment or if this is null, the tx_type.name)
- Inomial reporting account (sales report category in Smile 6) – shown in Xero as “account”.
Note: If an equivalently named account is not already defined in Xero, it will be created on export.
- Amount
- Tax Amount

 **Note:** Changes made to an invoice in Inomial (e.g. if an invoice is reopened, changed and reissued) will be reflected in Xero.

Allocation information

When a transaction is allocated or partially allocated in Inomial, the allocation is created in Xero.

▪ **Note:** Allocation changes are also exported to Xero. However, Xero does not support allocation changes to its Credit Notes. This means that once a transaction is allocated to a Credit Note in Inomial, this allocation will be set permanently in Xero, even if the associated transaction is reallocated in Inomial.

The Xero community has requested that Xero consider supporting Credit Note reallocation. Here are two examples from the Xero Developer Help Center:

- <https://community.xero.com/developer/discussion/51522089>
- <https://community.xero.com/developer/discussion/51384327>

What information is not exported?

Existing information

Information that exists in Inomial prior to activating the Inomial-Xero integration will not be exported. It is assumed that Xero organisations are up to date with Inomial at the point of activation of the integration, and so only new information is exported from that point.

Transactions without a GL Code

Transactions that do not have an associated GL Code in Inomial (as per the relevant reporting account).

▪ **Note:** There are occasions where it is preferable not to export certain transaction types. For example, end customer payments may be initially received into Xero and then manually entered in Inomial. Using a payment type in Inomial that is associated with a receipt reporting account that does not have a GL Code will avoid the receipts from being exported to Xero (i.e. avoid duplication).

Transactions with transaction items that do not have a GL Code

Transactions with any transaction item that does not have an associated GL Code in Inomial (e.g. invoices, itemised credits).

- ✔ **Tip:** If information is not exported, but should have been (e.g. because there is no GL Code), you should do the following:
1. Correct the configuration so that new information is exported in the future, e.g. add a GL Code.
 2. Manually update Xero with what was missed.

Other notes


- All new accounts that are to be exported to Xero should be created in Inomial first. If created in Xero first and then created in Inomial, the export will generate a duplicate account in Xero.
- Changes to any of the Account fields such as name and email address will be exported to Xero. It's therefore best to update the Inomial account fields.


Example screenshots from Xero

 Fields mapped from Inomial are shown in red.

Xero contact

Contact Information

Contact Name: 
Account Name (smile02.account_contact.contact_name)
[Add account number](#)

Primary Person: 
Given Name (smile02.account_contact.given_name) Family Name (smile02.account_contact.family_name)

Email:
Email address (smile02.account_contact.email_address)
[Add another person](#)

Contact Code 2142539184 Account USN (smile02.account.usn)

Xero invoice detail

Awaiting Approval [Preview](#) [Email](#) [Print PDF](#) [Invoice Options](#)

To	Date	Due Date	Invoice #	Reference
O'Leary Xero Test...	3 Apr 2021	9 Apr 2021	23113228	

Account Name (smile02.account_contact.contact_name)
[Add last items](#)

AUD Australian Dollar Amounts are Tax Exclusive

Item	Description	Qty	Unit Price	Disc %	Account	Tax Rate	Amount AUD	
HW	Hardware is cool	1.00	10.00		44110 - Hardware Sales	GST on Income	10.00	
							<small>Subtotal</small>	10.00
							<small>Total GST 10.00%</small>	1.00
TOTAL								11.00

[Add a new line](#)

item_code or tx_type (smile02.line_item.item_code or smile02.tx_type.name) description or txcomment/tx_type (smile02.tx_item.description or smile02.tx_type.name or smile02.tx.comments) quantity (smile02.tx_item.quantity) Amount (smile02.tx_item.amount / Quantity (smile02.tx_item.quantity) Reporting Account (smile02.reporting_account.name) Set if tax applies (smile02.tx_item.taxable)

Getting started

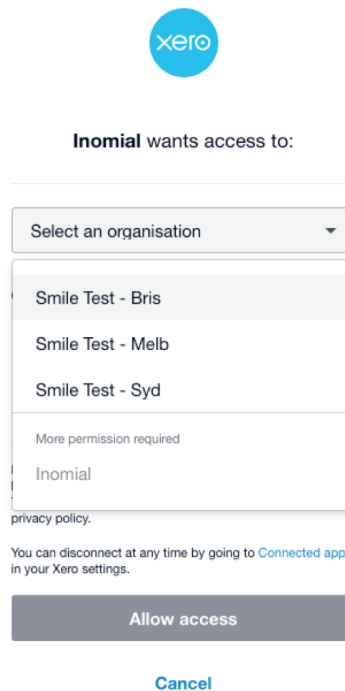
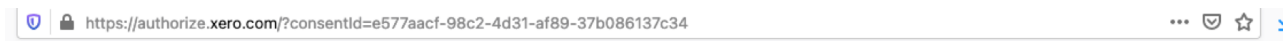
1. Contact DGIT to arrange access to the Xero module.
2. Determine how you wish Inomial account types to be mapped to Xero organisations (this can be one to one, or many to one). DGIT staff will configure this accordingly.
 - **Note:** A Xero organisation can be set as a default (even if you only have one). If an account type is added to Inomial that has not been mapped to a Xero organisation, then the default Xero organisation will be used if defined. If there is no default, then the accounts and their transactions will not be exported. Advising DGIT to set a default is generally recommended, based on the assumption that all Inomial data should be exported to Xero, and that it is usually more efficient to transfer contacts between Xero organisations than to manually enter the associated data that was not exported.
3. Review your Inomial reporting accounts and associated GL Codes. To ensure all new information recorded in Inomial is exported to Xero, all reporting accounts must have an associated GL Code. DGIT can supply a report to assist with this.
4. For customers with preexisting Xero organisations that have been manually synced with Inomial, ensure that your manual changes are up to date prior to enabling Won. DGIT will also be required to link the previously created Xero contacts to Inomial, prior to enabling Won.
5. Give Inomial permission to access your Xero organisations (see below).

Enabling Inomial to access Xero organisations

Use this procedure to give Inomial permission to access your Xero organisations.

1. In your web browser, navigate to Inomial.
2. In the browser address bar, add the following text **after** the “stage” part of the URL (e.g. test, live): /won/xeroLink. For example, <https://customer.inomial.net/test/won/xeroLink>.
3. Log in to Xero as usual. **Note:** the user you log in as must have access to the Xero organisations that are to be linked with Inomial.
4. Grant access to an organisation (see **Screenshot 1** below).
5. Repeat step 4 for any additional organisations (see **Screenshot 2** below).

Screenshot 1: Granting access to an organisation



Screenshot 2: Granting access to additional organisations



Inomial wants access to:

Select another organisation ▼

Smile Test - Syd
More permission required Inomial
Already connected Smile Test - Bris
Smile Test - Melb

You can disconnect at any time by going to [Connected apps](#) in your Xero settings.

Continue with 2 organisations

Cancel

Disabling Inomial's access to Xero organisations

If you authorise Inomial to access a Xero organisation by mistake, or you simply want to remove access, you can do the following:

1. Log in to Xero.
2. Find the relevant organisation.
3. Click the organisation name, select **Settings**, then click **Connected Apps**.
4. Click **Disconnect** next to the app you want to disconnect.
5. Click **Disconnect App** to confirm.