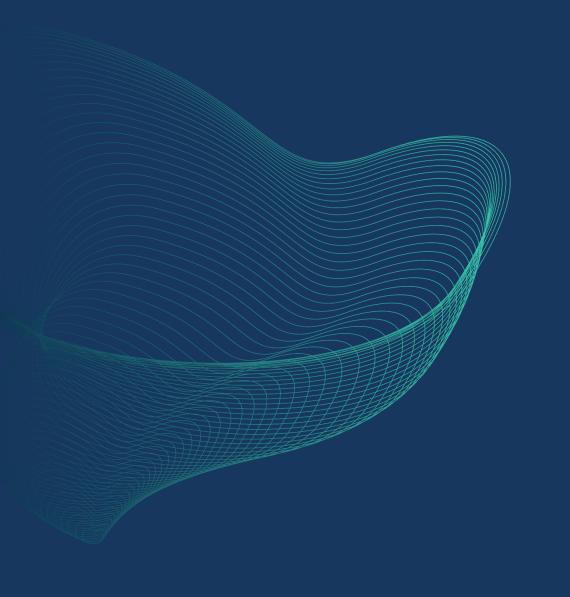


[Briefing for IRSP Prime & Access Point Providers]

Launch of C5 Solution Uplift and Grant

2 September 2024 E-Invoice Project Office, IMDA





Agenda

- C5 Solution Uplift
- C5 Grants
- Next Steps



C5 Solution Uplift





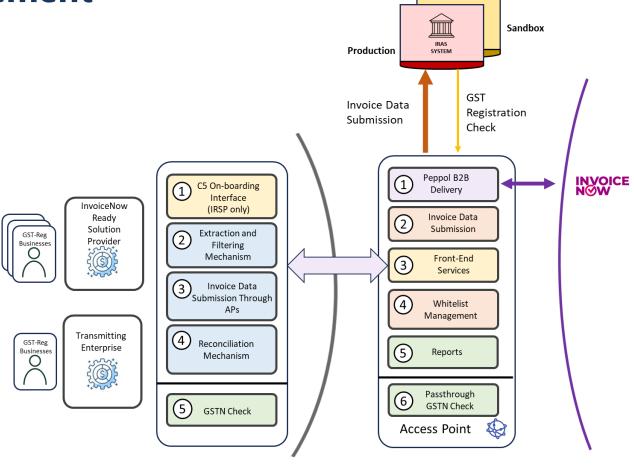
[Recap] Solution Uplift(s) Required To Support GST InvoiceNow Requirement

Enhancements on APs to minimally include

- Ability to receive Invoice Data from solutions and transmit to IRAS via API
- Management features to ensure proper traffic control

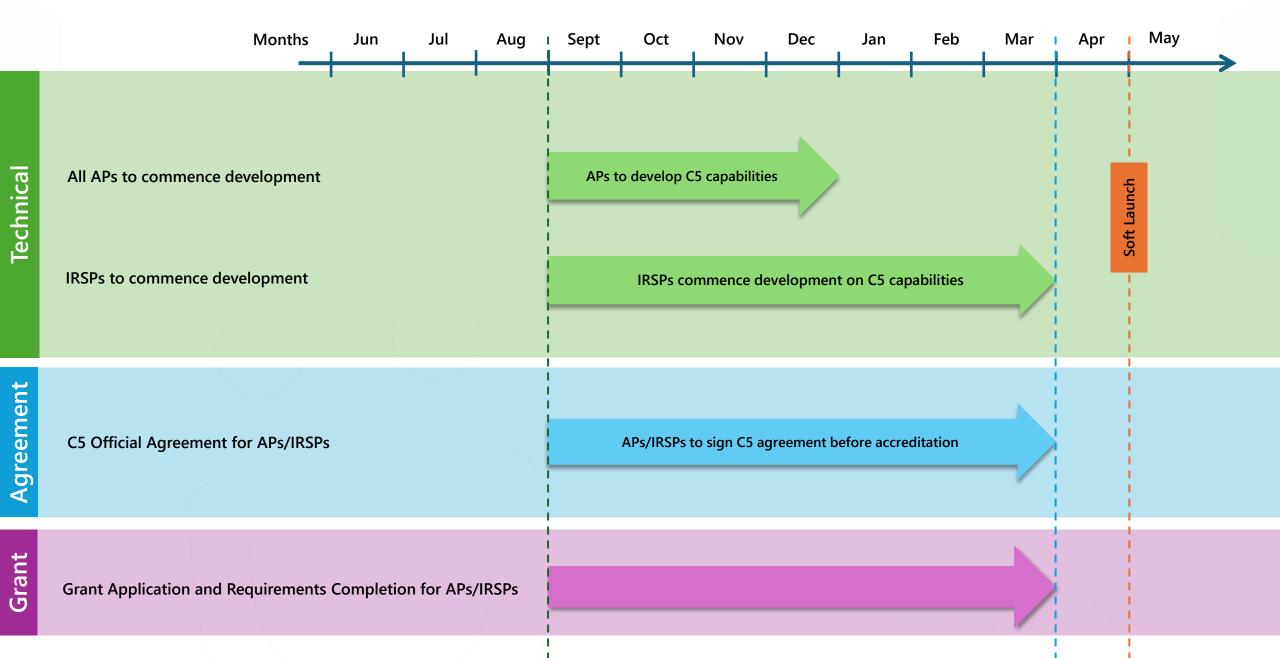
Enhancements on IRSP systems to minimally include

- Ability to deliver e-invoices over Peppol
- Ability to extract and package invoice data and channel appropriately through to IRAS through Access Points
- Ability to support reconciliation to ensure consistent and accurate submissions



Please refer to TX documents for detailed requirements

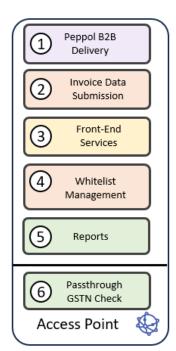
Timeline for Getting Ready for C5 Soft Launch in May 2025







Overview of AP Solution Uplift Test Modules



| S/No | Module Tested | Objectives |
|------|-------------------------|--|
| 1 | Peppol B2B Delivery | 1. To be able to transmit tax invoice through the Peppol Network |
| 2 | Invoice Data Submission | To be able to access IRAS API and submit data packages as per TX2 specifications To be able to log all submission transactions as per TX3 specifications To be able to handle errors from IRAS API |
| 3 | Front-end Service | To allow customer to submit invoice data according to the correct end destinations (Peppol Only, IRAS Only, Peppol & IRAS) in a secure manner To be able to perform validation on invoice data submitted by customers To be able to report validation & IRAS response to customers |
| 4 | Whitelist Management | To be able to activate and deactivate C5 submitter on SMP To be able to maintain the whitelist such that only activated submitters are allowed to submit invoice data via the access point to C5 |
| 5 | Reports | To be able to generate a report according to IMDA monthly report template To be able to generate report to IRSP/Transmitting Enterprise |
| 6 | [Optional] GSTN check | 1. To demonstrate that AP has a GSTN passthrough API provided to customers or partners |





Example Test Case for AP

Excerpt of a Test Script/Report

| ID | Test Case | Test Case Description | XML File Name | Action steps | Expected Behaviour | Evidence Requirements | Supporting Information / Documents | n UUID | IRAS Ack ID |
|-------|---|---|---------------|---|---|--|---|--------|----------------|
| TC201 | Transmitting tax invoices to Peppol + IRAS | TC201.1 Normal Peppol sales invoice (BIS) | A_invoice.xml | 1. Connect to frontend interface for account activated in TC101 2. Submit test files to Peppol + IRAS channel 3. Check response in the frontend interface | transmitted receipt successfully to recipient via Peppol network receipt screens 2. Screens | Peppol AS4 delivery receipt (actual file or screenshot) Screenshot showing that system logs the transaction properly | eipt (actual file or eenshot) Screenshot showing t system logs the | | |
| | | TC201.2 Normal Peppol credit note (PINT) | A_cr_BIS.xml | | channel 3. Check response in the frontend | submitted to IRAS API successfully 3. IRAS AcknowledgementID is returned back to submitter via frontend interface | 3. Screenshot of response /actual file sent back to Frontend Interface showing the IRAS AcknowledgementID | | — |

Attach required Evidences

Provide Doc UUID for IMDA's verification

Provide IRAS Ack ID for IMDA's verification

Note

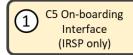
IMDA will be providing sample test files and Peppol Participant IDs used for the testing.

Break out to Excel File for detailed test case walkthrough





Overview of IRSP Solution Uplift Test Modules



Extraction and Filtering Mechanism

Submission Through

Reconciliation Mechanism

GSTN Check

| S/No | Module Tested | Obj | ectives |
|------|--|----------------|---|
| 1 | Activation of GST Registered Business | 1) | To be able to activate and de-active participants on C5 |
| 2 | Extraction and Packaging of Invoice Data | 1) | To be able to extract tax invoice data for submission to C5 To be able to create data packages as instructed in TX2 specifications. |
| 3 | Invoice Data Submission through APs | 1) 2) 3) | To be able to send data packages for appropriate AP channels for correct end destinations (Peppol Only, IRAS Only, Peppol & IRAS) To be able to handle errors during submission to AP To be able to handle errors based on IRAS error codes |
| 4 | Reporting & Reconciliation | 1) 2) | To be able to log Tax Invoice submissions To be able to provide a report for customers to perform any necessary reconciliation |
| 5 | GSTN Check (Optional) | 1) | To be able to check on C5 transactions to ascertain if the suppliers are wrongly charging GST when they are not GST Registered and advise the submitter accordingly |





Example Test Case for IRSP

Excerpt of a Test Script/Report

| Test Case | Test Case ID | Sub Test Case ID | Test Case Description | Action steps | Expected Behaviour | Evidence Requirements | Supporting Information / Documents | Document UUID | IRAS Ack ID | Remarks | | | |
|-----------------------|--|---|--|---|---|---|--|------------------|----------------|---------|--|--|--|
| Extraction a | Extraction and Packaging of Invoice Data | | | | | | | | | | | | |
| Peppol Delivery | SP_TC02 | SP_TC02.1 | Peppol sales tax Invoice (PINT) | 1) Using a GST registered UEN (A) as | 1) Invoice is sent to recipient via Peppol | 1) Screenshot of data package on UI | | | | | | | |
| and IRAS Submissio | | SP_TC02.2 Peppol sales tax Invoice (PINT) in foreign currency 2) Create an Peppol | 2) Invoice is submitted to IRAS via | 2) Screenshot of IRAS | | | | | | | | | |
| ns | | SP_TC02.3 | Peppol sales tax Invoice (BIS) | invoice/Credit Note to a IMDA provided Peppol recipient (PINT/BIS) | a IMDA provided 3) IRAS issued Acknowledgement ID | Acknowledgement 3) If data packaging is done by IRSP, to provide XML | | | | | | | |
| | | SP_TC02.4 | Peppol sales tax Credit Note (PINT) | | | | | | | | | | |
| | | SP_TC02.5 | Peppol sales tax Credit Note (BIS) | | | | | | | | | | |
| | | SP_TC02.6 | Peppol sales tax Invoice (PINT) | | | | | | | | | | |
| | | SP_TC02.7 | Peppol sales non-tax Invoice (BIS) | | | 1) Screenshot of data package on UI 2) If data packaging is done by IRSP, to | — | <i>→</i> | _ | | | | |
| | | | | | | provide XML | | | | | | | |

Attach required Evidences

Provide Doc UUID for IMDA's verification

Provide IRAS Ack ID for IMDA's verification

Provide remarks, if any





Test Scenario Dataset

Excerpt of a Test Scenario Dataset

| Test Case | Parameters of Package |
|-----------|--|
| SP_TC02.1 | Document Type: PINT Document Sub-Type: Invoice |
| | Customer (IMDA) EndpointID: <imda id="" peppol="" pint=""> Customer Legal Name: IMDA C5 Test Customer UEN: 987654321T</imda> |
| | Supplier (IRSP GST User) EndpointID: <irsp gst="" id="" peppol="" user=""> Supplier Legal Name: <irsp gst="" name="" user=""> Supplier GST #: <irsp gst="" gst#="" user=""> Supplier UEN: <irsp gst="" uen="" user=""></irsp></irsp></irsp></irsp> |
| | Line Item: 1) Red Pen, Qty: 10, Price: SGD 2, Tax Code: SR 2) Orange Pen, Qty: 5, Price: SGD 3, Tax Code: OS 3) Green Pen, Qty: 2, Price: SGD 4, Tax Code: NA |

The Dataset allows the IRSPs to create data packages according to the Action Steps, which will support the testing of different document packages, channel flow and exception handling.

Break out to Excel File for detailed test case walkthrough



How to Start Your Solution Uplift Work?





How to Start Your Solution Uplift Work?

Get Started

Begin Development

Self-Test

Submit Result

- Download and review resources
- 2. Plan development and testing schedule
- 3. Attend APs/IRSPs technical workshop

NOTE: APs should setup the APEX Cloud account to access the API as soon as possible

AP

- Develop front-end specification guide for IRSPs and customers
- Develop functional modules
- Schedule for whitelist management testing

IRSPs

- Connect solution to AP partner
- Develop C5 functional modules
- Develop user guides for business users
- Schedule for whitelist management testing

- 1. Start self-test Complete full test plan and gather all evidences for submission
- Submit Test Result and updated User guide to <u>einvoice@imda.gov.sg</u>
- 2. IMDA will validate the submission.
- 3. IMDA may request for live demo of the scenarios or test cases.

Note: If any of the test cases are erroneous, the submission will be rejected and AP/IRSPs will need to retest and resubmit.





Available Resources

| Documents for Download | | | | | | |
|--|--|--|--|--|--|--|
| Technical Specifications | Technical Specifications | | | | | |
| TX1 – Design Document Overall C5 system design | https://www.imda.gov.sg/-/media/imda/files/programme/nationwide-e-invoicing-framework/invoicenow-technical-playbook/tx1design-document-release.pdf | | | | | |
| TX2 – Data Extraction and Transformation C5 Enhancements required for market solutions and GST registered businesses | https://www.imda.gov.sg/-/media/imda/files/programme/nationwide-e-invoicing-framework/invoicenow-technical-playbook/tx2data-extraction-and-transformation.pdf https://www.imda.gov.sg/-/media/imda/files/programme/nationwide-e-invoicing-framework/invoicenow-technical-playbook/tx2annexdata-specifications.pdf | | | | | |
| TX3 – Access Point Services Enhancements required for Access Points | https://www.imda.gov.sg/-/media/imda/files/programme/nationwide-e-invoicing-framework/invoicenow-technical-playbook/tx3access-point-services-release.pdf | | | | | |
| C5 Testing Resources | | | | | | |
| C5 Testing Resources for Access Point Providers (APs) | https://go.gov.sg/c5-testing-ap | | | | | |
| C5 Testing Resources for InvoiceNow Ready Solution Providers (IRSPs) | https://go.gov.sg/c5-testing-irsp | | | | | |
| IRAS API specification* (only for APs) | AP to get from APEX Cloud | | | | | |
| Additional Information | | | | | | |
| IRAS GST InvoiceNow Requirement | https://www.iras.gov.sg/taxes/goods-services-tax-(gst)/gst-invoicenow-requirement | | | | | |
| IRAS Draft e-Tax Guide | https://www.iras.gov.sg/media/docs/default- source/uploadedfiles/gst/etaxguide gst invoicenow requirement draft v1- 1.pdf?sfvrsn=d2828aad 16 | | | | | |





APEX Onboarding (For APs only)

1. Create Account, Register App and Subscribe

APs are required to test APIs in the Sandbox environment first, before using them in Production. Kindly follow the steps provided to onboard to APEX Cloud and get access to the API services.

Complete User Guide:

https://go.gov.sg/complete-apex-cloud-userquide

2. Pre-Onboarding

A CorpPass account is required for all software developers prior to subscribing to the desired API services.

CorpPass for Non-government Users:

https://go.gov.sg/complete-apex-cloud-user-guide-corppass-for-non-government-users

3. Onboarding to APEX Cloud

After registering for a CorpPass account, developers can proceed with the onboarding by completing the steps provided:

- Log into your CorpPass account, navigate to profile to check your organization id (to record this information)
- Create Applications:
 https://docs.developer.tech.gov.sg/docs/comple
 te-apex-user-guide/sections/consuming/v2/create-application
- 3. Generate API Keys https://docs.developer.tech.gov.sg/docs/comple te-apex-user-guide/sections/consuming/v2/apikeys (to record this information)
- API Subscription https://docs.developer.tech.gov.sg/docs/comple te-apex-userguide/sections/consuming/v2/subscribe-api

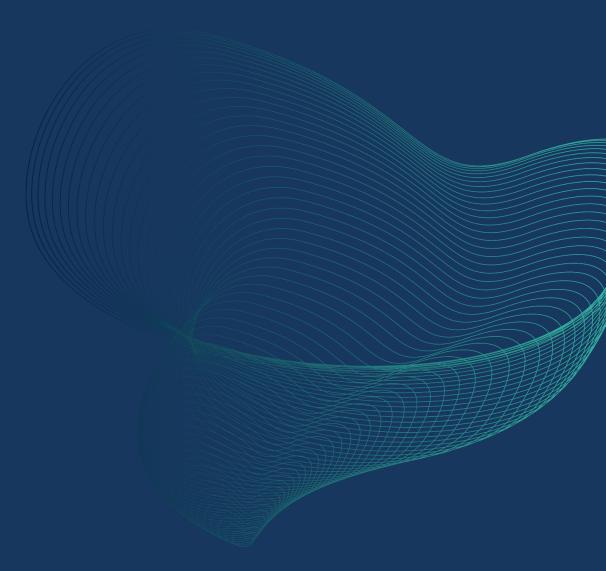
4. IRAS Onboarding

After onboarding to APEX cloud, the account and app would need to be whitelisted, so that the API can be visible to APs for subscription. IRAS will notify the APs once their accounts and app have been successfully whitelisted. Please furnish the following details to IRAS at digital partnerships@iras.gov.sg.

| Email Body | | | | | |
|---------------|---|--|--|--|--|
| Email Subject | IRAS C5 Onboarding to sandbox environment - [Company Name] | | | | |
| Email Content | Company Name & UEN AP's Contact Name, Email and Contact No. associated with the account and app in APEX Organization ID Corppass ID that corresponds to your organization | | | | |



C5 Grants



Solution Uplift Grant for Access Point Network Readiness





A **fixed \$50,000** grant for IMDA accredited Access Point providers to uplift their system capabilities to support the GST InvoiceNow Requirement by 31 March 2025. Specifically, the enhanced features must minimally include:

- Submit invoice data to C5;
- Provide differentiated submission channels for tax data and non-tax data;
- Provide C5 activation function; and
- Provide data validation and reconciliation, whitelist management and reporting functions.

Is your business eligible?

- Applicant must be an IMDA accredited Access Point Provider.
- Applicant must have at least 10 customer UENs registered on InvoiceNow.

How to apply for this grant?

- 1. Write in to einvoice@imda.gov.sg to express your interest to apply for grant.
- IMDA will send you the application form with a guide.
- Submit complete application form and all supporting documents to <u>einvoice@imda.gov.sg</u>, cc IMDA Caro (<u>caro@imda.gov.sg</u>) and your assigned account manager.
- 4. If application is assessed to be complete, IMDA will send you an acknowledgement email.
- 5. If your application is successful, IMDA will issue you the Letter of Offer (LOF).
- 6. Submit signed Letter of Acceptance to einvoice@imda.gov.sg and cc IMDA Caro (caro@imda.gov.sg) and your assigned account manager.

The LOF will be issued to the **first 20 applicants** who have submitted the complete application form with all supporting documents.

Solution Uplift Grant for IRSP Prime Network Readiness





A **fixed \$80,000 grant** for IMDA accredited InvoiceNow Ready Solution Providers (Prime) to enhance their solutions to support the GST InvoiceNow Requirement by 31 March 2025. Specifically, the enhanced features must minimally include:

- Activate GST Registered Businesses for C5 submission;
- Extract and package Invoice Data;
- Transmit GST relevant Invoice Data; and
- Provide reconciliation function.

Is your business eligible?

- Applicant must be an IMDA accredited InvoiceNow Ready Solution Provider (Prime only).
- Applicant must have at least 10 customer UENs registered on InvoiceNow.

How to apply for this grant?

- Write in to <u>einvoice@imda.gov.sg</u> to express your interest to apply for grant.
- IMDA will send you the application form with a guide.
- 3. Submit complete application form and all supporting documents to einvoice@imda.gov.sg, cc IMDA Caro (caro@imda.gov.sg) and your assigned account manager.
- 4. If application is assessed to be complete, IMDA will send you an acknowledgement email.
- 5. If your application is successful, IMDA will issue you the Letter of Offer (LOF).
- 6. Submit signed Letter of Acceptance to einvoice@imda.gov.sg and cc IMDA Caro (caro@imda.gov.sg) and your assigned account manager.

The LOF will be issued to the **first 50 applicants** who have submitted the complete application form with all supporting documents.

Free Solution Package Grant for IRSP Prime



Up to \$50,000 grant each for IMDA accredited InvoiceNow Ready Solution Provider (Prime) who provides Free of Charge package to GST-registered businesses complying to GST InvoiceNow Requirement based on the following tiers:

- \$10k Complete C5 solution uplift and commit to provide FOC package for GSTregistered businesses complying to GST InvoiceNow Requirement for a period of 2 years from 1 April 2025 to 31 March 2027.*
- \$20k- Register 50 (cumulative) C5 participants submitting data to C5;
- \$20k- Register 100 (cumulative) C5 participants submitting data to C5.

*Note: The \$10k is tied to the Solution Provider's commitment to provide FOC package, and not tied to number of registration of C5 participants.

For illustration, if the Solution Provider registered 70 (cumulative), the payout is \$20k (for the 50 tier). The Solution Provider will only get another \$20k for the 100 tier when the cumulative registration is at least 100.

Is your business eligible?

- Applicant must have applied for the Solution Uplift Grant for IRSP Prime Network Readiness and received IMDA acknowledgement of application.
- Applicant must be an IMDA accredited InvoiceNow Ready Solution Provider (Prime only).
- Applicant must have at least 10 customer UENs registered on InvoiceNow.

Next Step: please write in to express your interest

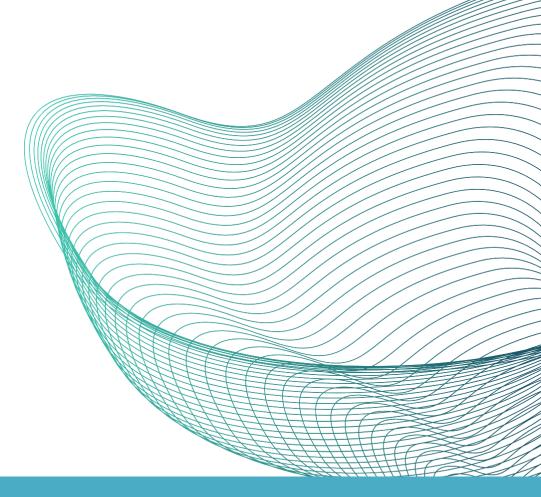
- 1. Write in to einvoice@imda.gov.sg to express your interest to apply for the grant.
- 2. We will get in touch with you on the next steps.

Up to 20 Free Solution Package Grant will be made available for IRSP Primes.



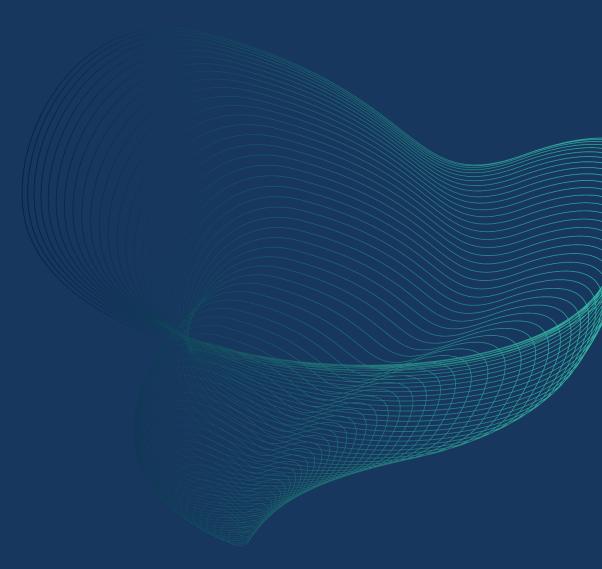


Walkthrough: Grant Application Form





Next Steps







Next Steps



IMDA will share the slides & links to sign up for the upcoming technical workshop.



Please refer to the sample emails for expression of interest for C5 grants in the slides.



Each AP / IRSPs will be assigned to an IMDA account manager (AM). AM will reach out to you respectively after the briefing.



C5 agreement with APs and IRSP Primes will be made available in end 2024/early 2025. You need to sign the agreement by March 2025 in order to be accredited to offer C5 services in Singapore (and receive the grants, if applicable).





[For IRSP Prime] Set-up Sub-Org in SMP

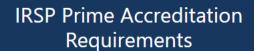
Sub-Org in SMP

 IRSP Prime is required to register suborg in the SMP by 30 Sep 2024. IRSP's customers should be registered under the sub-org.

Next Step

- IRSP Prime to engage the AP to create the sub-org in the SMP, if have not done so
- The grant application form for "Solution Uplift Grant for IRSP Prime Network Readiness "will only be issued to IRSPs who have created the sub-org in the SMP.
- IMDA will share the template with IRSPs for listing the customers to be moved to the sub-org by 30 Sep 2024.
 The move will be done by IMDA at the backend.

[Recap] Briefing Slide to then PRSPs – 15 Aug 2024







New IRSP accreditation requirements will apply from Sep/Oct 2024 (exact date will be shared later).
 The new IRSP accreditation will include support for Invoice Now and GST Invoice Now
 Requirements:

InvoiceNow

- a) Register users on Peppol
- Send and receive Peppol e-invoice
- c) Receive Purchase Order
- d) Convert/flip Purchase Order to Invoice
- e) Send and receive invoice responses

GST InvoiceNow Requirement

- f) Activate GST Registered Business
- g) Extract and package Invoice Data
- h) Transmit GST relevant Invoice Data
- i) Provide reconciliation feature
- IRSP Prime is to complete testing and sign official agreement with IMDA to complete the accreditation process by 31 Mar 2025. (Details will be shared later).
- All IRSP accreditation status will be synchronized to end on 31 Mar 2025.
- Resellers certified by the accredited IRSP Prime will be listed as IRSP Reseller on IMDA's website.
- IRSP Prime is to be registered as a sub-org in the SG SMP by 30 Sep 2024.
- Upon successful accreditation by the IRSP Prime by 31 Mar 2025, the accreditation status
 of the IRSP Prime and its certified IRSP Reseller(s) will remain in effect until the next
 renewal.





C5 Technical Workshop Registration

| Name of Workshop | Date & Time (Duration 1.5 Hr) | Zoom Link | QR Code |
|-------------------------------------|----------------------------------|---|--|
| C5 Technical Workshop for AP (#1) | 10 Sep @ 3pm | https://gov- sg.zoom.us/webinar/register/WN_elij67Z4SKqyh9_8yiG5Ew | GO gosts o |
| C5 Technical Workshop for AP (#2) | 20 Sep @ 2pm | https://gov- sg.zoom.us/webinar/register/WN_uwXWKm8sTFed6P2VlulV FQ | GO gosto gostos de la companya de la |
| C5 Technical Workshop for IRSP (#1) | 12 Sep @ 2pm | https://gov- sg.zoom.us/webinar/register/WN_nRwGSqYGRMihcX5EJKW RvA | Magazing garagidandhangt |
| C5 Technical Workshop for IRSP (#2) | 18 Sep @ 3pm | https://gov- sg.zoom.us/webinar/register/WN_BW8tA4LJQEaJ5aED_AsOa Q | Manufagasagatantanga |





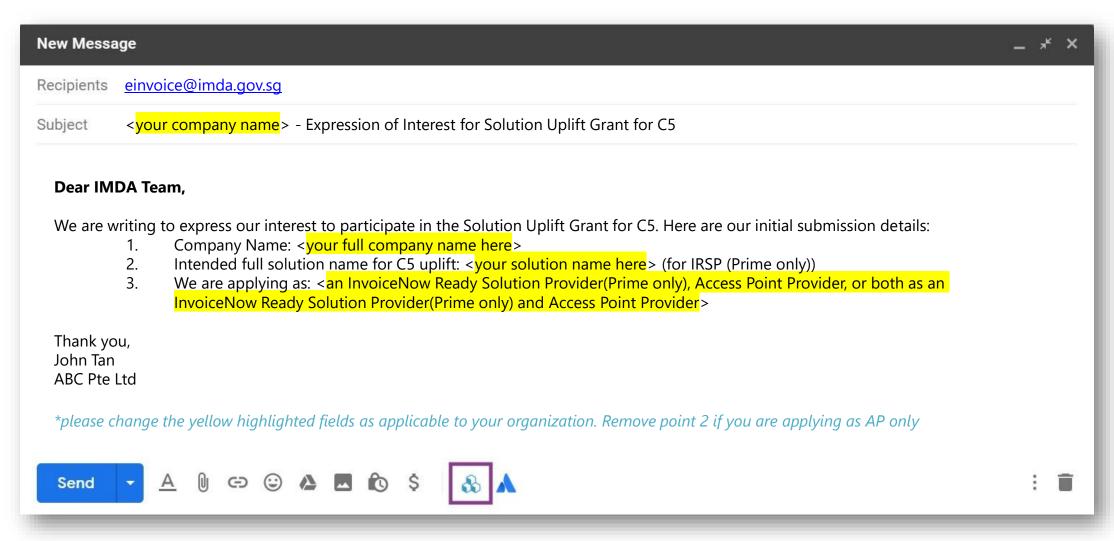
Available Resources

| Documents for Download | | | | | |
|--|--|--|--|--|--|
| Technical Specifications | | | | | |
| TX1 – Design Document Overall C5 system design | https://www.imda.gov.sg/-/media/imda/files/programme/nationwide-e-invoicing-framework/invoicenow-technical-playbook/tx1design-document-release.pdf | | | | |
| TX2 – Data Extraction and Transformation C5 Enhancements required for market solutions and GST registered businesses | https://www.imda.gov.sg/-/media/imda/files/programme/nationwide-e-invoicing-framework/invoicenow-technical-playbook/tx2data-extraction-and-transformation.pdf https://www.imda.gov.sg/-/media/imda/files/programme/nationwide-e-invoicing-framework/invoicenow-technical-playbook/tx2annexdata-specifications.pdf | | | | |
| TX3 – Access Point Services Enhancements required for Access Points | https://www.imda.gov.sg/-/media/imda/files/programme/nationwide-e-invoicing-framework/invoicenow-technical-playbook/tx3access-point-services-release.pdf | | | | |
| C5 Testing Resources | | | | | |
| C5 Testing Resources for Access Point Providers (APs) | https://go.gov.sg/c5-testing-ap | | | | |
| C5 Testing Resources for InvoiceNow Ready Solution Providers (IRSPs) | https://go.gov.sg/c5-testing-irsp | | | | |
| IRAS API specification* (only for APs) | AP to get from APEX Cloud | | | | |
| Other Information | | | | | |
| IRAS GST InvoiceNow Requirement | https://www.iras.gov.sg/taxes/goods-services-tax-(gst)/gst-invoicenow-requirement | | | | |
| IRAS Draft e-Tax Guide | https://www.iras.gov.sg/media/docs/default- source/uploadedfiles/gst/etaxguide gst invoicenow requirement draft v1- 1.pdf?sfvrsn=d2828aad 16 | | | | |





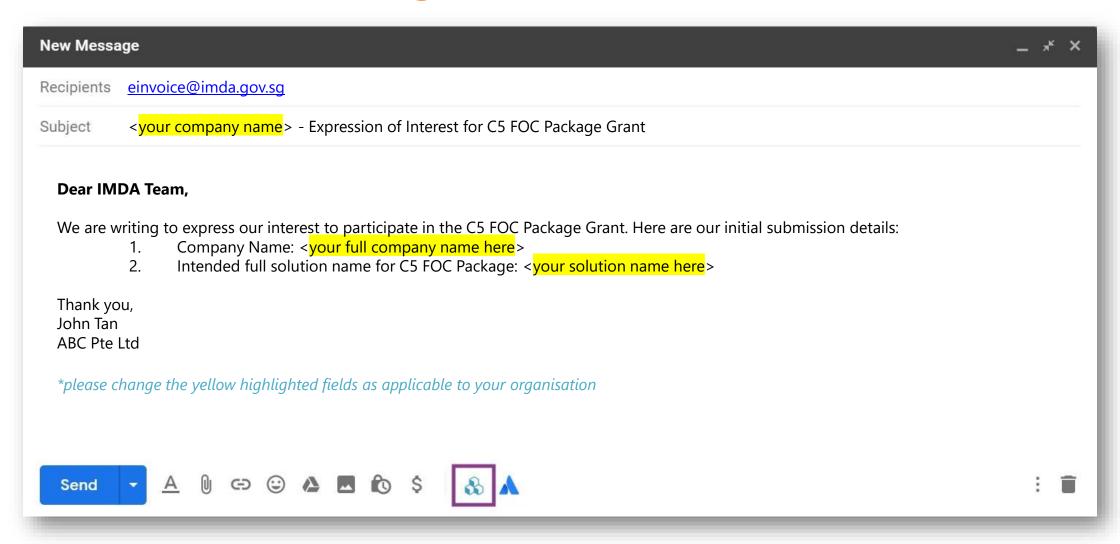
Sample for writing to IMDA for Expression of Interest for C5 Solution Uplift Grant





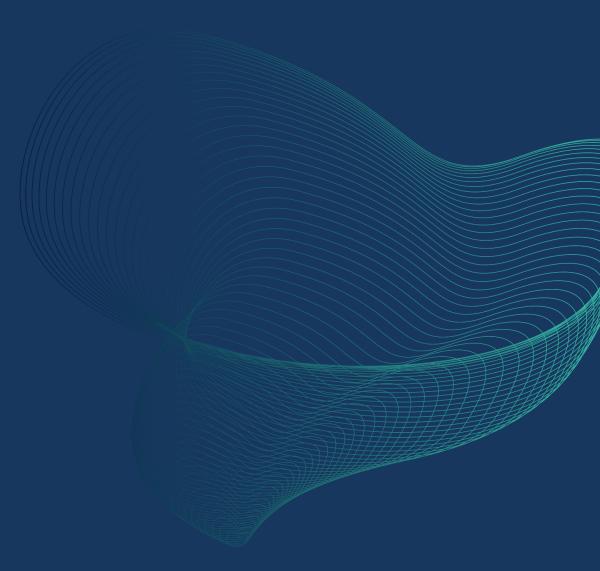


Sample for writing to IMDA for Expression of Interest for C5 FOC Package Grant

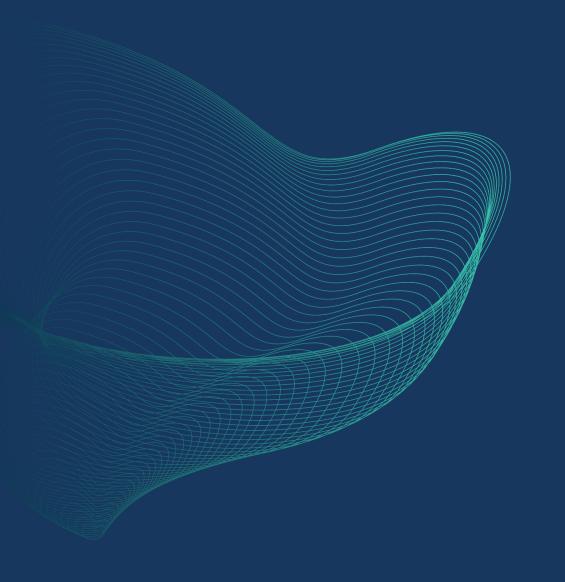




Q&A







Thank You

Contact Our Team einvoice@imda.gov.sg