Documentation (including guides, videos etc.) *

PRODA:

- PRODA B2B Unattended Developer's Guide
- PRODA B2B High Level – 3rd Party Vendors
- B2B Best Practice - Developers Guide
- Guide for creating PRODA Vendor Individual Account and Linking (Vendor)
- Creating a PRODA Individual Vendor Account for use in the Vendor environment (video)
- Linking a PRODA Organisation Vendor Account and creating Device etc. for use in the Vendor environment (video)
- PRODA Device Management User Guide
- PRODA Sample SoapUI Project
- PRODA Device Example in VB.net.zip (see 'PRODA Device Example Documentation.pdf' in zip file)
- PRODA Device Example in PHP.zip (see 'Usage.txt' in zip file)
- PRODA Webinar Presentation
- PRODA Webinar Videos
- PRODA Step by Step Guide (Production)

AIR:

- AIR - End to End Process for Software Developers (this document)
- AIR Developers Guide
- Linking your PRODA organisation to Medicare Online (Including ECLIPSE, DVA and AIR)
- AIR Vaccine Code Formats
- AIR Message Code List
- AIR Web Services Change Guide
- AIR Common Rules
- AIR Developers Guide AIR TECH.SIS documents
- AIR SoapUI Users Guide
- AIR Sample SoapUI Project.zip

PBS:

- PBS Online Developers Guide

Health Systems Software Developers Portal – Instructions and Guides:

- AIR - End to End Process for Software Developers (this document)
- PBS Online – End to End Process for Software Developers
- Creating an Application and Subscribing to web services in the Software Developer Portal

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Introduction

The purpose of this document is to explain the end-to-end process to be followed by AIR only and PBS Online software developers who are ready to develop products for AIR web services.

Medicare Online software developers who are ready to develop products for AIR web services should use the End to End Process for Software Developers – Medicare Online and ECLIPSE document.

Note: AIR only and PBS Online software developers are those who develop products that can be used by clients that are recognised vaccination providers with an AIR ancillary provider number e.g. Community Health Centres, Councils and Pharmacies

Data Elements

This is a list of Key data elements mentioned in these documents. Other data elements will be detailed in the individual documents listed above.

Data Element Name	Description	Developer	HCL
Australian Business Number (ABN)	Australian Business Number of the company as registered on the Australian Business Register (ABR)	✓	✓
Consumer Organisation Name	Company name (as listed on the ABR)	✓	✓
Authorised Officer (AO)	This person must be a representative from the organisation who is listed as an Associate on the ABR (e.g. Director)	✓	✓
Device Activation Code	Generated in PRODA when registering the B2B device	✓	✓
Device name	Created by the end user when registering the B2B Device in PRODA	✓	✓
PRODA Client ID	This Id is issued to the software developer by the Developer Liaison team. (e.g. ABC00002)	✓	
PRODA Individual RA Number	Generated when registering a PRODA Individual account	✓	✓
PRODA ORG ID / RA Number	Generated when registering an Organisation in PRODA	✓	✓
X-IBM-Client ID / Client Id	Application ID (product) – generated by Health Systems Developer Portal (refer to page 9 - Where to find the X-IBM-Client Id (Client Id) in the Developer Portal)	✓	
Minor Id / Location Id	The Minor Id and Location Id are used interchangeably by the agency. This Id is issued to the software developer by the Developer Liaison team via email as part of the initial registration process. (e.g. ABC00000). The Health Care locations will be issued subsequent Minor IDs by the product owner, using the 3 letter acronym as the first part of their Minor ID (e.g. ABC00003; ABC00004; etc)	✓	✓

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End to End Process for Software Developers – AIR
End to end process for software developers

Step	Process	User Guide / Document/s required	Description
1.	REGISTER - PRODA INDIVIDUAL (in Production environment)	• PRODA Step by Step Guide	As an Authorised Officer (AO) of a developer organisation, you must have a PRODA production individual account before being able to register your organisation in the Health Systems Developer Portal (the Portal). **Note:** An individual PRODA account is not required for other staff at this time.
2.	REGISTER - HEALTH SYSTEMS DEVELOPER PORTAL		You can register your organisation in the Portal to access web services development material. To register your organisation in the Portal, you must be a legally authorised officer of the company (e.g. Director) Once the registration has been submitted, Developer Liaison 'on-boards' your organisation in the Portal and sends you your login details (username) via email. **Note:** PRODA is not used to log into the Portal.
3.	SIGN IN TO THE DEVELOPER PORTAL		The Portal provides a secure platform where you can access licensed material and APIs to aid in the development of web services. Once logged in, you may choose which web service programmes and functions your organisation needs to access.
4.	ACCEPT INTERFACE AGREEMENT		After logging into the Portal with the username assigned to you by OTS, you will be required to accept the Interface Agreement and agree to the associated policies. **Note:** The AO must be legally authorised to accept the Interface Agreement on behalf of their organisation, as this is a legal contract between their organisation and Services Australia.

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End to End Process for Software Developers – AIR

			Once the agreement and associated policies have been accepted online, OTS will notify you via email when access has been approved and you can view web services and technical documents relating to the chosen functions. Developer Liaison will also provide: • a Minor ID or Location ID • a 'PRODA development package' to assist with PRODA integration • test data to use when developing product/s.
5.	DELEGATE ADDITIONAL ACCESS		As per the instructions sent by Developer Liaison to the Authorised Officer (AO), if required they can 'invite' additional staff to the portal giving them 'Administrator' access, 'Developer' access or 'View Only' access. With 'Administrator' and 'Developer' access, additional staff can subscribe to APIs and access development material. Invited staff will be sent an email asking them to set up a username and password. The username of each individual must contain the alpha letters of the Minor ID of the organisation e.g. *John_ABC*
6	CREATE YOUR APPLICATION	• Creating an Application and Subscribing to web services in the Software Developer Portal	To successfully add an API, you first need to create an application in the Portal by going to the "Your Applications" tab and clicking on "Create New App". Your application must be given a name and version number. Once your application has been created, an API Key (Client ID) details will be generated. You can click on the 'show' tick box to view or copy these details.

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End to End Process for Software Developers – AIR

7.	SUBSCRIBE - PRODUCTS / APIs	• Creating an Application and Subscribing to web services in the Software Developer Portal	You will need to subscribe to the APIs for your chosen products by selecting 'view product' from the Home page, or by going to the 'API Products' tab. Once subscribed, you will be able to access/download development material for your chosen web service function/s. If you have not subscribed to a product, you will not be able to access the APIs nor successfully complete the testing process.
8.	DOWNLOAD DOCUMENTATION	• AIR TECH.SIS documents • AIR SOAPUI project • AIR User guides	Download documents required for development - refer to 'User Documentation tab, then select the 'Document Link' for the chosen program. These documents will outline the business rules required for each function and complement the APIs that are available. The SoapUI project will allow you to test your connection to the test environment and simulate/mock each web service request.
9.	DEVELOP PRODA AUTHENTICATION SOLUTION	• PRODA B2B High Level - 3rd Party Vendors.pdf • PRODA B2B Unattended Developers Guide.pdf • B2B Best Practice - Developers Guide.pdf • PRODA Device Management Users Guide.pdf • The 'PRODA Webinar Videos'	Using the PRODA documentation your PRODA authentication solution will need to be developed before your web services product/s. Please read the PRODA documentation for the test/vendor environment prior to commencing PRODA development to ensure a full understanding of authentication requirements. You can find this information by selecting 'View licensed material' for PRODA from the Home page. Note: In order to start their development Developers need to create PRODA Vendor Credentials. Developers should use the following guide which details the steps with creating PRODA Vendor credentials: • Guide for creating PRODA Vendor Individual Account and linking your Organisation.pdf' The guide is available on Health Systems Developers Portal via the 'User Documentation' > 'PRODA Documentation' options.

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End to End Process for Software Developers – AIR

10.	DEVELOP PRODUCT/S	• AIR SoapUI Users Guide • AIR TECH.SIS Documents • AIR User Guides	You will build your web services product/s to agency specifications using APIs, technical specifications and SoapUI to simulate/mock each web service request.
11.	SUCCESSFULLY TRANSMIT A REQUEST TO VENDOR		A test transmission, using the test data supplied by Developer Liaison, should be sent to Vendor environment to establish the successful connection to the Medicare Online/ECLIPSE/DVA/AIR channel.
12.	COMPLETE CERTIFICATION TESTING		You will be required to 'Apply for certification' of your application through the Health Systems Developers Portal by selecting the 'Home' tab, selecting the 'Certification' tile and selecting the 'View certification' button. The certification process is performed online where the Application Software Developer can retrieve Preliminary and Integration Test Plans, monitor your testing process and communicate with the Integration Testing team. After you have completed and submitted the 'Application Details Form'. The OTS Product Integration team will allocate an initial booking period to undertake certification testing, and a testing officer will be assigned to assist. You will now undertake testing to ensure your product is able to pass all certification tests.
13.	CERTIFICATION ISSUED		Upon successful completion of certification testing, your product will receive certification, the Developer Liaison team will be notified and certification will be issued. The Developer Liaison team will send the Authorised Officer (AO) of a developer organization an email containing the certification and the production details for your certified product. Before you deploy your certified web services product to your sites, please ensure you update the production data values and URL\endpoints. The product can then be made available to end users and be used to transmit in the production environment.

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End to End Process for Software Developers – AIR
End to End process for Health Care Locations (Production environment)

This process has been included to outline the process for Health Care Locations (HCLs) to set up their software and start transmitting in the Production environment under AIR web services.

Pre-requisite – The HCL has been assigned a unique Minor ID or Location ID (e.g. ABC12345) by the software developer and this is advised and recorded in the agency's system by the HCL.

Step	Process	User Guide Document/s	Description
1.	REGISTER - PRODA INDIVIDUAL	PRODA Step by Step Guide (Production)	Individual PRODA account registration must be completed by: • the individual listed on the company ABN as the authorised Officer, and • all staff who will be delegated membership attributes (in step 2)
2.	REGISTER - PRODA ORGANISATION	PRODA Step by Step Guide (Production)	The ABN authorised representative can register the organisation in PRODA and will assume the role of Director. The Director can delegate other roles (if required) to other individuals that have an Individual PRODA account.
3.	REGISTER - B2B DEVICE ACTIVATE - B2B DEVICE	PRODA Step by Step Guide (Production)	The B2B Device must be registered before transmissions can be sent. To complete this process, the HCL will need: • PRODA ORG ID / RA NUMBER (from Step 2) • Device name (created by end user) • Device Activation Code (generated in PRODA) The AIR Location activates the device using the Software Developers application.

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End to End Process for Software Developers – AIR

4.	REGISTER FOR AUSTRALIAN IMMUNISATION REGISTER VIA THE SERVICES AUSTRALIA WEBSITE.	1) https://www.servicesaustralia.gov.au/organisations/health-professionals/forms/hw027 (Medicare Online & ECLIPSE & Australian Immunisation Register) 2) https://www.servicesaustralia.gov.au/organisations/health-professionals/forms/im004 (Register as vaccination provider – Australian Immunisation Register) • Register	Complete and submit the necessary registration form providing: • PRODA Organisation RA Number • Minor ID • Vaccination Provider Number For assistance call eBusiness on 1800 700 199 or the AIR Helpdesk on 1800 653 809. The registration form\s are completed, signed and sent to the eBusiness & AIR Helpdesk teams for processing.
5.	ADD SERVICE PROVIDER (i.e. Medicare Online\Eclipse\DVA\AIR)	• PRODA Step by Step Guide (Production)	The Service Provider must be registered before transmissions can be sent. I.e. Medicare Online\Eclipse\DVA\AIR To complete this process, the AIR Location will need: • Minor ID This then completes the process of linking the AIR location to AIR.
6.	COMPLETE - Organisation Linking process – send a successful transmission	• PRODA Step by Step guide (Production)	To complete the process of linking the health care location to Medicare Online adding the 'Medicare Online\Eclipse\DVA\AIR' Service Provider to the PRODA Organisation. It is recommended for the first successful transmission using either the AIR Record Encounter or AIR Planned Catch Up Date web service.

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End to End Process for Software Developers – AIR

Where to find the X-IBM-Client Id (Client Id) in the Developer Portal

On the home page, select the tab *Your Applications*.

Select your chosen application and click on *Subscriptions*.
The Client ID/API Key (X-IBM-Client Id) is hidden and is used in the transmissions to the Vendor environment.
Note: the Client Secret is not used in the transmissions.

Click on the copy icon and paste the details into Notepad or Word.

Note: When entering your software details in the Developer Portal select the 'Your Applications' menu and the 'Create new app' function and please ensure you include a version number for your product. E.g. MagicMedicalSoftwareV1.0.

For further information see the video on the Health Systems Developers Portal via the 'User Documentation' > 'Instructions & Guides' > Creating an Application and Subscribing to web services in the Software Developer Portal links.

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