



# Provisioning AAPT DSL

## User Manual

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## About This Document

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### Purpose

The purpose of this document is to describe the operation of the Emersion Ordering and Service Management functions for AAPT DSL. Other Emersion user manuals describe the use and operation of other system modules, such as Customer Management and Package Management, which may be mentioned or referred to within this manual.

### Intended Audience

The intended audience for this user manual are sales, provisioning and other administration staff of a service provider who order and provisioning services for customers within the Emersion System.

### Document Control

Version	Date	Description	Author
1.0	16/08/2012	Initial version	Kathy Berkidge
1.1	28/11/2012	Service Properties, minor changes	Peter McCallum
1.2	09/01/2013	Minor changes	Tina Higgins
2.0	30/1/2013	Added screen shots for Service Management	Paul Dundas

## Introduction

On behalf of the team at Emersion, we would like to take this opportunity to welcome you to Emersion. Emersion may update the system to improve your experience. Enhancement and new features and changes may be implemented beyond the date of the creation of this document. Therefore, some information or screens in this version of the manual may become slightly out of date.



Note that other Emersion modules referred to in this manual are not described in detail in this document. Please refer the specific Emersion system manual for further information about each module if required.

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Your Wholesale Service Provider will provide you with a username and password to access the Emersion system. The Emersion system components are seamlessly integrated and you will access all Emersion system modules from a single Web interface through the Emersion Cumulus user interface.

## Document Conventions

The following conventions are used throughout this manual to describe information and procedures:

<i>Italics</i>	Indicates the name of a screen, field or setting. The capitalisation and punctuation are the same as displayed on the screen. For example: Complete the <i>Address</i> field.
<b>Bold text</b>	Bold text indicates either the name of a command, button or other interactive element. For example: Type the user's name in the <i>Customer Name</i> field, and then click <b>Search</b> .
<b>BOLD CAPITALS</b>	Text in bold capitals indicates the name of a key on a keyboard. For example: Type your password, and then press <b>ENTER</b> .
<b>Navigation &gt;</b>	Menu options or navigation paths are described in shorthand using the following convention: <b>Module &gt; Functional Area &gt; Option</b> For example, selecting the Account Profile area can be described as: Select <b>Admin &gt; Settings &gt; Account Profiles</b> from the Menu.
Monospace text	Used to represent the text you may type in a field. For example Type <code>abc</code> in the <i>Search</i> field.



The ⓘ symbol indicates some useful information or a handy tip.

Where possible all images are taken directly from the Cumulus User Interface.

## Assumptions Made

As this manual cannot hope to cover more than the operation of the Emersion Order and Service Management functions, the following assumptions have been made:

- You are familiar with the Emersion Customer Management System and you can competently use it.
- You have an agreement to obtain AAPT services through an aggregator / supplier of AAPT.
- You have a detailed understanding of the service and ordering requirements of the AAPT service.
- You have a computer that you can competently operate.
- You have an Internet connection, and are capable of establishing a connection.
- A Web Browser capable of supporting Web 2.0 functionality is installed on your computer.
- Acrobat® Reader version 6.00 or higher is installed on your computer.
- You have a basic understanding of computer and Internet terminology.
- You have a basic understanding of the day-to-day business operations of a Service Provider.

## AAPT DSL

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Emersion interfaces to AAPT's provisioning system to enable you to submit and process service requests for DSL services, process provisioning responses from AAPT, as well as to retrieve billing and usage data to automatically create invoices for your customers containing all charges associated with their DSL services. Provisioning responses are automatically received from AAPT and processed by the system for all DSL service requests.

### Overall Provisioning Process

The overall process for provisioning AAPT DSL services is as follows:

- |    |                            |  |
|----|----------------------------|--|
| 1. | Create Customer            | Create the customer account record   |
| 2. | Create Order               | Order a DSL service  |
| 3. | Service Qualification (SQ) | Perform a SQ   |
| 4. | Select Order Type          | Enter the request type i.e. a new pre-select or churn existing DSL service from another service provider |
| 5. | Select Package Plan        | Select the required package plan   |
| 6. | Configure Service          | Enter configuration details for the service  |
| 7. | Customer Authorisation     | Enter the customer authorisation details   |
| 8. | Submit Order               | Submit the order   |
| 9. | Monitor Order              | Monitor the submitted order for changes or errors until completion using the <i>Provisioning Log</i> .   |

Once orders have been created, you can use the following modules to manage orders and services:

- Service > Order View order details and return to any incomplete orders
- Service > Provisioning View the overall provisioning log
- Service Management View and manage the service subscription

## Create Order

The first step of the provisioning process is to create a service order for an existing customer. You may also use the order process to check a particular service number's availability to obtain the pre-select service without selecting a customer.

1. Select **Customers > Customer List >** from the **Menu**. The *Customer List* page will display showing a list of existing customers.
2. Locate the customer you wish to provision the service for in the list and click either the **Account Number** or **Customer Name** link in the list. The *Customer* page will display showing the account information summary.
3. On the *Customer* page, select the **Order** tab. The *Create Order* page will display.  
Alternately, click the **Create Order** link beside the required customer in the *Customer List* page.



Figure 1. The *Customer List* showing the *Create Order* link

4. Tick the **Broadband Connect - L2** service check box. A list of Packages available for the AAPT DSL service will display.

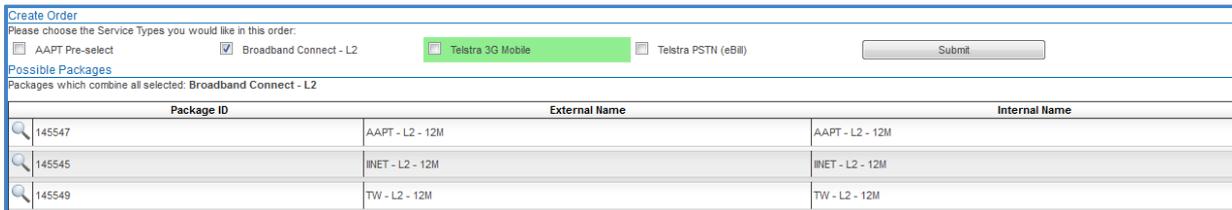


Figure 2. The *Create Order* page showing examples of *AAPT DSL* service packages

5. Click **Submit**. The *Service Qualifications* page will display showing the SQ details and available order types.  
No order types will be available until a SQ has been performed that confirms that the service can be provisioned.

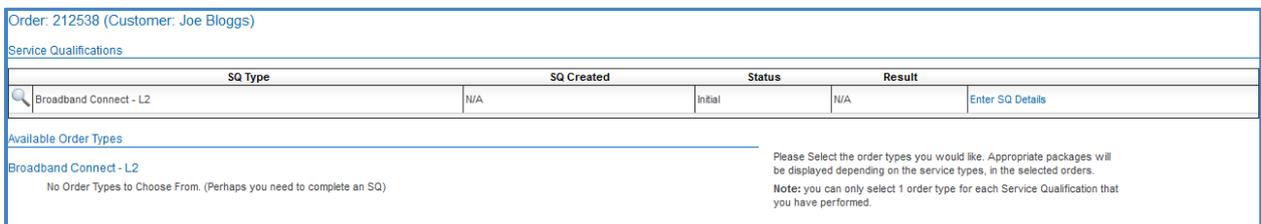


Figure 3. The *Service Qualifications* page

## Service Qualification (SQ)

The Service Qualification (SQ) function verifies that the AAPT DSL service can be provisioned. AAPT DSL services can be provisioned in 2 ways:

- Create a new service for an existing telephony service that does not have an existing DSL service (new), or
- Transfer an existing DSL service from another DSL provider (churn)

Regardless of the provisioning type, a SQ must be performed as part of the Order process. However, you can perform a SQ to check availability before entering an order. An AAPT DSL provisioning order will not be saved until a SQ is successfully completed that confirms that the service can be provisioned.

1. On the SQ page, click the **Enter SQ Details** link. The *Broadband Connect - L2 Service Qualification* page will display.

Figure 4. The *Broadband Connect - L2 Service Qualification* page

2. Select the method to create the order from the option buttons, as follows:
  - For a new DSL service on a telephony service that does not have an existing DSL service select the **Create a brand new service (New)** option
  - For an existing DSL service from another DSL provider, select the **Transfer your existing service from another provider (Churn)** option.
3. Enter the customer's existing telephone number to provision the DSL service on in the *Phone Number* field.
4. Click the **Proceed** button.
5. The *Order* page will display showing a system generated order number and show the *Status* of the SQ as well as the *Result*, which will correspond to the type of order selected in step 2.

When you submit a SQ, Emersion interacts with AAPT's provisioning system to confirm the provisioning order type and details entered. Until a response is received from AAPT's system, the SQ status will remain *Pending*.

Once the system has completed the SQ and received a response from AAPT, the SQ *Status* will show *Success*, with the SQ *Result* corresponding to the type of order selected.

Order: 212533 (Customer: Joe Bloggs)				
Service Qualifications				
SQ Type	SQ Created	Status	Result	
Broadband Connect - L2	8 Jan 2013 15:09:38	Success	Service 0395105614 is available	
			Finalised	

Figure 5. The *Service Qualification* page showing a completed SQ

6. If you wish to perform another SQ, click the **Re-Submit** link. The system will return to the *Broadband Connect - L2 Service Qualification* screen to allow you to perform another SQ as required.

## Order Package Plan

Once the SQ has been completed successfully, you need to select the package plan to create the service against. The package selected will determine the charges and costs to on bill to your customer, as well as determine any other services that may be bundled together under the package to provide the customer.

1. Once the SQ has completed successfully, a list of available packages for the AAPT DSL service will be displayed.

Order: 212533 (Customer: Joe Bloggs)

Service Qualifications

SQ Type	SQ Created	Status	Result
 Broadband Connect - L2	8 Jan 2013 15:09:38	Success	Service 0395105614 is available

Configuring: AAPT - L2 - 12M

Service Type	Mandatory	Configure	Authorisation
 Broadband Connect - L2	Yes	<a href="#">Configure</a>	<a href="#">Authorise</a>

Figure 6. The Order page showing available packages

2. Click the radio button beside the required package in the *Select* column.  
You can display a summary of the package details and charges by clicking the magnifying glass icon  beside the *Package ID*.
3. Click the **Select** button. The *Configuring package* page will display, showing the previous SQ details, the package and the service details.

Order: 212533 (Customer: Joe Bloggs)

Service Qualifications

SQ Type	SQ Created	Status	Result
 Broadband Connect - L2	8 Jan 2013 15:09:38	Success	Service 0395105614 is available

Configuring: AAPT - L2 - 12M

Service Type	Mandatory	Configure	Authorisation
 Broadband Connect - L2	Yes	<a href="#">Configure</a>	<a href="#">Authorise</a>

Package Chain Details (Optional)

Package Chain Information:

Chain Started: 9 Jan 2013

Chain Ended:

Discount on Usage:  \$

Discount on Each Service Access Fee:  \$

Discount applied each Package Period (\$):

[Save Chain Configuration](#)

Upload Order Form

Upload Order Form:  [Browse...](#)

Order Completion

Some aspects of your order require configuration. Please complete this by either configuring or authorising your orders above.

- Broadband Connect - L2 (Configuration required)
- Broadband Connect - L2 (Customer Auth form required)

[Order Incomplete](#)

Figure 7. The Configuring package page



Note: Emersion allows you to perform a SQ to confirm a service's availability without first creating a customer order. Select **Service > Order** from the menu. The system will prompt you to select the AAPT DSL service and enter the SQ type as described previously. However, once the SQ has completed successfully, and you have selected the order type, the system will prompt you to select the customer to continue the order. If you have already selected a customer, skip the following steps and go to the *Configure Service* section on page 12.

### Select Customer

If you performed a SQ without selecting a customer:

- After you have selected the package, the *Customer Choice* page will display a list of existing customers.

The screenshot shows the 'Customer Choice' page with a search and filter interface at the top. Below the interface is a table listing customer records. The table has the following columns: Account Number, Customer Name, Account Type, Status, Billing Contact, Phone, Email Address, Start Date, and End Date. Each row includes a 'Select' button on the right side. The table contains 15 rows of data, with the first few rows showing active individual accounts and some cancelled or inactive ones.

Figure 8. The *Customer Choice* page showing a list of customers

- Locate the required customer to provision the AAPT DSL service, and then click the **Select** link beside the customer record.
- Alternately, you can create a new customer record if required. Click the **Add New Customer** button. The system will display the *Create New Account* wizard page. Enter the new customer's details using the wizard.



If you choose to create a new customer, you should note the *order number* from the top of the service qualification *Order* page to enable you to return to the order and continue the provisioning process.

- Once a customer is selected, the *Configuring package* page will display.

The screenshot shows the 'Configuring package' page for Order 210710 (Customer: Test Service 1 Pty Ltd). It features a 'Service Qualifications' table with columns for SQ Type, SO Created, Status, and Result. Below this is a 'Configuring: WBC - L3 - Sell Package Plan' section with a table for Service Type, Mandatory, Configure, and Authorisation. The 'Package Chain Details (Optional)' section includes fields for Chain Started/Ended, Discount on Usage, Discount on Each Service Access Fee, and Discount applied each Package Period (\$). There is a 'Save Chain Configuration' button and an 'Upload Order Form' section with a 'Browse...' button. At the bottom, there is an 'Order Completion' section with a note that some aspects require configuration and a 'Order Incomplete' button.

Figure 9. The *Configuring package* page

## Configure Service

The *Service Configuration* page allows you to set up the specific service related features of the AAPT DSL service, such as the authentication details.

1. From the *Configuring package* page, click the **Configure** link. The *Service Configuration* page will appear.

Figure 10. The *Service Configuration* page

2. In the *Authentication* section, enter the *Username* for the customer to authenticate / login.
3. Select the required *Realm* from the drop list.
4. Enter the *Password* for the customer, and re-enter the password again to *Confirm Password*.
5. In the *Configuration* section, select the *Losing Service Provider* from the dropdown list.
6. In the *Configuration* section, you can optionally enter a *Vanity Identifier* for the service, which is an alternate way to identify the service that will appear on the customer's invoice (e.g. instead of the phone number, you could use "Joe's business DSL service").
7. Click the **Save** button. The *Order* page will display.

To return to the service configuration, click the *Configure* link to return to the *Service Configuration* page.

## Customer Authorisation

The *Customer Authorisation* page allows you to enter the customer's authorisation information. To provision DSL services, you must obtain a valid customer authorisation to verify that the customer wishes you to provide their DSL service. For further details about customer authorisations, refer to your wholesale service provider or AAPT.

1. On the *Order* page, click the **Authorise** link. The *Customer Authorisation* page will appear.

Figure 11. The *Customer Authorisation* page

2. Select the type of customer authorisation you have from the *Authorisation Method* drop list. Types available are 'Paper Form', 'Verbal Recording', and 'Other'.

3. Enter a *Reference Number* for the customer authorisation. For 'Verbal Recording' and 'Other' authorisation methods, this field is mandatory.
4. Select the *Authorisation Date* of the customer authorisation using the calendar tool.
5. Upload the relevant file (e.g. voice recording .wav file, or the electronic form etc.) Click the **Browse** button. The *File Upload* window will appear. Navigate to and select the required file, and then click **Open**.
6. Click the **Save** button. The *Order* page will display.

## Submit Order

Once all the service details have been completed, you can submit the order to provision the service. Optionally you can upload a copy of the customer's order (i.e. scanned paper form or electronic file) for easy future reference.

### Package Chain Details (Optional)

To apply a discount to the customer for the selected package:

1. Enter a discount to apply to the service usage in the *Discount Usage* field
2. Select the discount type to apply to the service usage from the drop box. Options are \$ to apply a fixed dollar amount discount, or % to apply a percentage discount.
3. Enter a discount to apply to the service access fee in the *Discount on Each Service Account Fee* field.
4. Select the discount type to apply to the service access fee from the drop box. Options are \$ to apply a fixed dollar amount discount, or % to apply a percentage discount.
5. Enter a discount to apply to the service usage in the *Discount Usage* field.
6. Enter a discount amount to apply to the package access fee per period in the *Discount applied each Package Period (\$)* field.

### Upload Order Form

To upload a copy of the customer's order, on the *Order* page, click the *Browse* button beside the *Upload Order Form* field. The *File Upload* window will appear. Navigate to and select the required file, and then click **Open**.

### Completing the Order

1. On the *Order* page, click the **Proceed** button. A message will display prompting you to confirm you wish to submit the order.



Figure 12. The Order Confirmation message

2. Click the **OK** button to confirm the order. The *Order* page will appear showing that the order is complete. A message at the top of the screen will display "Provisioning request has been submitted".
  - ❖ The system will automatically send the provisioning request to AAPT.
  - ❖ Emersion polls AAPT for the provisioning request response and updates the *Provisioning Log* with any response received.
3. Use the *Provisioning Log* to monitor and update the status of the service order.

## Provisioning Log

The *Provisioning Log* function displays information about provisioning requests and the status of services ordered. When there is any change to a service, it is reflected in the provisioning log. Responses to provisioning requests received from the AAPT (depending on the service and order type) are displayed, along with confirmed information about the service.

You should use the Provisioning Log to monitor your orders to identify any processing errors and updates received from Telstra, as well as any errors encountered.



The Provisioning Log must be used to monitor your orders.

### To Display the Provisioning Log

1. Select **Services > Provisioning** from the menu. The *Provisioning Log* page will display.
2. Locate the provisioning request in the log to determine its status and whether any processing issues have occurred.

Provisioning Log

Order ID:

Account Number:

Customer Name:

Service Identifier:

Status:

All Statuses

Initial

New

Running

Request Pending

Quarantined

Completed

Failed

57 Results Found

Request Date	Provisioning ID	Order ID	Provisioning Type	Workflow Action	Status	Service Identifier	Customer	Service Plan	Order Source	Order Source ID	Carrier Ref No	Carrier Status	Carrier Status Desc	Action Date	Request Date
19 Oct 2012	255726	211858	Create	N/A	Completed	0399866840	Joe Bloggs	AAPT - L2 - 12M	ORDER	211858					

Figure 13. The *Provisioning Log* page

### Search

You can locate a particular provisioning request by using the *Search* function. The following fields can be used to search:

- Order ID
- Account Number
- Customer Name
- Service Identifier
- Status

### Provisioning Types

There are six Provisioning Types described as follows:

- Create A new service provisioning request submitted to AAPT
- Refresh A previous request was refreshed (e.g. if a SQ was over 10 hours etc)
- Change This will usually mean the service was suspended or barred; or re-enabled
- Cancel A request to cancel an existing service
- Feature A request to make modifications to a service's features
- Migrate This will usually mean a service migration has been requested (e.g. plan change)

### Request Status

Provisioning Request will be in one of the following statuses:

- New The order has been created and submitted to AAPT
- Request Pending Telstra has acknowledged the request, pending completion
- Quarantined Something unexpected occurred that requires investigation
- Completed The request has been completed by AAPT
- Failed The request failed
- Cancelled The request was cancelled prior to completion

## Orders List

The *Orders* page lists all complete and incomplete orders and allows you to view the order details. This is most commonly used to continue or complete an incomplete order e.g. if a SQ has been performed previously and now you have collected the customer's details and authorisation.

### To Display the Orders list

1. Select **Services > Orders** from the menu. The *Orders* page will display.

ID	Created	Created By	Customer	Package	Status
200638	4 May 2012 12:08:14	Emersion Support	Robyn Pearce	Telstra Mobile - Sell Package Plan	Order Completed
200640	4 May 2012 13:28:15	Emersion Support	Steven Pettiona	Telstra Mobile - Sell Package Plan	Order Completed
200644	7 May 2012 14:57:16	Emersion Support	Cheryl Barnett	Telstra Mobile - Sell Package Plan	Order Completed
200645	7 May 2012 15:01:35	Emersion Support	Steven Pettiona	Telstra Mobile - Sell Package Plan	Order Completed
200646	7 May 2012 15:10:03	Emersion Support	Malcom Williams	Telstra Mobile - Sell Package Plan	Order Completed
200647	8 May 2012 10:14:46	Emersion Support	Steven Pettiona	Telstra Mobile - Sell Package Plan	Order Completed
200650	8 May 2012 15:52:31	Emersion Support	Steven Pettiona	Telstra Mobile - Sell Package Plan	Order Completed
200652	10 May 2012 10:03:58	Emersion Support	Steven Pettiona	Telstra Mobile - Sell Package Plan	Order Completed
200658	11 May 2012 15:14:59	Emersion Support	Steven Pettiona	Telstra Mobile - Sell Package Plan	Order Completed
200706	14 May 2012 10:03:01	Emersion Support	Steven Pettiona	Telstra Mobile - Sell Package Plan	Order Completed
200707	14 May 2012 10:12:26	Emersion Support	Malcom Williams	Telstra Mobile - Sell Package Plan	Order Completed
200708	14 May 2012 10:25:53	Emersion Support	Steven Pettiona	Telstra Mobile - Sell Package Plan	Order Completed

Figure 14. The *Orders* page

### Search

You can locate a particular order by using the *Search* function. The following fields can be used to search:

- Order Number
- Customer Name
- Package Identifier
- Status

### To Display an Order

Click the **Order ID** of the required order in the list. The *Order* page will display.

- a. If you select a *Complete* order, the system will display the order details.

SO Type	SO Created	Status	Result
WBC - L3	10 Aug 2012 13:02:10	Success	Service 039867* ... is available

Order is Complete  
This order has been completed and submitted. Below are any outstanding provisioning tasks remaining:  
The new Package Subscription can now be managed.

Provisioning Type	Status	Service Identifier	Service Plan	Workflow ID
Create	Completed	0398671239	WBC - L3 - Sell Service Plan	1

Figure 15. The *Order* page showing a complete service order

- b. If you select an *Incomplete* order, the system will display the order details at the point in the order process it was previously exited e.g. select a customer, configure service, or enter customer authorisation.

If the service has not been configured, the *Order* page will show *Configuration Needed*.

You can then complete the required order details and click the **Proceed** button to submit the order to AAPT.

Order: 212533 (Customer: Joe Bloggs)

Service Qualifications

SQ Type	SQ Created	Status	Result
Broadband Connect - L2	8 Jan 2013 15:09:38	Success	Service 0395105614 is available

Finalised

Configuring: AAPT - L2 - 12M

Service Type	Mandatory	Configure	Authorisation
Broadband Connect - L2	Yes	Configure	Authorise

Package Chain Details (Optional)

Package Chain Information:

Chain Started: 9 Jan 2013

Chain Ended:

Discount on Usage:  \$

Discount on Each Service Access Fee:  \$

Discount applied each Package Period (\$):

Save Chain Configuration

Upload Order Form

Upload Order Form:

Order Completion

Some aspects of your order require configuration. Please complete this by either configuring or authorising your orders above.

- Broadband Connect - L2 (Configuration required)
- Broadband Connect - L2 (Customer Auth form required)

Order Incomplete

Figure 17. The *Order* page showing an order

## Service Management

The *Service Management* module allows you view all details of a customer's service, or a *service subscription*. A *service subscription* is simply an instance of a service plan that has been sold to a customer. The service plan is the object that controls the billing parameters of a particular service type.

### To Display a Service Subscription

There are a number of ways to display a service subscription:

#### From the Customer record

1. Select **Customers > Customer List** from the menu. The *Customer List* page will display showing all existing customers.
2. Locate the required customer and click either the **Account Number** or **Customer Name** link in the list. The *Customer* page will display showing the account information summary.
3. Select the **Service Subscriptions** tab on the *Customer* page. The *Service* page will display showing a list of the customer's services.
4. Click the required **Service ID** or the *Service Identifier* link in the list.

#### From the Services list

1. Select **Services > List All** from the menu. The *Service* page will display showing all existing services.
2. Locate the required service using the *Search* function or page navigation.
3. Click the **Service Identifier** link of the required customer's service.

#### From the Provisioning Log

1. Select **Services > Provisioning** from the menu. The *Provisioning Log* page will display.
2. Locate the required service request using the *Search* function or page navigation.
3. Click the **Service Identifier** link of the required service request.

## Service Subscription Details

The generic service details are displayed at the top of the screen, including

- Service Subscription ID
- Service ID
- Service Identifier
- Service Type
- Service Plan
- Current Service Subscription Billing Period
- Package Subscription ID
- Package Plan
- Start Date
- End Date ( if the service is cancelled)
- Status
- Transfer Type (Churn or New)

No changes can be made to these service details.

Service Subscription ID: 533101	Start Date: 9 Nov 2012	
Service ID: 423312	End Date:	
Service Identifier: 0398668840	Status: Active	<a href="#">View Usage</a>
Service Type: Broadband Connect - L2	Transfer Type: CHURN	
Service Plan: AAPT - L2 - 12M	Authorisation Date: 9 Nov 2012	
Current Service Subscription Billing Period: 01-Jan-2013 - 01-Feb-2013	Authorisation Type: Other	
Package Subscription ID: 483580	Authorisation Reference: BG	<a href="#">View Service &amp; Equipment</a>
Package Plan: AAPT - L2 - 12M		<a href="#">View Package Subscription</a>

Figure 18. The *Service Details* page showing the generic service details

## Actions

From the service details, you can perform a number of actions:

- **View Usage** displays the service usage, such as calls made or data used etc.
- **View Service & Equipment** displays and service and equipment charges incurred against the service
- **View Package Subscription** displays the package subscription details and allows you to edit package chain information, add a contract, and migrate the package (see the Package and Plan Management user manual for more information about these functions).

## Service Properties

### Configuration Tab

The Configuration tab, located within *Service Subscription* tab, shows the *Service Properties* section. By default, the *Service Properties* sections are compressed. To display the details, click each panel name to expand or compress these details. The properties available are:

- **Service Details** displays the service identifier the service was provisioned on – this cannot be modified
- **Authentication** shows the username, realm and password used to authenticate onto the service
- **Configuration** displays the *Vanity Identifier* as configured during the provisioning request.

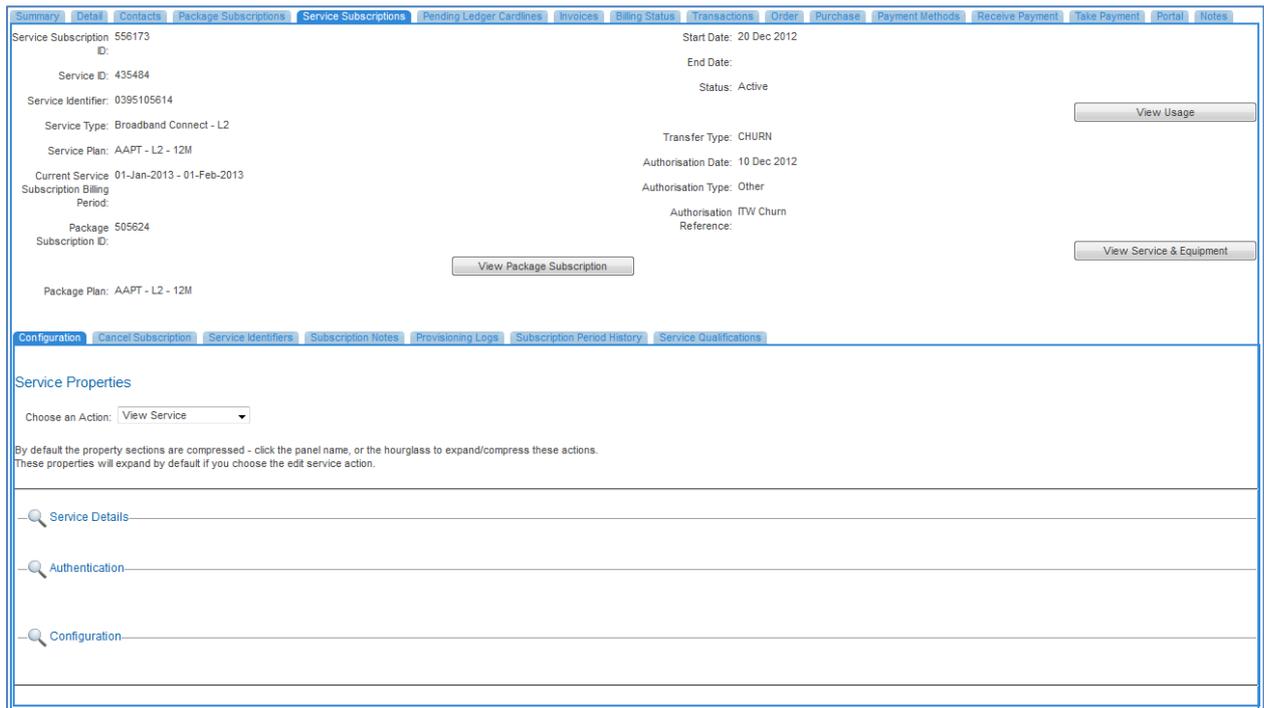


Figure 19. The *Service Details* page showing the *Service Properties* section for Layer 2 Services

### Additional available options for Layer 3 Services

- **Current Session Information** displays the session information for the active and previous session.

### Service Properties

Choose an Action:

By default the property sections are compressed - click the panel name, or the hourglass to expand/compress these actions. These properties will expand by default if you choose the edit service action.

- Service Details
- Authentication
- Current Session Information
- Configuration

Figure 20. The Service Details page showing the Service Properties section for Layer 2 Services

### Current Session Information

Current Status: Online

Online Since: 30/01/2013 16:37:25 PM

Previous Session 24/01/2013 17:00:00 PM  
Started:

Previous Session 24/01/2013 18:00:00 PM  
Ended:

Figure 21. The Current Session Information section for Layer 2 Service

### To Edit the Service Properties

1. Select *Edit Service* from the *Choose an Action* drop list under the *Service Properties* section heading. The service property fields will update and be enabled for editing.
2. Enter or update the Service Properties fields as required.
3. Click the **Save** button.

Service Properties

Choose an Action:

By default the property sections are compressed - click the panel name, or the hourglass to expand/compress these actions. These properties will expand by default if you choose the edit service action.

**Service Details**

Identifier: 039E 340

Installation Date: N/A (estimated):

**Authentication**

\* Username:

\* Realm:

\* Password:

\* Confirm Password:

**Configuration**

Vanity Identifier:

Figure 22. The *Service Details* page showing the *Service Properties* section in *Edit* mode

### To Manage the Service Configuration

Select the appropriate option from the *Choose an Action* drop list under the *Service Properties* section heading.

The actions available options for Layer 2 & 3 services:

- Re-Build Port rebuilds the port configuration per the data contained in the AAPT records. DSL and ATM configuration is removed from the DSLAM port in the exchange and configured back onto the port according to the product originally ordered.
- View Line Status shows real-time AAPT Line statistics - Exchange Code, PVC List, Channel Status (past and present Bit Rates) and Line Details (Attenuation, Noise Margins, etc.)
- Change Stability Profile allows you to alter the stability profile of the AAPT service



Note: For a Service Plan with the Service Type 'Wholesale Broadband Connect' (AAPT Layer 2); If the *Service Plan's AAPT Access Method* is set to 'Telstra L2IG' extra options above will not be available.

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Additional available options for Layer 3 Services

- Reset Radius Session reset the radius session without having to change the username or password
- Manage Service Status Advice on current status, either *Active* or *Quarantined*, and change the status to 'quarantined' (suspended) or active in FrontierLink
- Manage Service Throttling change the current throttle setting against the service – this will take effect immediately and disconnect the user from their current session

## To Re-Build the Port

1. Select *Re-Build Port* from the *Choose an Action* drop list under the *Service Properties* section heading.
2. Enter or update the Service Properties fields as required.
3. Click the **Submit Re-build Port Request** button.

The screenshot shows a web interface for the 'Re-Build Port' action. At the top, under 'Service Properties', there is a dropdown menu labeled 'Choose an Action:' with 'Re-Build Port' selected. Below this is a note: 'By default the property sections are compressed - click the panel name, or the hourglass to expand/compress these actions. These properties will expand by default if you choose the edit service action.' The main section is titled 'Re-Build Port' and contains the following text: 'This function rebuilds the port to its correct configuration as per the data contained AAPT records. DSL and ATM configuration is removed from the DSLAM port in the exchange and configured back onto the port according to the product originally ordered. This operation should only be used if you suspect the port configuration is incorrect. Key values that will tell you whether the port is configured incorrectly are VPI and VCI details.' A note states: 'Note: Running this operation will disconnect your customer for up to 30 minutes - make sure they are advised as such.' At the bottom of this section is a button labeled 'Submit Re-build Port Request'.

Figure 23. The Re-Build Port page

## To View Line Status

1. Select *View Line Status* from the *Choose an Action* drop list under the *Service Properties* section heading.
2. A Popup will appear with the line status details.

The screenshot shows a popup window titled 'AAPT Line Status'. It displays the following information: 'Exchange Code: KNST', 'Line Summary Status:', 'Admin Status: Up', 'Operational Status: Up', 'Transmission Mode: ADSL2Plus', 'PVC List:', 'VPI / VCI: 0 / 35', 'Loopback Status: Not Set', 'Encapsulation: IlcEncapsulation', 'PPP Type: Unknown', 'Channel Status:', 'Current Downstream Bit Rate: 2920191 bps', 'Current Upstream Bit Rate: 20000000 bps', 'Previous Downstream Bit Rate: 2928736 bps', 'Previous Upstream Bit Rate: 19997008 bps', 'Interleave Delay (up / down): 0 / 0', 'Line Details:', 'Output Power (up / down): 8 db / 0 db', 'Line Attenuation (up / down): 0 db / 0 db', 'Line Noise Margin (up / down): 5 db / 7 db', 'Uptime String: PT15H53M', 'Line Profile Set: Default'. At the bottom right of the popup is a 'Close' button.

Figure 24. View Line Status results

### To Change Stability Profile

1. Select *Change Stability Profile* from the *Choose an Action* drop list under the *Service Properties* section heading.
2. Select the profile required from the *Select Profile* drop list. Available options include:
  - Default
  - NoisyLine
  - LowNoisyLine
  - ExtremelyNoisyLine
3. Click the **Submit Profile Change** button.

Service Properties

Choose an Action:

By default the property sections are compressed - click the panel name, or the hourglass to expand/compress these actions. These properties will expand by default if you choose the edit service action.

---

Change Stability Profile

This will let you change the stability profile against an AAPT service to something outside Normal, or back to Normal. You are able to analyse the line statistics using the 'View Line Status' function which has the current line profile shown.

**Note: This submits a work order and the change is not instant. It is not recommended to send more than one of these per hour.**

\* Select Profile:

Figure 25. The Change Stability Profile page

### To Reset the Radius Session

1. Select *Reset the Radius Session* from the *Choose an Action* drop list under the *Service Properties* section heading.
2. Enter or update the Service Properties fields as required.
3. Click the **Reset Radius Session** button.

Service Properties

Choose an Action:

By default the property sections are compressed - click the panel name, or the hourglass to expand/compress these actions. These properties will expand by default if you choose the edit service action.

---

Reset Radius Session

This will let you reset the radius session without having to change the username or password. Click the button below to send off a request to AAPT to reset the radius session completely.

Figure 26. The Reset Radius Session page

### To Manage the Service Status

1. Select *Manage Service Status* from the *Choose an Action* drop list under the *Service Properties* section heading.
2. This will enquire with AAPT and display the status. The Status will either be active or quarantined.
3. Quarantined Services will be prevented from working by AAPT i.e. suspended.
4. If you wish to mark the service as Quarantined Click the **Quarantine Service** button.

Service Properties

Choose an Action:

By default the property sections are compressed - click the panel name, or the hourglass to expand/compress these actions. These properties will expand by default if you choose the edit service action.

Manage Service Status

Service is currently active

You can mark a service as 'quarantined' in FrontierLink by clicking the button below. This request may take up to 30 seconds so please be patient.

Figure 27. The Manage Service Status page

### To Manage Service Throttling

1. Select *Manage Service Throttling* from the *Choose an Action* drop list under the *Service Properties* section heading.
4. Select the setting required from the *Select Setting* drop list. Available options include:
  - No Throttling
  - 64kbps / 64kbps
  - 128kbps / 128kbps
  - 256kbps / 256kbps
  - 512kbps / 512kbps
2. Click the **Submit Throttling Request** button – this will take effect immediately and disconnect the user from their current session. When the service is reconnected it will be throttled.

Service Properties

Choose an Action:

By default the property sections are compressed - click the panel name, or the hourglass to expand/compress these actions. These properties will expand by default if you choose the edit service action.

Change Throttling Setting

This will let you change the current throttle setting against an AAPT service.

This call to AAPT will take effect immediately and disconnect the user from their current session, so that when they reconnect, it will take effect immediately.

You can use this function in lieu of automatic shaping, or to bring a user off shaping manually.

\* Select Setting:

Figure 28. The Manage Service Status page



### Cancel Subscription Tab

The *Cancel Subscription* tab may allow you to cancel the service, depending on the package and plan rules set up. If the service is mandatory, a message will display advising that the service cannot be cancelled.



Figure 1. The *Service Details* page showing the *Cancel Service* section

### Service Identifiers Tab

The *Service Identifiers* tab displays a list of known Service Identifiers for this Service Subscription, as well as their Start Date, End Date and EMEID.

EMEID	Service Identifier	Start Date	End Date
385551	2114381036421		16 Nov 2012 00:00:00

Figure 2. The *Service Details* page showing the *Service Identifiers* section

### Subscription Notes Tab

The *Subscription Notes* tab displays any notes attached to the service. To add a note, click the *Create New Note* button. The *New Note* section will appear where you can enter the note *Subject* and *Details* text. Click the *Save* button to save the note.

NOTE ID	Author	Created	Subject	Details
139658	emesupport@	28 Nov 2012	I am a note.	Hello, I am a note... I am here for demonstration purposes.

Figure 3. The *Service Details* page showing the *Subscription Notes* section

### Provisioning Logs Tab

The *Provisioning Logs* tab displays information about all provisioning requests on the service and their status.

Log ID	Service Identifier	Request Type	Transfer Type	Task Status	Created	Updated	Result
31525	613	New	CHURN	Success	2012-11-07 08:00:53	2012-11-07 08:00:53	Service activation complete
31524	613	New	CHURN	Success	2012-11-07 08:00:24	2012-11-07 08:00:24	Gain advice in file sequence 20121106
31287	613	New	CHURN	Success	2012-11-02 16:00:10	2012-11-02 16:00:10	Create record sent in file sequence 37
31231	613	New	CHURN	Success	2012-11-01 18:00:40	2012-11-01 18:00:40	Pending Activity File Collection

Figure 4. The *Service Details* page showing the *Provisioning Logs* section

### Subscription Period History Tab

The *Subscription Period History* tab displays a list of billing periods created for the Service Subscription, with period dates, processing dates, and statuses.

ID	Period Start Date	Period End Date	Processed Start Date	Processed End Date	Period Start Status	Period End Status	Period Length Modified
4428794	2012-11-03 00:00:00	2012-12-01 00:00:00	Completed	Not Processed	Not Due	Not Due	

Figure 5. The *Service Details* page showing the *Subscription Period History* section



## Service Qualifications Tab

The *Service Qualifications* tab displays the details of service Qualifications.

Service: 417097

Service Transfer Type: Churn

 Exchange Code: RSVR

Exchange Service Area: RSVR

Cable Source: Telstra

Codes Present: Yes

Distance to Exchange: 826

Telstra Region: Zone 1

Access Qualification List:

- ID: 3334681:

3334681 - Result: PASS

3334681 - Max Bandwidth Down: 23052 kbps

3334681 - Max Bandwidth Up: 997 kbps

3334681 - Access Method: AAPT ADSL2+

3334681 - Access Type: SSS

3334681 - Price Zone: Metro

3334681 - Service Speeds:

3334681 - Up to 24Mbps/1Mbps (Annex A): PASS

3334681 - Test Outcomes:

3334681- Test #1:

3334681 - #1 Description: Is current deterministic qualification data available?

3334681 - #1 Response: Deterministic qualification data is available. The distance to the exchange from the specified location is 826 metres.

3334681 - #1 Result: PASS

Figure 6. Part of the *Service Details* page showing the *Service Qualifications* section

## Further Information

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For further information about Emersion's Ordering and Service Management functions, or other Emersion system modules, please contact Emersion.

If you are using Emersion on agreement from a supplier (i.e. in connection with the supply of a particular service or product), and have been provided a login for Emersion by your supplier, please contact your supplier directly for assistance.

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