

LNP Datafeed Service – Technical Fact Sheet

This fact sheet describes the **LNP Datafeed Service** provided by Paradigm.One to qualifying C/CSPs.

This service is available on either a daily or weekly basis; no real-time option is available as the LNP registers are only updated daily.

This fact sheet covers the daily and weekly services, which are delivered to clients via FTP.

How does the LNP Datafeed Service work?

Upon service activation, a client will be granted access to the Paradigm.One FTP datafeed server at <ftp://datafeed.paradigmone.com.au>.

On this FTP server will be an initial **backload** file containing all LNP ports (≈ 2 million) up to a given point in time.

From this point onwards a new **delta** file will appear containing subsequent changes. The delta files are available for downloading from 3am each day for the daily service or from 3am each Sunday for the weekly service.

Typically clients set-up a scheduled job to connect to this FTP datafeed server and **get** (in binary mode) the latest daily or weekly file.

File Naming Conventions

There are 2 types of files, the initial backload file and the delta files.

The naming conventions for these are as follows:

- ❖ LNPIinitial.txt.gz
- ❖ LNPDY[DDMMYY].txt.gz or LNPWK[DDMMYY].txt.gz

e.g. LNPDY300504.txt.gz is the daily file for the 30th of May 2004.

File Format

All files are in ASCII CSV format.

All files are compressed using gzip 1.3.5 (Lempel-Ziv coding - LZ77).

File Content

A datafeed file contains rows that each contain exactly three fields delimited by a comma, these are an **Action Indicator**, a **Local Number** (e.g. 0296609105) and a **CAC** (carrier access code, e.g. 1414).

The Action Indicator values are:

- ❖ "A" add, i.e. newly ported local number
- ❖ "C" change, i.e. local number ported before and now ported again
- ❖ "D" delete, i.e. local number returned to original allocated carrier

For any further queries please do not hesitate to contact us on 1800 111 402.