

## XINTEC™ TAP3 Editor

Probably the easiest TAP-file editor in the world

### Easy and effective control of all your TAP data

The XINTEC™ TAP3 Editor is an easy and fast program for editing, repairing and analysing your TAP files. The Editor is a Perl module that can be used to edit GSM TAP3 and RAP files encoded with the ASN.1 GSM specification. The Perl module comes without a GUI to help you easily plug your programs to the module and generate the desired results with your data.

### Who can use this tool? And how?

The TAP3 Editor can be used by calling the Perl module directly to edit a given set of files. Since this module is designed in Perl, it can be used by developers who are looking for an easy way to extend the functionality of their existing programs and / or integrate the module in a process to edit the TAP files.

We can consult with you on your needs with the TAP format and offer you complete solutions and / or examples to undertake changes to your TAP and RAP files.

### Where can the TAP3 Editor be used?

An easy way to understand the strengths of the TAP3 Editor is to analyse scenarios where the Editor can help you.

### Batch processing of TAP files

Let's suppose that you had an erroneous configuration in your billing system and although your TAP files were created as normally, they get rejected at your clearing house. Before you resend the new batch of correct files, you still have a few hundred old files you need to repair. Just use **the TAP3 Editor!**

### Auto-fixing files generated by an error prone system

Let's suppose you have similar trouble with the system and it is difficult to spot it in your billing system or to halt it for repairs. You probably end up with thousands of erroneous files that you still need to send to your roaming partners. Relax, you can create a Perl script using the TAP3 Editor module to patch and fix all your TAP files and configure it to run for every file before being sent.

Although your billing system creates TAP files with wrong information, you patch them automatically with your script, your clearing house does not reject them anymore and your roaming partners receive all the calls.

### Generating useful statistics

Let's say, you need to generate statistics and get the information directly from the TAP files. You can use the TAP3 Editor to extract the information from the files. You need to know, for example, the duration of every IMSI in the last week.

Just collect all the files with calls in the last week and write a program to read all TAP files and store the IMSI and its duration in a database using the TAP3 Editor and run a query on the database for the statistics.

**What else can one do?**

In fact, you can do almost every thinkable type of editing and manipulation with the data. For example, you could convert a TAP3 file into XML or to TAP2 or to another release of TAP3 (based on the standards for the conversions).

It is not always necessary to decode and encode your data. You can decode to get only the information from the files (for example, the generation of statistics as explained above) or you can only encode if you already have the structure. This can be useful to create TAP or RAP files - for example, a notification file.

## Do you have any questions or need help?

**Please contact:**

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## About XINTEC

Established in 2007, XINTEC is an entirely new company providing advanced data transformation software and standalone tools for near-real-time and real-time data processing.

Bringing together a team of industry experts with core technical development skills in the areas of inter-operator billing and rating, XINTEC delivers high quality “on demand” technical solutions to reduce your dependency on in-house IT development resources and system software.

XINTEC offers you an efficient way of meeting your internal development requirements through state-of-the-art technology solutions and software development processes. These in turn will allow you to compete more effectively through product innovation and service differentiation, and by increasing your responsiveness to market changes.

In short, working with XINTEC means greater agility at considerably lower cost.

Please visit [www.xintec.com](http://www.xintec.com) to learn more about XINTEC.