



NATIONAL NUMBERING PLANS COLLECTION (NNPC)

NNPC is a complete collection of international phone numbers, produced by BSMILANO's sound experience in the rating of consumer and intra-operators calls. BSMILANO has noticed that Numbering Plans are sometimes lacking in the complete coverage and therefore with its high perception has filled such loopholes.

In the Numbering Plans area, Internet offers many institutional, commercial and collector sources of information.

Unfortunately quality data is often hidden in a number of outdated, untranslatable, incomplete and very differentiated formats, in short, this is the main hurdle and it's difficult to decide how to organize information on one's own.

NNPC closes the gap and is now available to all telecommunication's operators who understand that a cutting-edge configuration of phone destinations is a must for a real economical advantage.

NOT this way...

NUMBER	DESTINATION
+39	Italy
+393	Italy Mobile

... but NNPC allows you

- Grouping calls allows you to apply different corporate policy rates
- Calls can be grouped by specifying the right operator in each country
- **NNPC** enables you to be hands-on with Interconnection, Rating and Billing

and you'll get...

NUMBER	DESTINATION	NETWORK	TYPE	MCC	MNC	ISO	TADIG-NC	OPERATOR
+39	Italy							
+393	Italy Mobile							
+39347	GSM	Vodafone	GSM900/1800/3G	222	10	ITA	OM	Vodafone Omnitel NV
+39336	TACS	TIM	GSM900/1800/3G	222	01, 43, 48	ITA	SI	Telecom Italia Mobile SpA
+39333	GSM	TIM	GSM900/1800/3G	222	01, 43, 48	ITA	SI	Telecom Italia Mobile SpA
+39328	GSM	WIND	GSM900/1800/3G	222	88, 44	ITA	WI	Wind Telecomunicazioni SpA
+39393	UMTS	3	3G	222	99	ITA	H3	H3G SpA



Currently NNPC contains thousands of international prefixes needed to distinguish mobile destinations from fixed ones.

This means that: with the name of a country, you can insert in your system a group including all mobile and fixed phone numbers and be sure that the mobile calls will be rated with the normal high price and the fixed calls will be rated with the normal low price. When this is not enough, you can also define a group for each Network/Operator and apply diversified rates, to analyse call flows with a detailed level and obtain help with troubleshooting.

The importance of a good configuration of phone destinations stands out particularly for the Interconnect area, where the differences in fixed and mobile rates may be very high in terms of percentage, e.g. the international 2004 Reference Interconnect Offer belonging to the Italian network operator Telecom Italia SpA has rates ranging from a negative percentage of -7.85 (Paraguay: fixed 0.4702 Euro/Minute; mobile 0.4333 Euro/Minute) to a positive percentage of 357.31 (Liechtenstein: fixed 0.0506 Euro/Minute; mobile 0.2314 Euro/Minute). The following example shows clearly that, if 50,000 minutes of calls directed to a non configured Liechtenstein mobile number are wrongly rated as fixed calls, **you get a 9,040 Euro loss!**

RIGHT RATING

	Minutes	Rate	Euro
Mobile	350.000	0,2314	€ 80.990,00
Fixed	150.000	0,0506	€ 7.590,00
Total	500.000		€ 88.580,00

WRONG RATING

	Minutes	Rate	Euro
Mobile	300.000	0,2314	€ 69.420,00
Fixed	200.000	0,0506	€ 10.120,00
Total	500.000		€ 79.540,00

NNPC now provides the thorough collection of the national Area Codes of all countries in the world. This allows operators to apply geographically based rates for fixed calls.



NNPC may also be used to enrich the destination descriptions in the invoices you send to your customers and the billing reports you produce to check your business or to draw up accurate team management tracking reports.

BSMILANO has long-standing experience in such areas and is available to analyse with you how to reprocess your electronic billing data.

Using NNPC can save you time and money!

- **NNPC** quality can be checked out at our website www.numplans.com, following the Numbering Plans link.
- **NNPC** may be bought online at 499.99 Euro per User via Credit Card or Bank Transfer.
- **NNPC** is offered as a One Year Service, starting on the day of payment receipt and includes all changes available in the period.
- **NNPC** changes availability is notified via e-mail to the two Customer Contacts specified when registering.
- **NNPC** and its updates are provided as Comma Separated Value text files.