

The PREPAID Solution

By M2Msoft

For an *easy* and *quick* set up of a prepaid communications service.

Fully configurable, the application is offering a real time *supervision* interface, detailed *billing tickets*, the *users' management* on database and the precise *definition* of the communications *costs*.

Available for **Linux OS**, the application can **stand-alone** or be **integrated** to the communication solutions **range** of M2Msoft (Softswitch and IPBX S5000, Gateway G4000 SIP/RNIS BRI or PRI, ...).

If there is no more credits in the middle of a communication, it will be cut with a vocal announcement.

*Service of unique office (interactive voice response)

- Access to the service by dialing an unique number
- Dialing of the confidential DTMF code
- Vocal announcement of the credit amount
- Dialing of the correspondent number
- Start of the communication with the correspondent

In addition, the user can also subscribe to:

*Service of calling by identification (one step)

To make direct calls without authentication phase.

- Identification of the client by the calling number
- DID numbers list linked to addressees numbers

• A clear and friendly interface



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• A clear configuration

Telephony over IP by
m2mSOFT **Prepaid** Application

General parameters (Prepaid v2.0-r1) Home

Web port: 8078
Admin password: *****
Default media language: FR
SVI DID: 6000
A6000 address: 127.0.0.1
A6000 port: 15749
A6000 connection timeout (sec): 2
Timezone: Europe/Paris
Default calling address:
Default calling forced: ☐
Service log: ☒
Columns separator:
Currency: Euros
Unit price: 0,000100

Submit

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Users Home

Start billing

User ID	Name	Units	Add
1002	1002	250000	
1001	1001	203200	

• An easy cost management

The interface of cost management enables to:

- Create credits' units (even monetary ones)
- Choose a precise granularity of the credits use,
- Affect credits on prefixes with two times periods.

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Costs Home

Destination prefix	H1: Units/sec	H2: Begin	H2: End	H2: Units/sec	Add
DEFAULT	200 (1,2000 Euros/min)	0	0	0 (0,0000 Euros/min)	
38	180 (1,0800 Euros/min)	0	0	0 (0,0000 Euros/min)	
42	250 (1,5000 Euros/min)	0	0	0 (0,0000 Euros/min)	

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- An advanced supervision

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UserID 1001 Cancel DIDmap

Name

Password

Caller ID Submit

Available units : 235780 (23,58 Euros)


Add Euros Submit

Add units Submit





Date	Operation	Dialed	Durat.(sec)	Units	Euros
20120413_092322	CREDIT			+250000	25,000000
20120413_094322	CALL	5173	20	-0	0,000000
20120413_094615	CALL	5173	40	-7200	-0,720000
20120413_094730	CALL	5173	39	-7020	-0,702000
Total				+235780	23,58

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DID mapping for user 1001

DID	Forwarded number	Add
0561500001	0141587070	Submit 
0561500002	0141587075	Submit 
0561500003	0141587077	Submit 
0561500004	0141591190	Submit 

The consultation of the users' accounts (see above) and the real time supervision of the communication (see below).

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Supervision Home

Caller	Status	UserID	Credit (units)	Credit (Euros)	Dialed	Cost (ups)	Duration	Consumption (units)	Consumption (Euros)
5172	Connected	1002	228400	22,84	3000	200	108	21600	2,16
5173	Connected	1001	191600	19,16	3000	200	45	9000	0,90

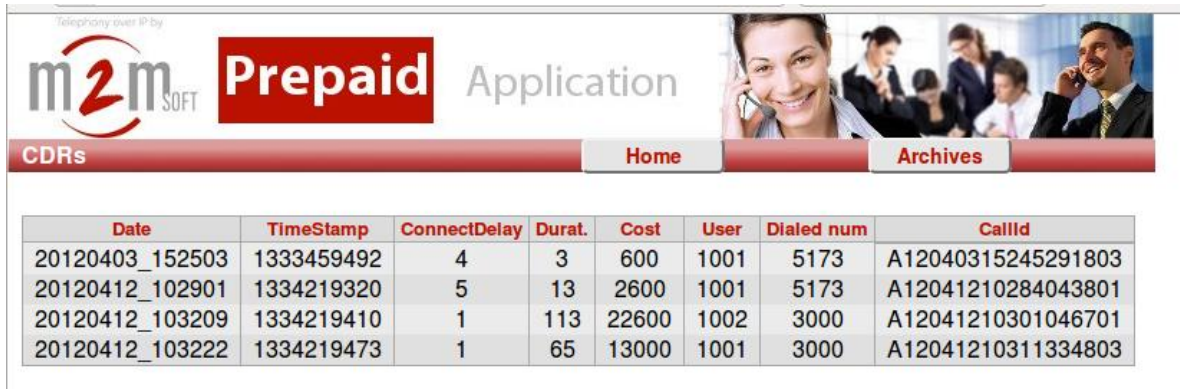
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- CDR (or Calls Details Records)

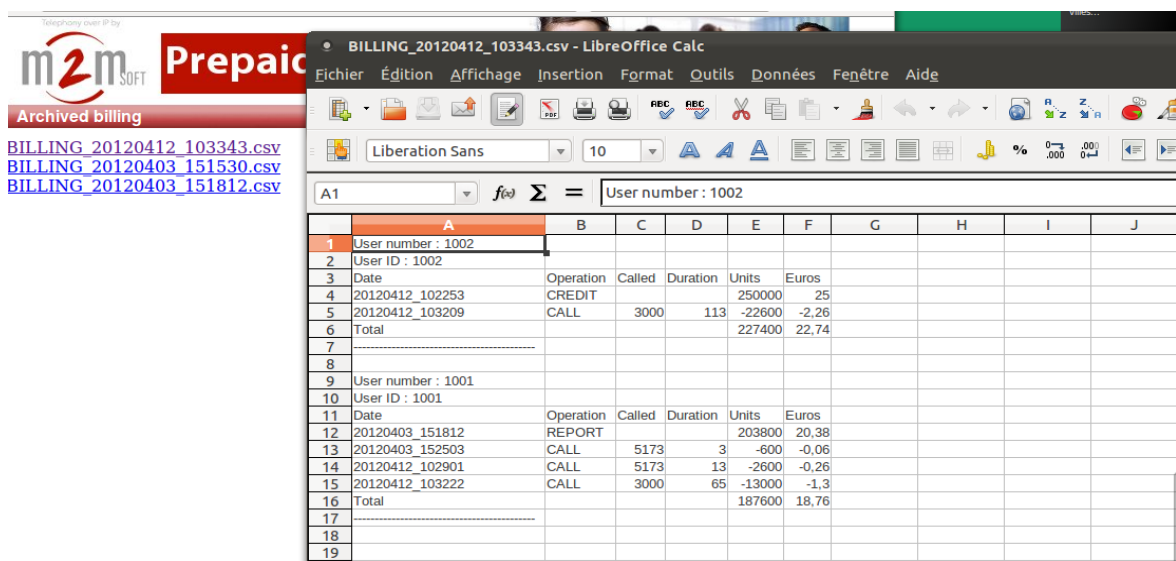


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CDRs Home Archives

Date	TimeStamp	ConnectDelay	Durat.	Cost	User	Dialed num	CallId
20120403_152503	1333459492	4	3	600	1001	5173	A12040315245291803
20120412_102901	1334219320	5	13	2600	1001	5173	A12041210284043801
20120412_103209	1334219410	1	113	22600	1002	3000	A12041210301046701
20120412_103222	1334219473	1	65	13000	1001	3000	A12041210311334803

Viewable from the application and exportable on CSV format.



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Archived billing

[BILLING_20120412_103343.csv](#)
[BILLING_20120403_151530.csv](#)
[BILLING_20120403_151812.csv](#)

BILLING_20120412_103343.csv - LibreOffice Calc

Echier Édition Affichage Insertion Format Outils Données Fenêtre Aide

Liberation Sans 10

A1 f(x) Σ = User number : 1002

	A	B	C	D	E	F	G	H	I	J
1	User number : 1002									
2	User ID : 1002									
3	Date	Operation	Called	Duration	Units	Euros				
4	20120412_102253	CREDIT			250000	25				
5	20120412_103209	CALL	3000	113	-22600	-2,26				
6	Total				227400	22,74				
7										
8										
9	User number : 1001									
10	User ID : 1001									
11	Date	Operation	Called	Duration	Units	Euros				
12	20120403_151812	REPORT			203800	20,38				
13	20120403_152503	CALL	5173	3	-600	-0,06				
14	20120412_102901	CALL	5173	13	-2600	-0,26				
15	20120412_103222	CALL	3000	65	-13000	-1,3				
16	Total				187600	18,76				
17										
18										
19										

Possibility to generate periodical states of billing by client at a CSV format.