



# THE PROTOTYPE of iSmallcell.biz



Info Security Service Provider

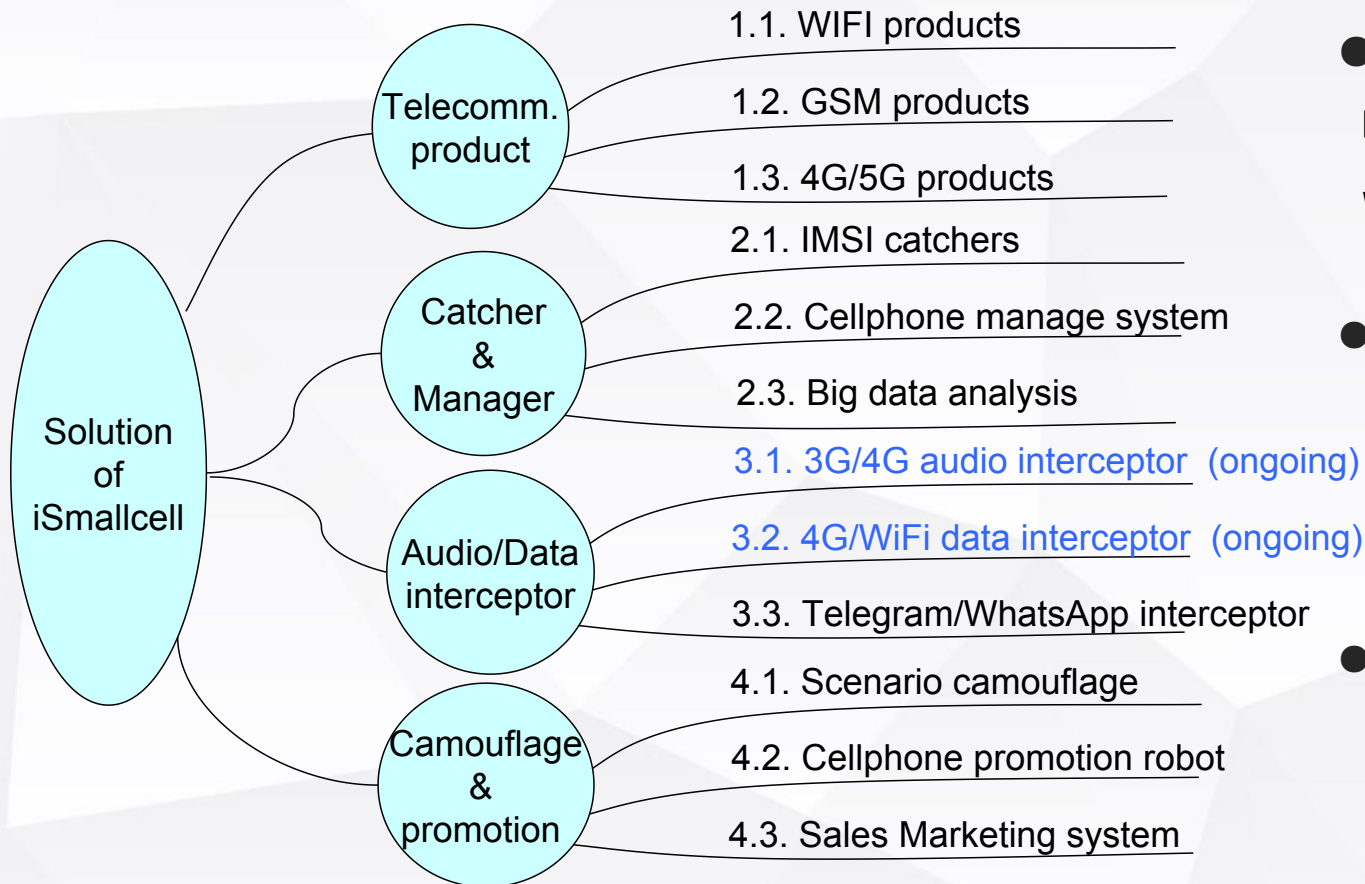


Kenneth



iSmallcell

## ● Our solutions



● **Focus:** DRAPA, Roke

Manor in  
wireless, information  
security industry.

● **Successful Cases:**

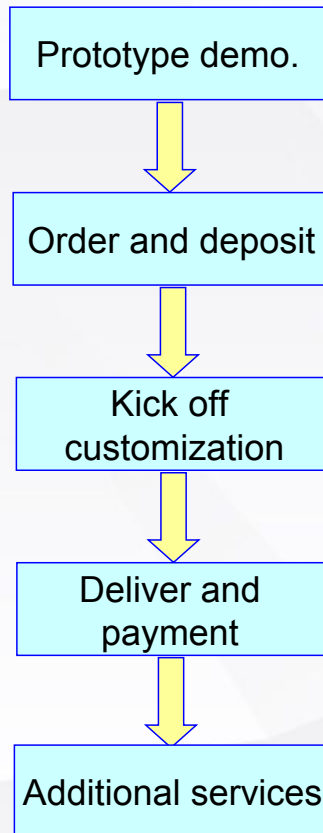
- Military
- Policeman
- Intelligence
- Business

● **Highlight:**

- Creative
- Personalized

## ● Business model: creative prototype and personalized customization

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### ● Smart business model:

- Customized development
- United development,
- Technologies licensing
- Developing-board/unit sales.

### ● Personalized customization

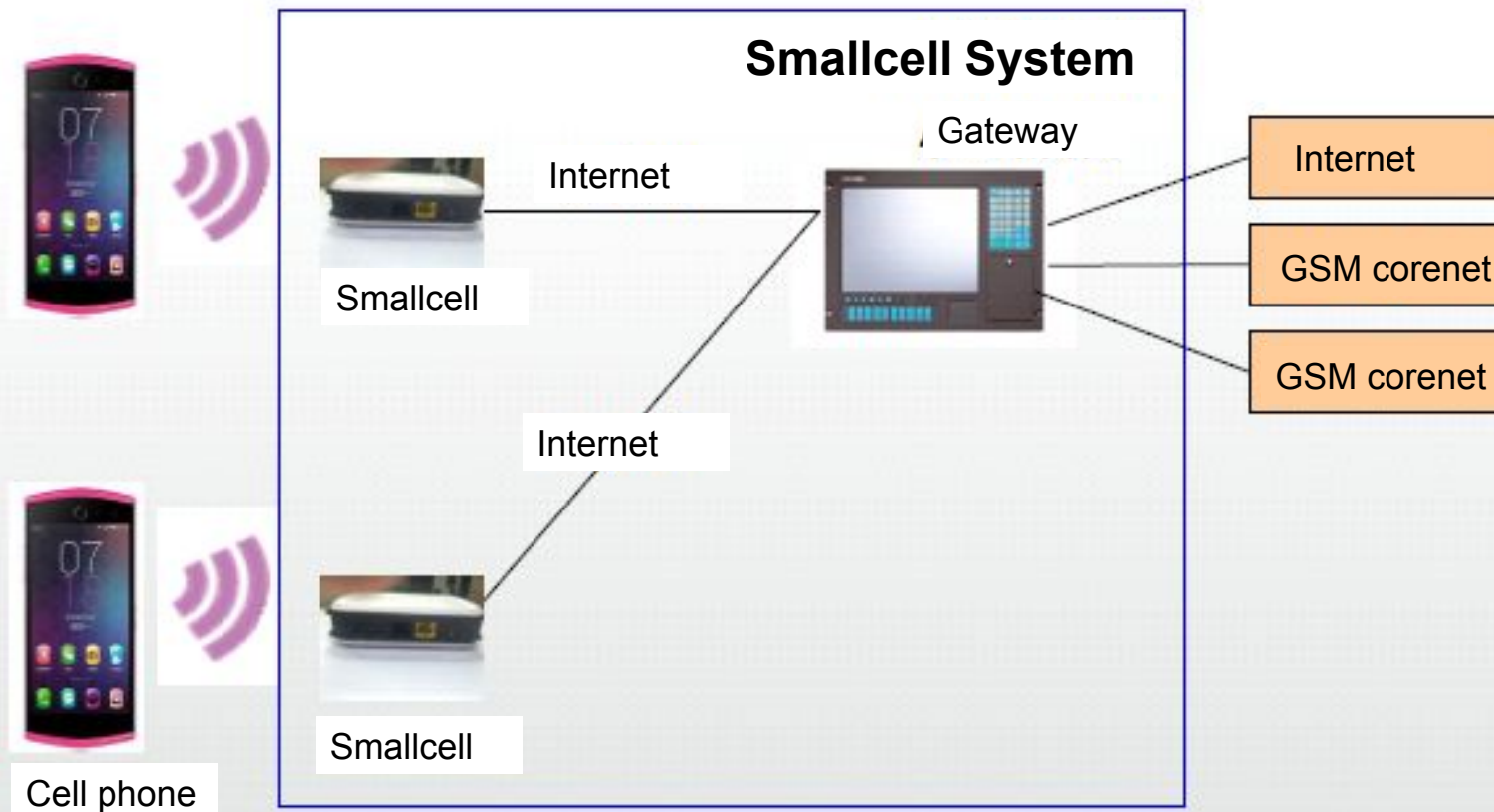
- Deposit must > 50%.
- Extra fee for technical supports.



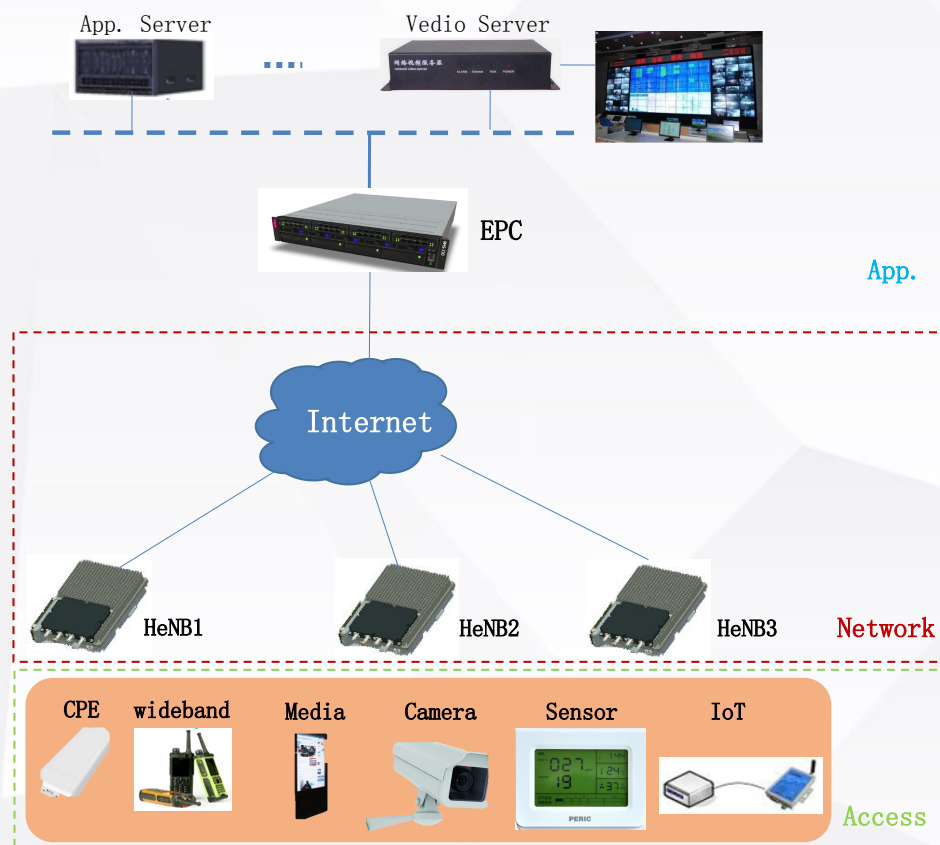
# Special telecomm.system

Telecomm. products

## ● GSM Network solution



# ● 4G Network solution



## App. layer

Analyze the data from smallcell and give some additional result, such as video save and AI recognition.

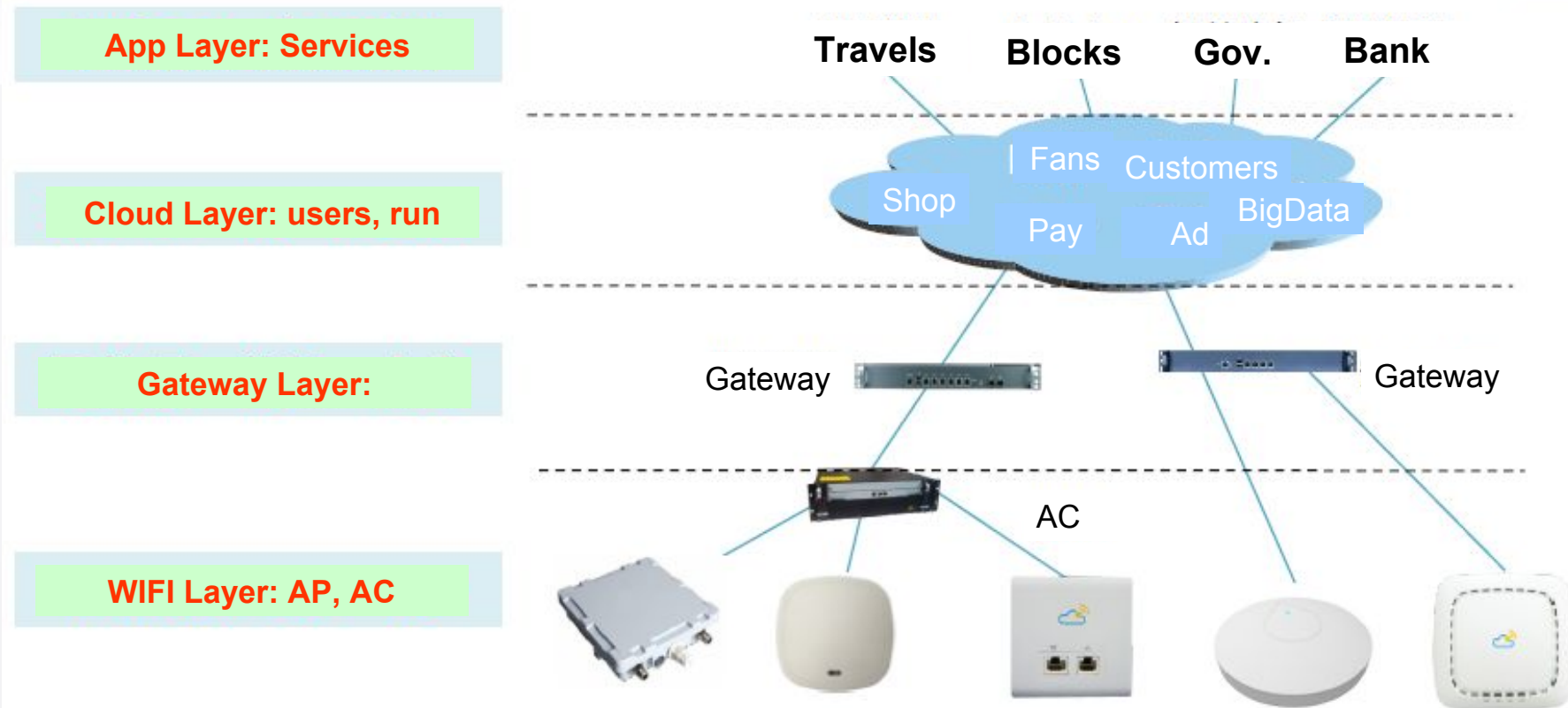
## Network layer

Smallcell can connect EPC via ethernet cable. So smallcell can be far from EPC to make a very wide coverage.

## Access layer

IP camera, audio collector, sensor, and all kinds of endpoints can access to smallcell to get the network transfer ability.

## ● WIFI Network solution



## ● Whole network in a car

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- You can install the whole network system in a car.
- Thus you can
  - fast network recovery.
  - Coverage range: 10 KM.
- Suitable for
  - Disaster
  - Police
  - Army



## ● Whole network in a box



项目	参数
产品制式	FDD-LTE
适用频段	上行：704MHz - 716MHz 下行：734MHz - 746MHz
信道带宽	10 MHz
峰值速率	上行：>24Mbps，下行：>33Mbps *
发射功率	双通道20W
网络接口	100/1000M 以太网口*2
环境适应性	工作温度：-40℃ ~ +65℃ 湿度：10%-100%
支持终端	华为Mate8，P9及以上系列，其他支持B28\B12\B17的通用终端或定制专用终端
功耗	<280W
电源	DC 12-30V
尺寸	388 mm (L)*308 mm (W)*128 mm (H)
重量	<9Kg

# ● The solution for Indonesia

## 2G,3G,4G in Indonesia

2016-11-07 [Indonesia](#) views

MCC	MNC	Brand	Operator	Status	Bands (MHz)	References and notes
510	00	PSN	PT Pasifik Satelit Nusantara (ACeS)	Operational	Satellite	
510	01	INDOSAT	PT Indonesian Satellite Corporation Tbk (INDOSAT)	Operational	GSM 900 / GSM 1800 / UMTS 2100 / LTE 900 / LTE 1800	Former PT Satelindo
510	03	StarOne	PT Indosat Tbk	Not operational	CDMA 800	Shut down in July 31, 2015
510	07	TelkomFlexi	PT Telkom	Operational	CDMA 800	Network to shut down end of 2015
510	08	AXIS	PT Natrindo Telepon Seluler	Operational	GSM 1800 / UMTS 2100	Merged with XL
510	09	Smartfren	PT Smart Telecom	Operational	CDMA 800 / CDMA 1900 / LTE 850 / LTE 1800 / TD-LTE 2300	
510	10	Telkomsel	PT Telekomunikasi Selular	Operational	GSM 900 / GSM 1800 / UMTS 2100 / LTE 900 / LTE 1800	
510	11	XL	PT XL Axiata Tbk	Operational	GSM 900 / GSM 1800 / UMTS 2100 / LTE 900 / LTE 1800	
510	20	TELKOMMobile	PT Telkom Indonesia Tbk	Not operational	GSM 1800	Merged with Telkomsel
510	21	IM3	PT Indonesian Satellite Corporation Tbk (INDOSAT)	Not operational	GSM 1800	Merged with Indosat (MNC 01) MNC 21 not used anymore
510	27	Ceria	PT Sampoerna Telekomunikasi Indonesia	Operational	CDMA 450	
510	28	Fren/Hepi	PT Mobile-8 Telecom	Operational	CDMA 800	Merged with SMART (MNC 09)
510	88	BOLT! Super 4G	PT Internux	Operational	TD-LTE 2300	Jabodetabek Area only
510	89	3	PT Hutchison CP Telecommunications	Operational	GSM 1800 / UMTS 2100 / LTE 1800	
510	99	Esia	PT Bakrie Telecom	Operational	CDMA 800	

## ● The solution for Pakistan

Operator	Tech	Share holder (and its percent)	Users (unit: 10k)	Mark et share	ARPU (US Dollars)	Revenue 2015 (100M Dollars)
Mobilink	GSM、W-CDMA	VimpelCom (100%)	3621	28.8	2.2	10.08
Telenor Pakistan	GSM、W-CDMA	Telenor (100%)	3493	27.7	2.45	9.1
CMPak (formerly Zong)	GSM、 W-CDMA、LTE	China Mobile (100%)	2413	19.2	--	--
Ufone	GSM、W-CDMA	PTCL (100%)	1993	15.8	--	--
Warid Telecom	GSM、LTE	AbuDhabi Group (100%)	1070	8.5	--	--



# Cellphone manage system

Catchers & Managers

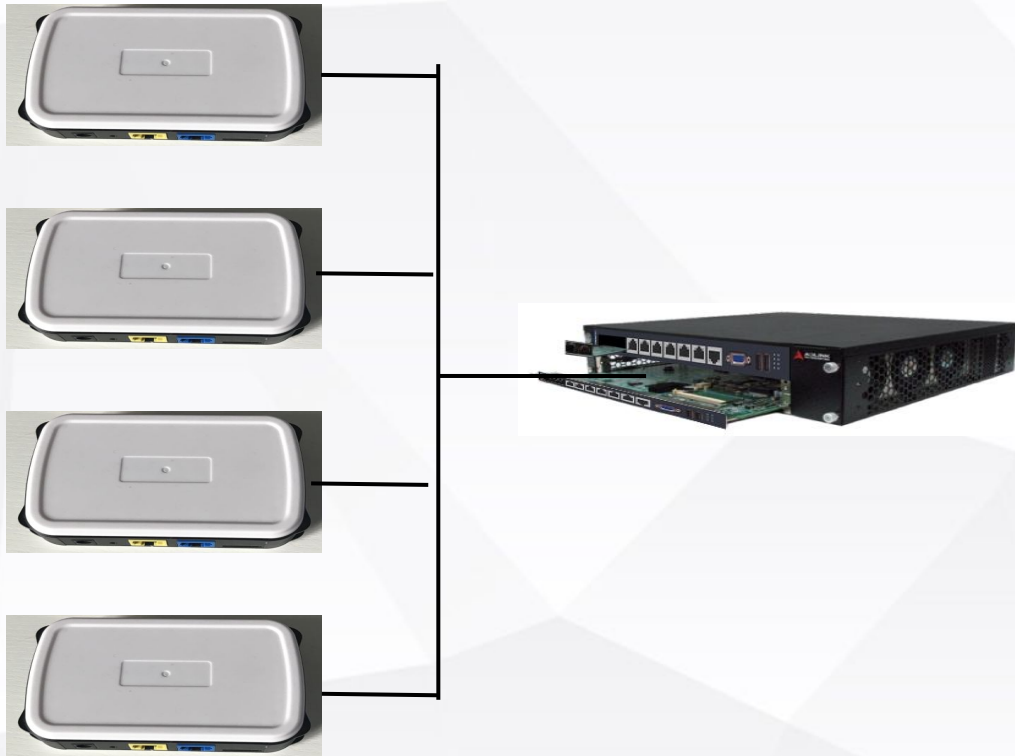
## ● Features

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- **Who, when, what, and how?**
  - In some special place, the owner want to know how many cellphone reached the place, and want to know who are them.
  - Some cellphone is licensed to work normal while the others shall be controlled.
- **All cellphone is under controled.**
  - You can define white list (IMSI) in server.
  - All phone in white list will be forward to normal macro GSM cell, so these phone can make calls normally.
  - All phone not in white list will be captured in fake cell, thus they cannot make calls.

## ● Network structure

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- You can place a fake BTS in every room.
- All fake BTS connect to server with ether cable.
- All manage operation is happened at server node.

## ● Specification for Fake BTS

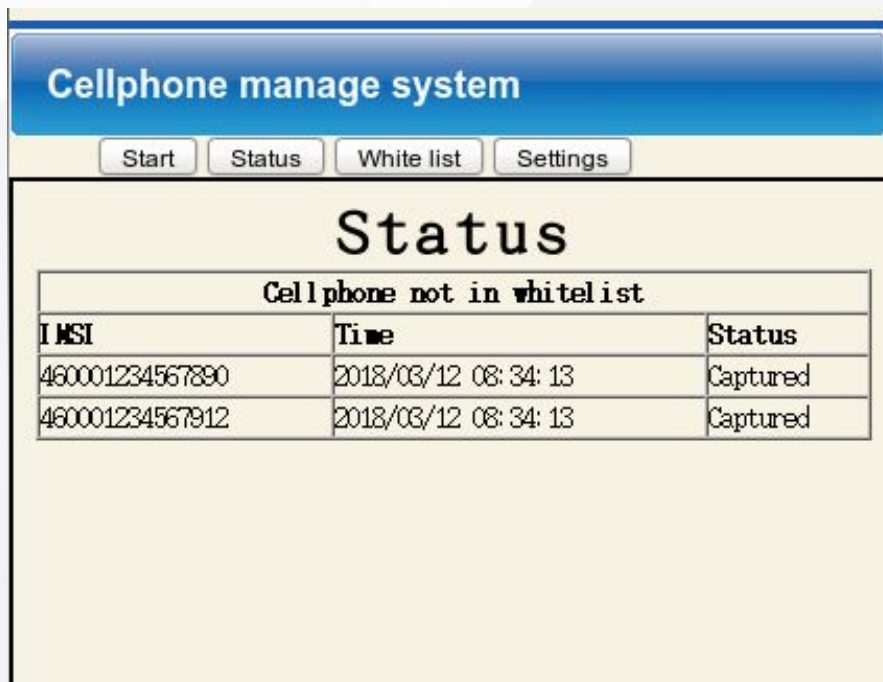
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- Band: 900/1800 MHz
- RF: 200 mW
- RangeL 20 meters
- WIFI: 2.4GHz
- Traffic ablility: unlimited registered users / 4 actived calls.
- Power: 12V DC
- Interface: 2 ether port

## ● Specification for manager server

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- Hardware: Not included, supports any X86\_64 platform.
- OS: CentOS v6.5 (64bit)
- BTS supports: > 1000 sets / server.
- GUI: WEB, Easy to use



The background features a light gray geometric pattern of overlapping triangles. Scattered across this pattern are several circles: two solid black circles, two hollow blue circles, and two solid white circles. A large, semi-transparent gray circle is positioned on the left side, partially overlapping the main title text.

# 2G/3G/4G interceptor

Audio/Data Interceptor

## ● Features

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- **Who, when, what, and how?**
  - Legal force want to intercept specific target's cellphone without disturbing the target.
- **All information is intercepted and even modified.**
  - Listen, Intercept, modify and forgery
  - Audio, SMS, Data.
- **Videos:**
  - <http://www.ismallcell.biz/v/Holmes.mp4> 【112MB】

## ● Specification for China version

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- TD-LTE
  - 20W
  - Band 38/39
- TDSCDMA
  - 20W
- Audio backhaul
  - GSM900/1800
- Data backhaul
  - 3G/4G



## ● Specification for Indonesia version

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- FDD-LTE
  - 20W
  - Band 900/1800
- WCDMA
  - 20W
  - Band 2100
- GSM
  - 20W
  - Band 900/1800
- Audio backhaul
  - GSM900/1800
- Data backhaul
  - 3G/4G





# Telegram interceptor

Audio/Data interceptor

## ● Product description



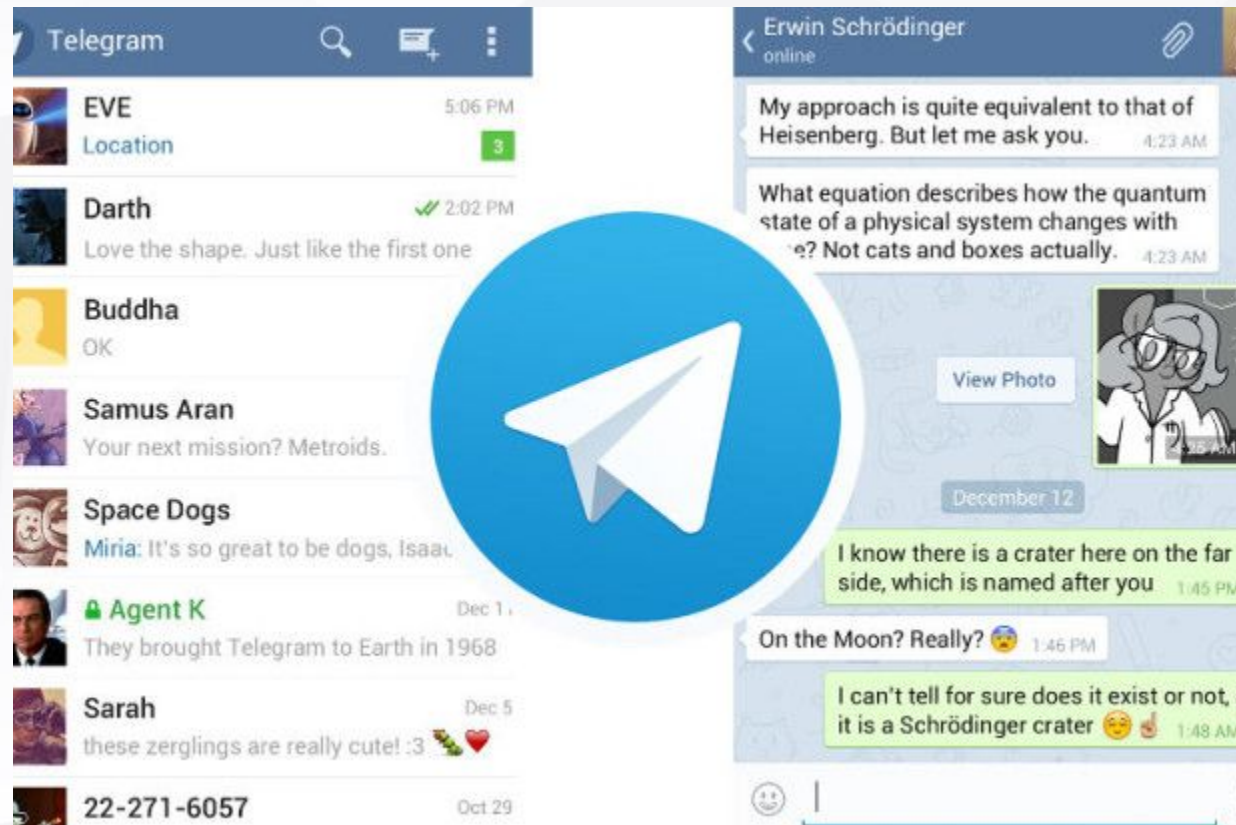
Step 1: Power on the telegram interceptor, and input the target phone number.

Step 2: Login telegram with the target phone number and received SMS.



Step 3: Now, you can get everything of telegram of the target phone number.

## ● What you can get

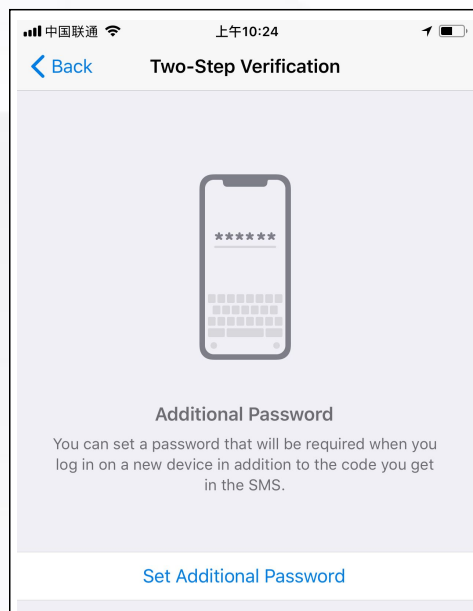


You can get all history sessions and new messages.

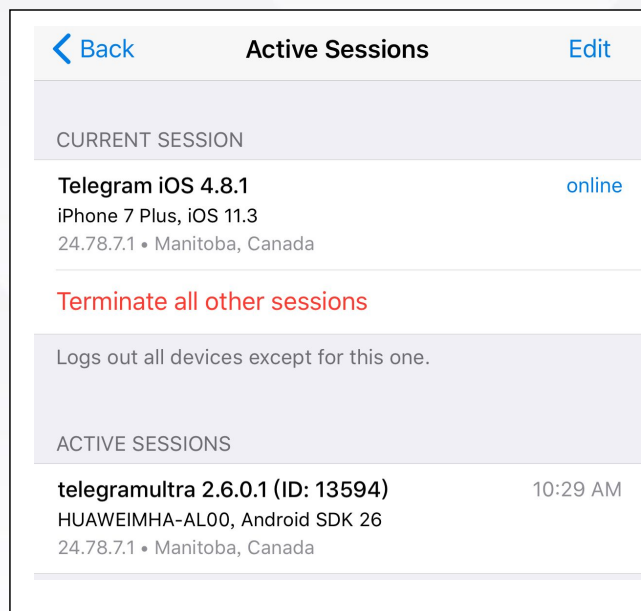
Even you can chat with others with the target's ID.



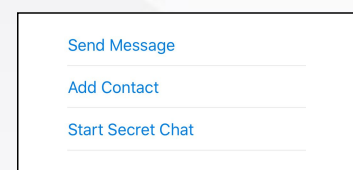
## ● The limitation and the solution



This version cannot crack Two-Step Verification. Fortunately, only a few people will enable this feature.



The target's Telegram will notice a new session shows. Fortunately, you can logout after intercept it and collect all needed info.



It cannot intercept secret chat. Fortunately, only a few people will use this feature.



## ● The intercept procedure for Telegram

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# Scenario camouflage

Camouflage & Promotion

## ● Features

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- **Who, when, what, and how?**
  - Businessman can use this tool to hide his cellphone position to any place he want.
- **Your position is always known by your rivals.**



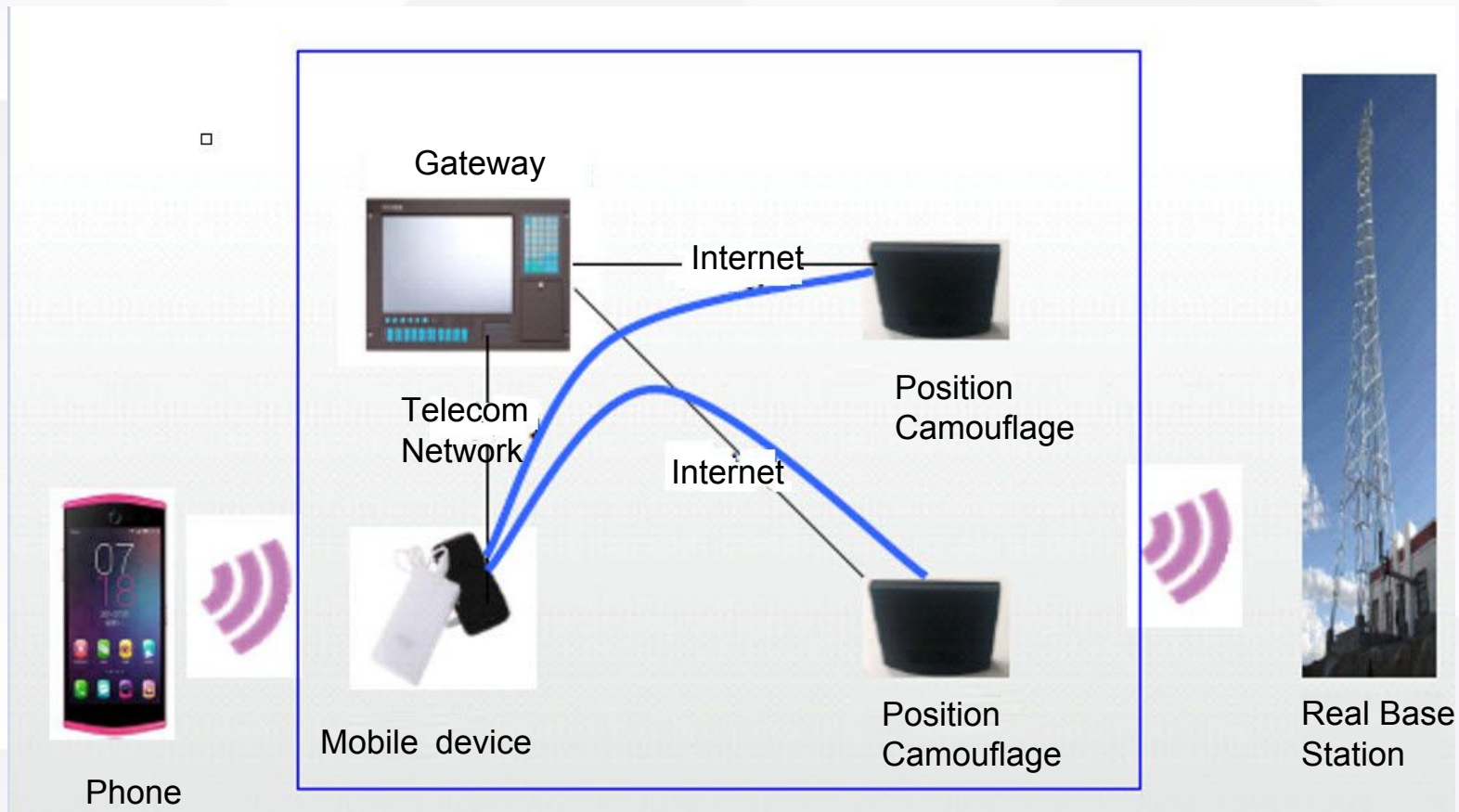
## ● Specification

---



- **Who, when, what, and how?**
  - Businessman can use this tool to hide his cellphone position to any place he want.
- **The Scenario Camouflage system consists of the handheld device and the fixed part.**
  - The hand-held part: as the base station, provides the base station signal for the user's cell phone.
  - Fixed part: as the location of the phone hidden. That is, the location of the phone is identified by the network as a fixed part.

## ● How it works?





# Cellphone promotion robot

Camouflage & Promotion

## ● Features

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- **Who, when, what, and how?**
  - Businessman can use this tool to register interactived internet account with the captured cellphones' ID.
- **Interactive register automatically**
  - Capture GSM phone near the antenna, and then simulate the captured phone to send specific SMS to specific number.
  - Then intercept the SMS received from specific number and forward it to another specific number and don't let the phone received the SMS that shall be received by phone.
- **You can define the SMS text and receiver number.**

## ● Specification

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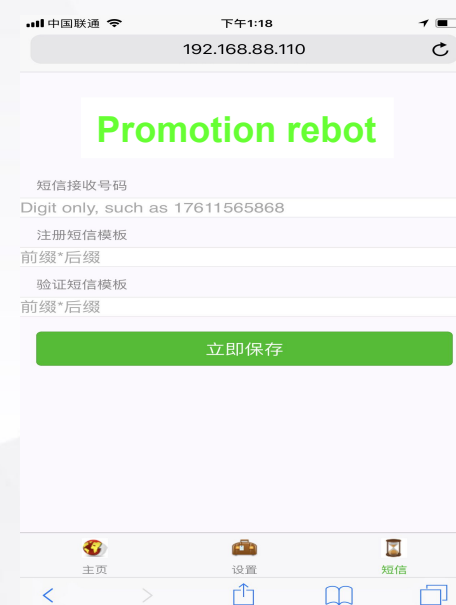
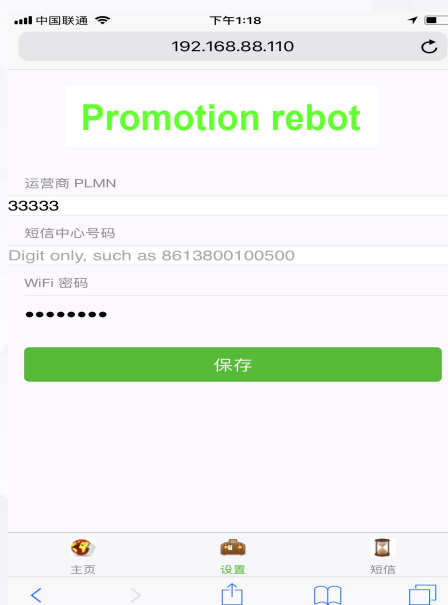
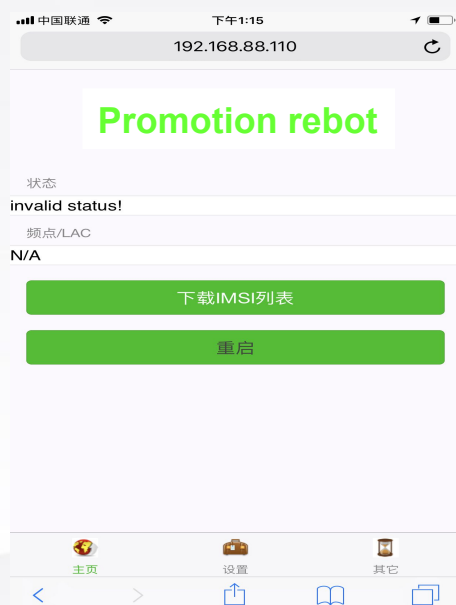
- Refer to right picture.  
The left is a phone, the right is the device.
- Size:
  - 18x13x5 CM
- Power
  - 12V DC, 10W.
- Interfaces:
  - Antenna port X 3, 2 for PA (TX/RX), one for backhaul.
  - Please prepare the PA yourself. You can choose any PA.





## ● Easy to use

- Just use your cell phone and connect WIFI hotspot: DTSQ.
- Use your browser visit <http://192.168.88.110/>
- Then you will reach the following web pages:



## ● How to use it?

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- **How to use it?**

- Power on and configure it and save the modifications.
- Bring the device to some place and power on. Just let it work 10 minutes.
- Power on and bring it to another place, and repeat the steps 2.

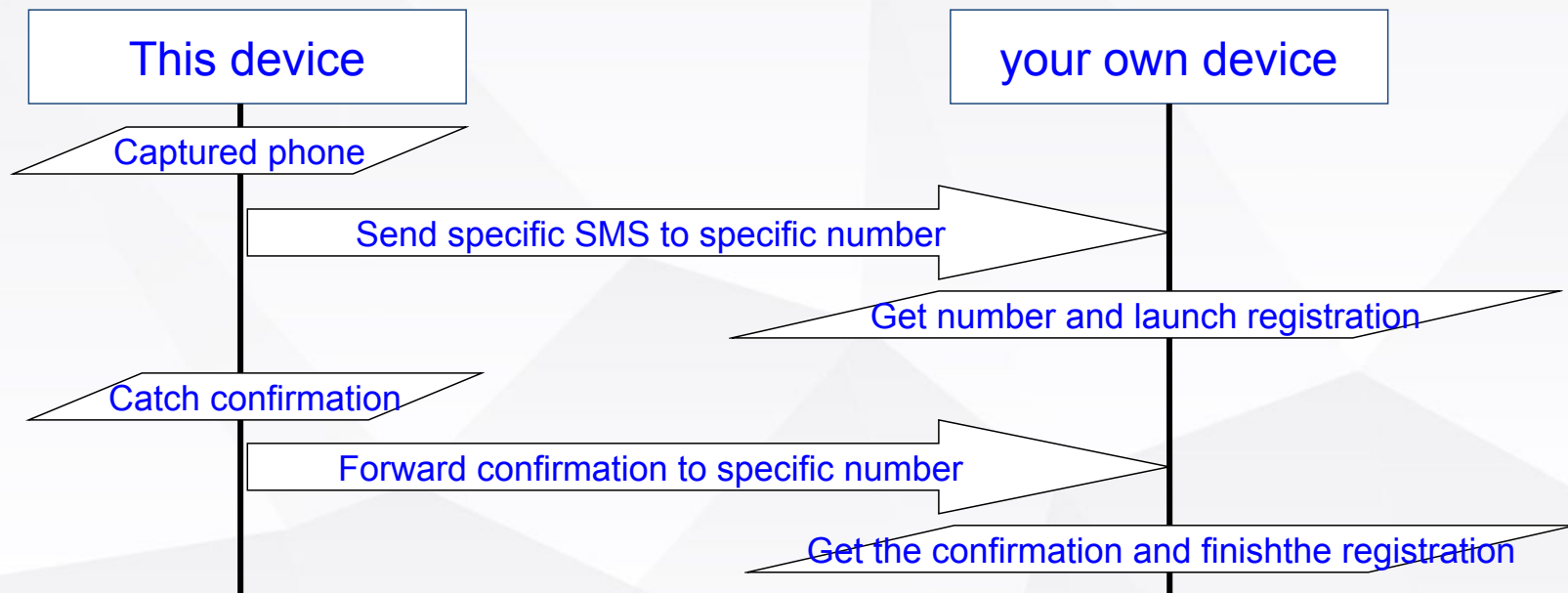
- **Where can you use it?**

- Weak 3G/4G signal
- Strongest GSM signal: -70 ~ -80 dBm
- Weakest GSM signal: < -90 dBm

## ● Work with your own device

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- Some APP needs interactive operation via internet and needs a SMS confirmation.





# HTTPS interceptor

Camouflage & Promotion

## ● Introduction

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- HTTP/HTTPS interceptors is a customized WIFI router.
- This is the looking of HTTP/HTTPS interceptors.



## ● Features

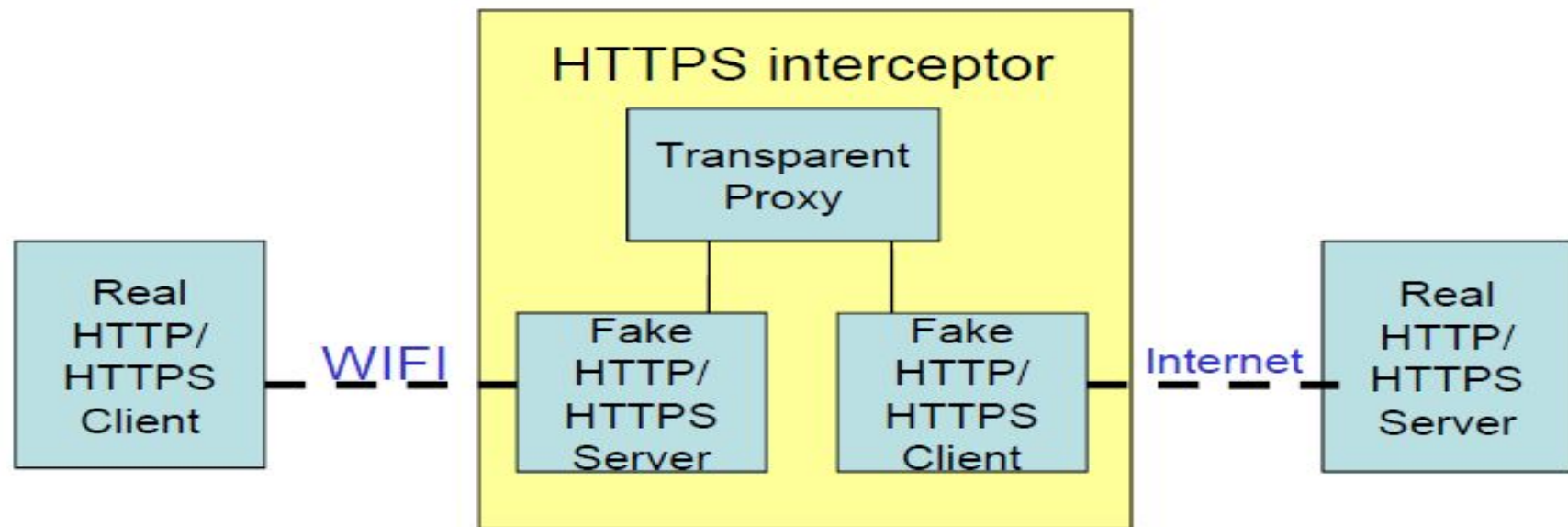
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- **Who, when, what, and how?**
  - Legal force want to intercept specific target's cellphone without disturbing the target.
- **Can capture HTTP/HTTPS/POP3/SMTP/FTP**
  - Support WIFI 2.4G/5.8G.
  - Work as non-password free WIFI hotspot, just all cell phone that enabled wifi features will login automatically.
  - With embedded transparent proxy, we can intercept HTTP/HTTPS/POP3/SMTP/FTP, and so on , in clear text format.

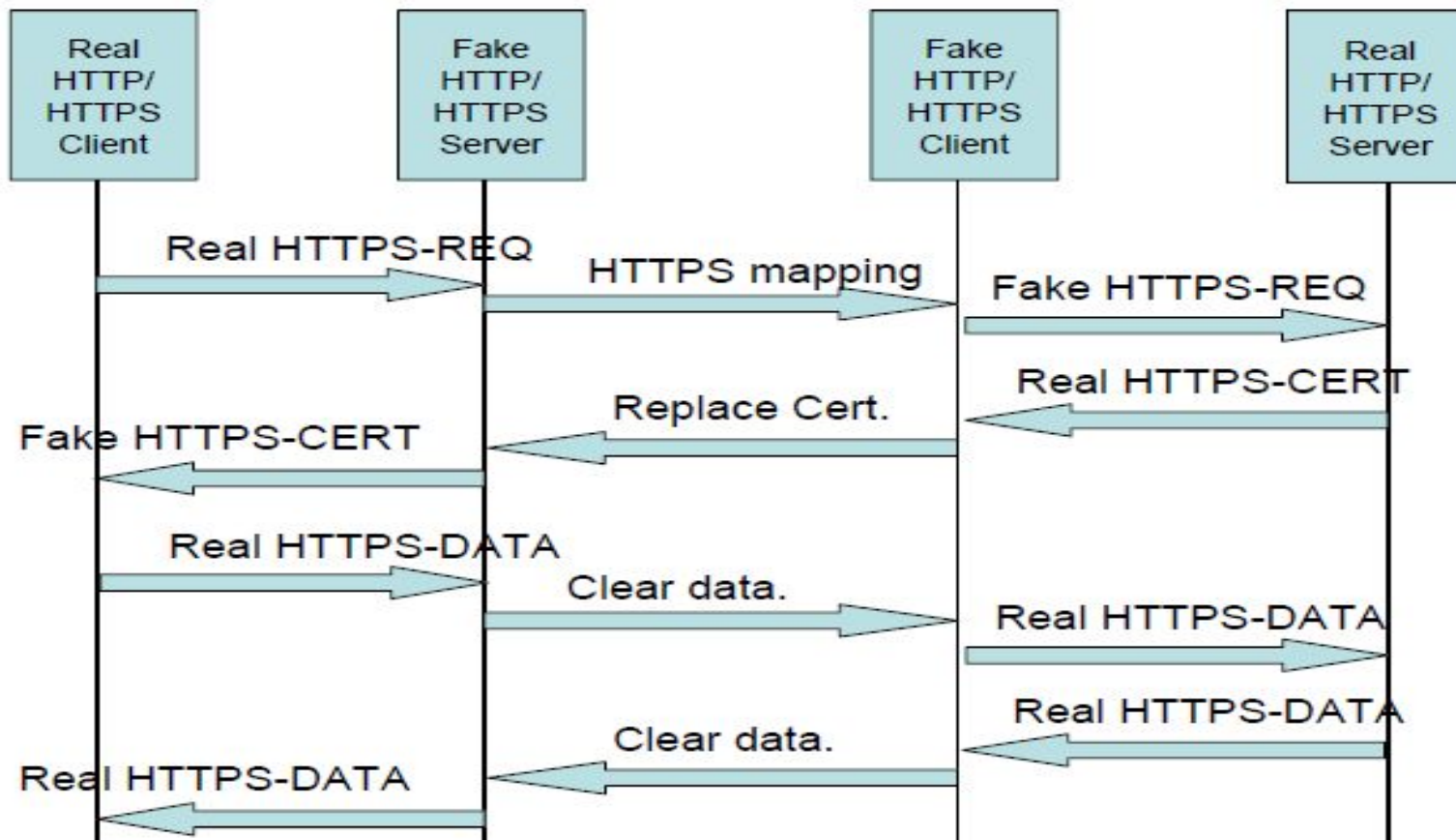
## ● How it works?

---

- The HTTP/HTTPS interceptors' structure is some like the below:



## ● Sample procedures






## ● Sample info captured.

1416037168\_47.log 1416037169\_49.log 1416037169\_50.log

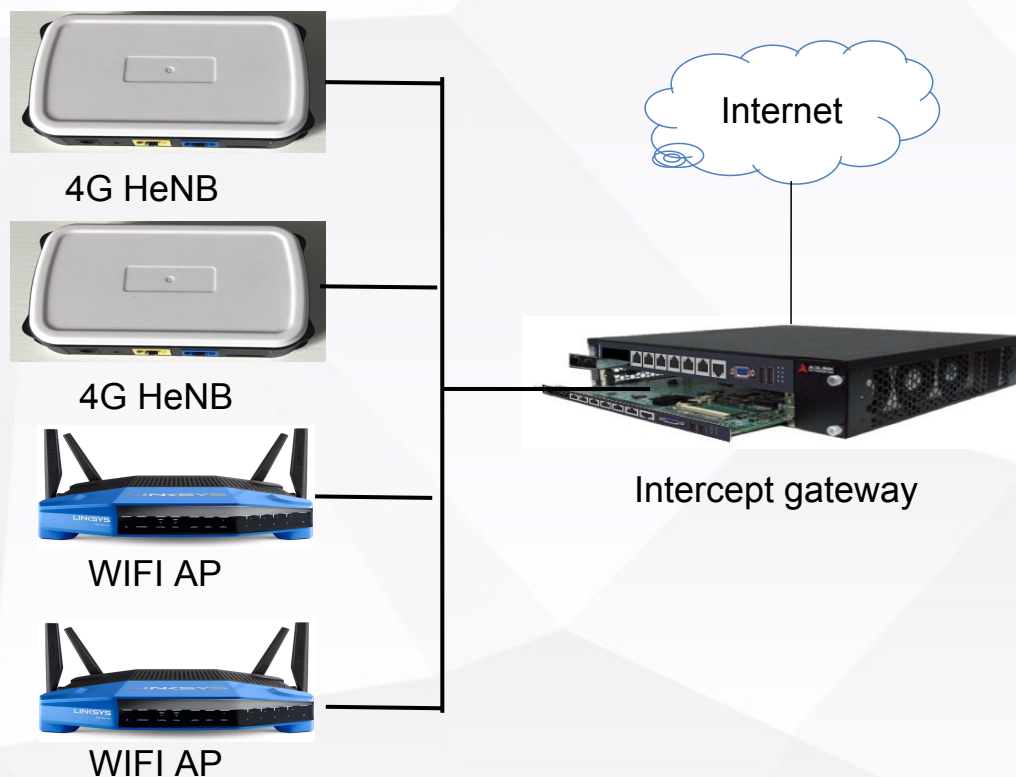
1416037169\_55.log 1416037169\_56.log 1416037168\_43.log



```
1 {
2  "BaseRequest":
  {
    "Uin":2840808661,"Sid":"ZJhBTsN7efY5u6J4","Skey":"@crypt_373
    [{"UserName":"tianluke","ChatRoomId":3220027270},
    {"UserName":"eridu_nju","ChatRoomId":3220027270},
    {"UserName":"shoujimosun","ChatRoomId":3220027270},
    {"UserName":"wanfengshanren","ChatRoomId":3220027270},
    {"UserName":"xutao784642","ChatRoomId":3220027270},
    {"UserName":"xuefoxshi","ChatRoomId":3220027270},
    {"UserName":"vivien_zhuqd","ChatRoomId":3220027270},
    {"UserName":"rrhul974","ChatRoomId":3220027270},
    {"UserName":"wanggerui002","ChatRoomId":3220027270},
    {"UserName":"wxid_mqqiw8fvkiug21","ChatRoomId":3220027270},
    {"UserName":"wxid_9685726857421","ChatRoomId":3220027270},
    {"UserName":"huntun271078","ChatRoomId":3220027270},
    {"UserName":"ligang516760","ChatRoomId":3220027270},
    {"UserName":"wxid_implpk03891921","ChatRoomId":3220027270},
    {"UserName":"wxid_2tpbbrqis0px21","ChatRoomId":3220027270},
    {"UserName":"wxid_gltbmndvwlw221","ChatRoomId":3220027270},
    {"UserName":"qq161552","ChatRoomId":3220027270},
```

## ● HTTPS Intercept as a network

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- You can place many intercept devices, such as 4G heNB, WIFI AP, in your interested place.
- All intercept devices linked to a single gateway which has an internet access.
- All intercept operation is happened in gateway node.



DVIN box

Untrackable VPN platform

## ● Introduction

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- DVIN is a network only controlled by you.
  - Based on blockchain, AI, handoff and mesh technologies, DVIN can break all kinds of barriers, cross any kind of networks, to connect any kinds of network devices.
  - Support DHCP, static IP, you can construct your private network and build your own private servers.
  - Public data via cloud, private data via DVIN. DVIN can keep your private data from interception and tracking.
- DVIN is your private Amazon that you can sell anything
  - Support add members automatic, manually, and manage members
  - Support many kinds of charging models such as initial, daily, free charging.
  - Smart contract and token make the transaction automatic and more reliable.
- DVIN is a replicable machine that can make big money
  - R9 miner, ROI < 3 months. Mass users, more time, more easier.

## ● Features

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Create your safe and fast private network (group) within one minute, supports DHCP and static IP.



Connect everything, share everything. Even you can sale your files to your members.

2018-7-19



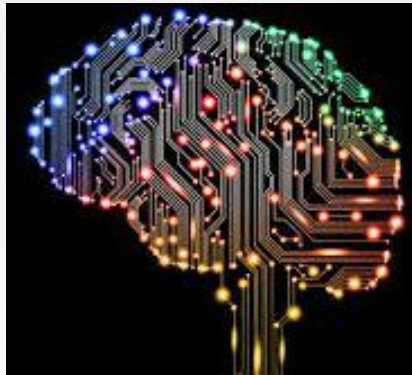
Break all kinds of barriers, cross all kinds of heterogeneous networks.



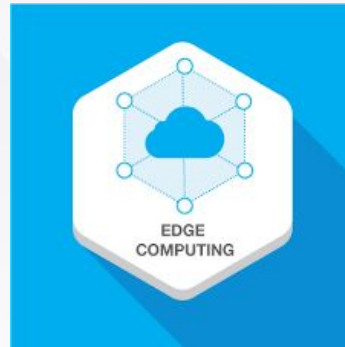
Opensourced, Decentralization, Immutability, Assets & Tokens.

## ● Advantage

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AI Powered



EDGE transfer



Immutability



Assets &  
Tokens

## ● Benefits

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1 DVIN = 10 MB, you will get  
free 1000 DVIN when registration.



Earn money fast,  
ROI < 3 months.

Exchange rate today: 1000 DVIN = 333 JPY.

2018-7-19



## ● How to earn big money?

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Type	H-Node	Service provider	R-Node	R/T Node
Basic	30%	0	70%	-100%
Initial	30%	70%	0	-100%
Daily	20%	80%	0	-100%
Free	10%	90%	0	-100%

- **Blockchain ecology: service provider earn DVIN while service user pay DVIN.**
  - H-Node provide accounting, routing plan, credit rating services.
  - R9 miner, R node provide transport services.
  - R/T node enjoy the DVIN services.
  - Smart contract and token makes the transaction reliable.

2018-7-19

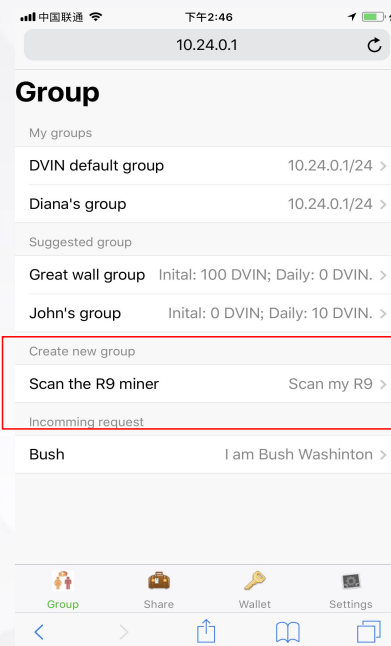


# ● Get start!

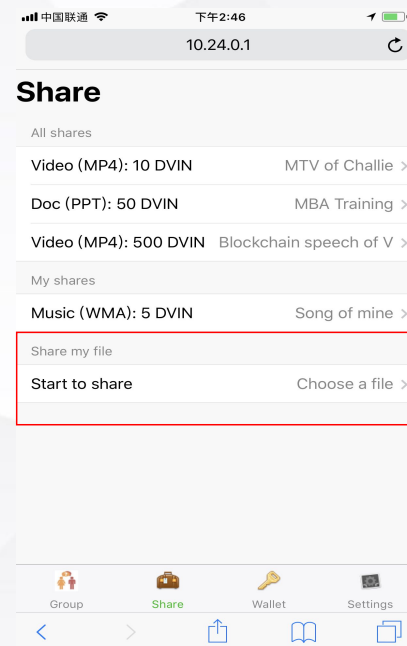


Download

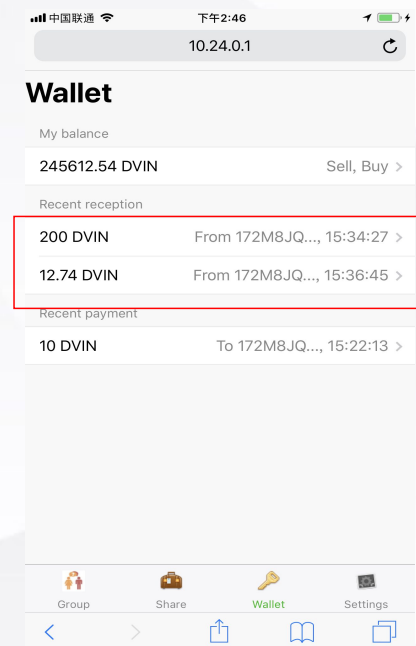
2018-7-19



Create a  
group



Start your  
business



Earn big  
money

## ● Products

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### **R9 Miner**

Group master's node that can be used to share files and earn big money.

Cloud version: 250K JPY  
Box version: 300K JPY



### **R node**

Group member's node that can be used to join the any group and enjoy the group services.

Box version: 4K JPY



### **T node**

Group member's node that can be used to join the any group and enjoy the group services.

App version: Free

## ● Cases

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Build a private network  
and provide private  
services for members.



Sale private  
files/services to your  
fans.



# Marketing box

Smart marketing system

## ● Introduction

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### **Cheapest marketing channel:**

- ✓Box deposit: US\$200.
- ✓Ad SMS: according to your budget, such as US\$1 with 100 SMS per day.

### **Place this box in your shop,**

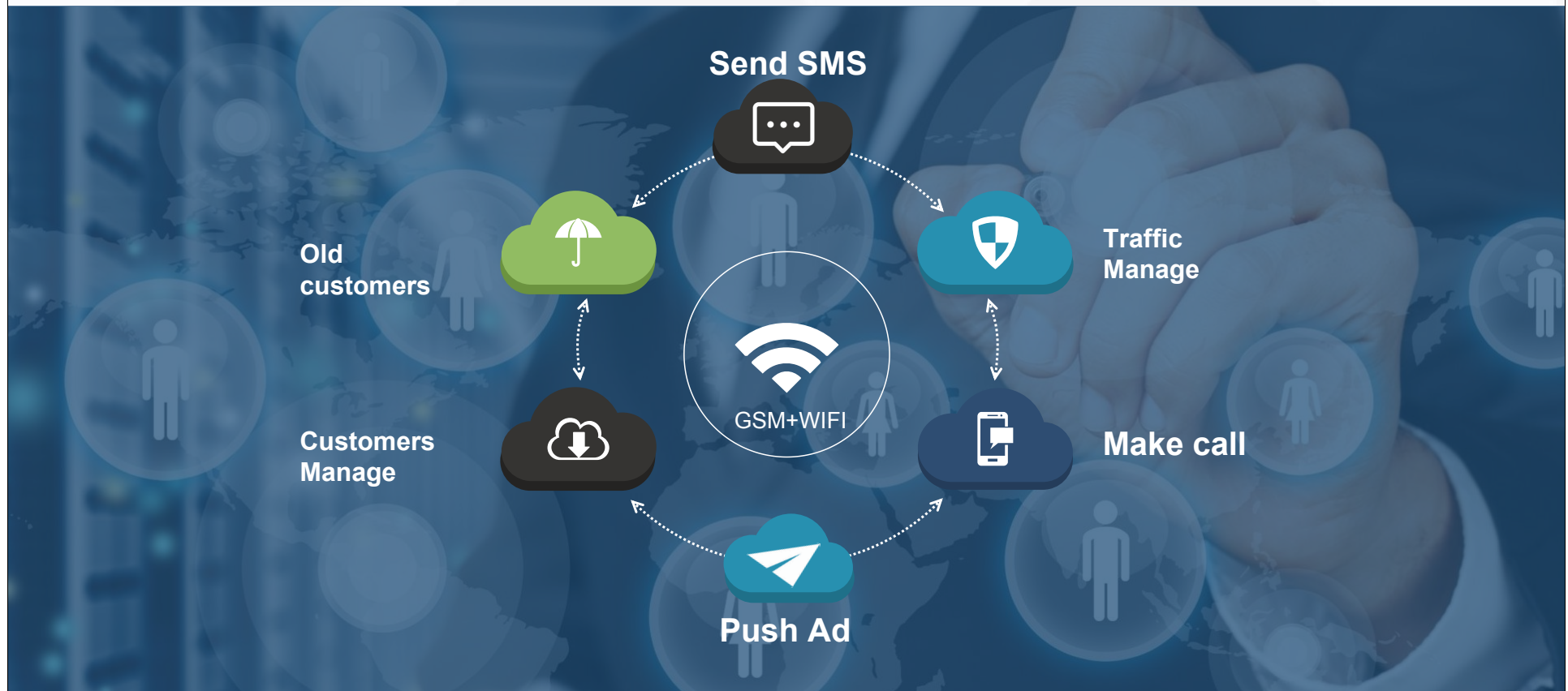
- ✓you will get more and more customers.
- ✓you will know who visit near your shop, and what's his hobbies, and how to connect him?

### **How to use it?**

- ✓Connect the Marketing box to Internet and power on.
- ✓Connect the WIFI of the Marketing box.
- ✓Scan the above code and login.
- ✓Know you customers and connect your customers.

## ● Main features - powered by big data

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The background features a light gray geometric pattern of overlapping triangles. Scattered throughout are several spheres: a large white sphere with a gradient, a medium black sphere, a small white sphere, and a medium white sphere. The word "THANKS" is written in red capital letters on the large white sphere.

**THANKS**

**iSmallcell.biz**

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**Mail: I13263450083@gmail.com**