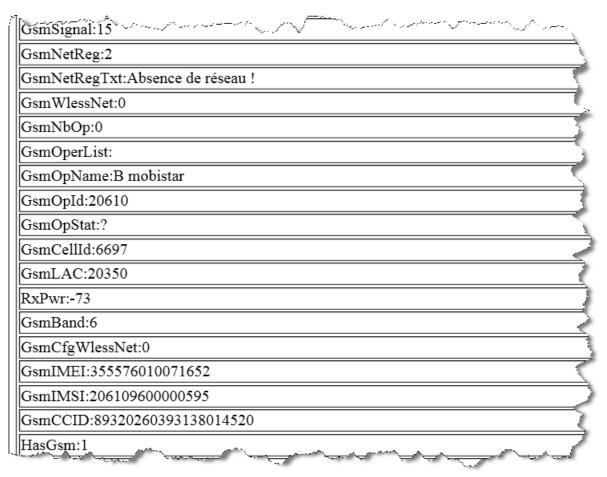


## Extract the modem and SIM Card info

# 1. Purpose

The script example shown below allows to see GsmIMEI, GsmINSI, GsmCellId, GsmLAC, GsmWlessNet & GsmNetRegTxt which located inside "estat.htm"



**GsmIMEI**: The International Mobile Equipment Identity is a number, usually unique, to identify GSM. The IMEI number is used by a GSM network to identify valid devices and therefore can be used for stopping a stolen phone from accessing that network.

**GSMIMSI**: An International Mobile Subscriber Identity is a unique identification associated with all GSM,UMTS and LTE network mobile phone users.

**GsmCellId**: is a generally unique number used to identify each Base transceiver station (BTS) or sector of a BTS within a location area code (LAC) if not within a GSM network.

**GsmLAC**: local area code.



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**GsmWlessNet\***: reports the current detected wireless network. This gives you a value from 0 to 5 which correspond to the network type.

- UNKNOWN = 0,
- GPRS = 1,
- EGPRS = 2.
- WCDMA = 3,
- HSPA = 4.
- NO GPRS = 5

**GsmNetRegTxt\***: Indicates the network connection status (No Network, Home network or Roaming) followed by the detected network type in parentheses (EDGE, GPRS, HSPA, etc)

\* Network type info not always available

# 2. Implementation

Put the following code into a User Section of the Basic Script in eWON.

```
GSM Info:
Cls
SETSYS INF, "load"
A$ = GETSYS INF, "GsmIMEI"
Print "GsmIMEI : ";A$
A$ = GETSYS INF, "GsmIMSI"
Print "GsmIMSI : ";A$
A$ = GETSYS INF, "GsmCellId"
Print "GsmCellID : ";A$
A$ = GETSYS INF, "GsmLAC"
Print "GsmLAC : ";A$
A$ = GETSYS INF, "GsmWlessNet"
Print "GsmWlessNet: ";A$;" UNKNOWN = 0,GPRS = 1,EGPRS = 2,WCDMA =
3, HSPA = 4, NO GPRS = 5"
A$ = GETSYS INF, "GsmNetRegTxt"
Print "GsmNetRegTxt : ";A$
End
```

We use the SETSYS INF,"load" to load information about eWON.

"A\$ = GETSYS INF,"GsmIMEI"" is use as to extract the value we want, in this case GsmIMEI



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### With the result below:

| Script Control                                                                                                                                                                                  |                            |                     |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------|--|--|
| GsmIMEI : 355576010071652 GsmIMSI : 206014401742071 GsmCellID : 46383 GsmLAC : 7131 GsmSwlessNet : 0 UNKNOWN = 0,GPRS = 1,EGP RS = 2,WCDMA = 3,HSPA = 4,NO_GPRS = 5 GsmNetRegTxt : Home network |                            |                     |  |  |
| Update Output                                                                                                                                                                                   | Script starts at eWON Boot | Update Autorun mode |  |  |
| Execute Command                                                                                                                                                                                 |                            |                     |  |  |





### **Revision**

### **Revision History**

| Revision Level | Date       | Description          |  |
|----------------|------------|----------------------|--|
| 1.0            | 28/05/2014 | Creation of document |  |

#### Document build number: 5

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