SATEL MCCU-30
Collected Data Points

CONFIG STATUS

- Status
- Active set
- Reboot needed
- Config pending

LED STATUS

- Color
- State

SYSTEM STATUS & HEALTH

System-level indicators:

- Status color
- Reboot status
- Rootfs used %

Domain subsystem statuses:

- Host status
- Host status color
- Host info
- TRx status
- TRx status color
- TRx info
- Cellular status
- Cellular status color
- Cellular info
- Wlan status
- Wlan status color
- Wlan info

SYSTEM IDENTIFICATION

- model
- psn
- hostname
- cpu
- mac addresses

SOFTWARE VERSION

- SW version
- Module SW version
- Kernel version

SYSTEM MONITORING

- CPU
- LTE
- WiFi/BT
- TRx radio module

VOLTAGE/CURRENT/POWER

- Current level
- Current status
- Power level
- Power status
- Voltage level
- Voltage status

SYSTEM UPTIME

- boot time
- up (uptime)

CPU LOAD AVERAGE

- load 1min
- load 5min
- load 15min

MEMORY

- total
- available
- percent
- used
- free
- active
- inactive
- buffers
- cached
- shared
- slab

DISK USAGE (FOR EACH FILESYSTEM)

- filesystem
- size
- used
- available
- use %
- mounted

DISK USAGE, INODES (FOR EACH FILESYSTEM)

- filesystem
- size
- used
- available
- use %
- mounted

CELLULAR (MODEM, SIM, LOCATION, NETWORK, SIGNAL)

- model
- firmware revision
- h/w revision
- imei
- version

SIM

- sim slot
- active
- imsi
- iccid
- operator id
- operator name

CELLULAR, LOCATION

- operator mcc
- operator mnc
- location area code
- tracking area code
- cell id

NETWORK

- time
- state
- power state
- access tech
- operator id
- operator name
- registration

SIGNAL

- refresh rate
- rssi
- rsrq
- rsrp
- s/n (signal to noise)

WLAN AP INTERFACE

- Interface
- ifindex
- wdev
- addr
- ssid
- type
- wiphy
- channel
- frequency
- width
- center

WLAN AP LINK

- ifindex
- ifname
- flags
- mtu
- qdisc
- operstate
- linkmode
- group
- txqlen
- link_type
- address
- broadcast
- permaddr

WLAN STA INTERFACE

- Interface
- ifindex
- wdev
- addr
- type
- wiphy
- channel
- frequency
- width
- center

WLAN STA LINK

- ifindex
- ifname
- flags
- mtu
- qdisc
- operstate
- linkmode
- group
- txqlen
- link_type
- address
- broadcast

SATEL TRX RADIO

- modem model
- version
- compatibility
- psn
- RX and TX frequency
- Channel width
- Tx power
- Fec mode
- Repeater mode
- Error check mode
- Signal threshold
- rssi
- aes256