

# XCAL-MO III Benchmarking (Chipset, Mobile, System, Operators...)

## Benchmarking Solution for up to 30 mobile phones in parallel

XCAL-MO III is a benchmarking solution to interface with 30 mobile phones at the same time in parallel. It's an excellent solution to reduce overall cost with flexibility and portability.

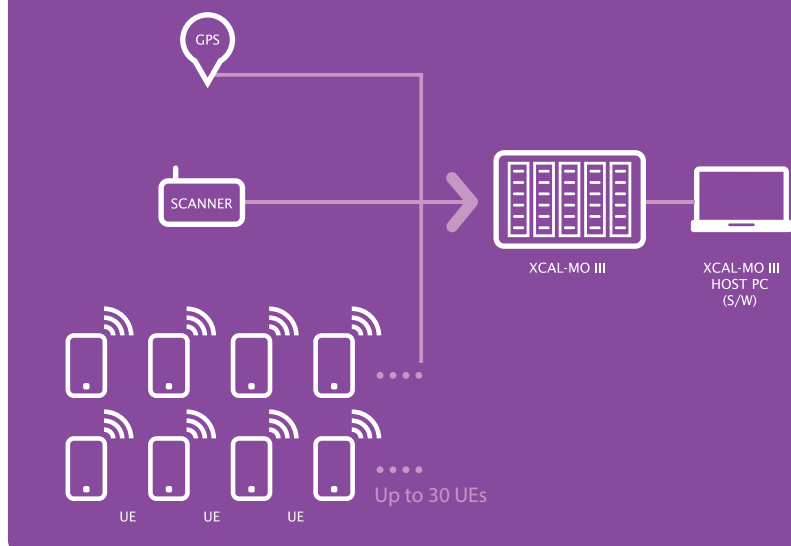
### Use XCAL-MO III to

- Support multiple connections up to 30 mobile phones in parallel with full measurement
- H/W solution based on Slot structure up to 5 Slots
- Each slot has an embedded CPUs and Memory optimized for measurement of all Wireless Network
- Support an automated call test and make a benchmarking or comparison measurement with multiple devices
- Benchmarking test among multiple & different service operators, different mobile phones, or networks

### Features

- Supporting up to 30 devices
- Interfacing with various devices
  - : Mobile Phone, USB Model
  - : GPS (1 unit)
  - : Scanner (2units)
- Support standard based MOS test
- Using same User GUI of XCAL series
  - : Display Voice/Data quality test result and RF information in real time
- Independent OS for 5 of each Slot (6 port per Slot)
- No additional equipment required for MOS interworking
- Optimized for Field Test
- Optimized for perator/Vendor/Network Benchmarking Test
- Map Plot in Mobility – Real-time map view with signal level plotting
- Scalable in Cascade form (x2) (Up to 60 mobile phones)

### XCAL-MO III System Configuration



### XCAL-Smart applicable

- App execution and result reporting by device
- Auto control of Voice/Data Call
- Automation of App execution and operating test App
- Collecting RF information through API
- Real time communication with DM through tethering/tunneling

### XCAL PC Based Solution Capacity

Contents	XCAL	MPm4	MPm6	PU9	MO III	MTS
Autocall Support	O	O	O	O	O	O
No. of device interfacing	4	4	6	9	30	60~120 (/ 1 Rack)
Field Test	X	O	O	O	O	X
In-building Test	X	X	X	O	X	X
MOS Test	△ Support with MC-CM132	O	O	O	O	O
Benchmarking Test	X	O	O	O	O	O

# XCAL-MO III Benchmarking (Chipset, Mobile, System, Operators...)

## H/W Specification

Title	Spec	Note
Power Input	48VDC (Require external power supply)	
Power Consumption	Typically, 290W Max. 450W	PIU-U6 x 5ea
CPU	Intel Core i7-4700EQ (Haswell) TDP : 47 W	PIU(Slot)
Memory	RAM : 16GB DDR3L-1600	
SSD	128GB -> 256GB	
PIU Phone Interface	USB 6-port USB3.0 / USB2.0 1A, 5V (MAX.)	
External Interface	1-Gigabit Ethernet	2 ports
Size	249 x 193 x 327(W x H x D , mm)	
Weight	< 7Kg	
Accessory	External Power Supply (AC-DC)	

\* Components : XCAL-MO III(H/W), Power supply/Cable, Phone Interface Cable, GPS, LAN Cable, Bluetooth Cable, 1:1 MOS Cable



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