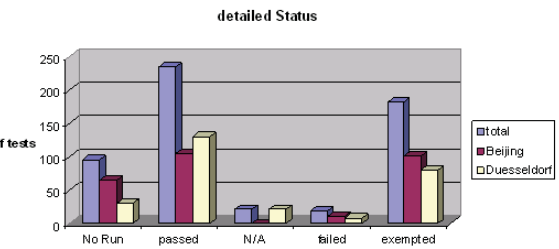
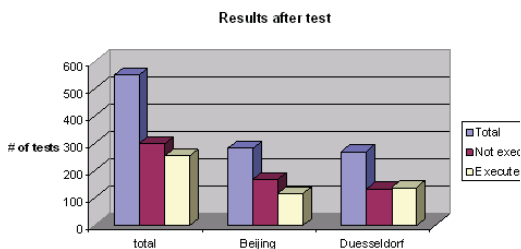
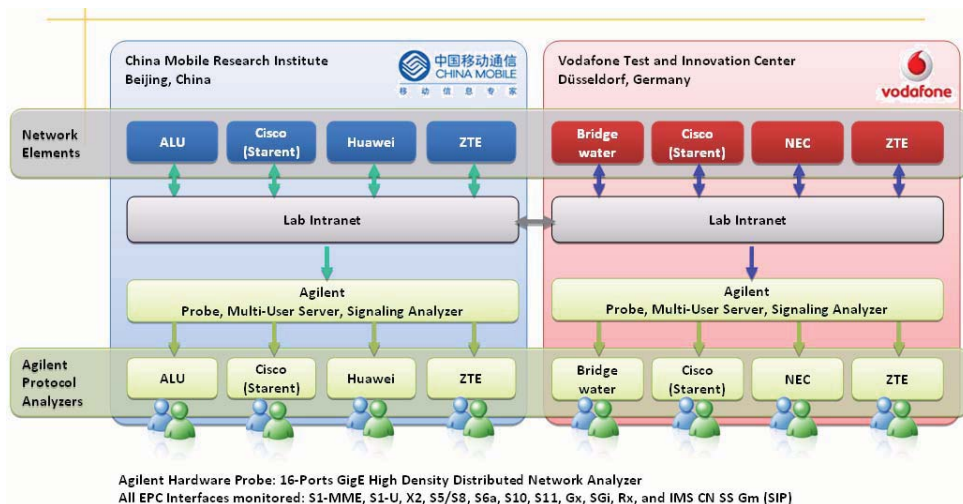


# First Global MultiService Forum EPC/LTE IOT completed

The first global MSF (MultiService Forum) EPC/LTE interoperability event was completed on March 31, 2010, which was hosted by China Mobile Research Institute in Beijing and Vodafone's Test and Innovation Centre in Dusseldorf, Germany. The joint test event started from March 15, 2010.

Both intra-lab and inter-lab tests were involved in this comprehensive events. At Beijing site, two-thirds of the test cases for basic interworking between 42 vendor combinations were performed and all of them passed, while the other one-third were cancelled because of time constraint. For roaming test between Beijing site and Dusseldorf site, 9 roaming scenarios were carried out with 3 passed completely, 4 partially completed and another 2 scenarios were cancelled for the sake of time limit.



| Location   | Total | Not executed | Executed |
|------------|-------|--------------|----------|
| total      | 550   | 297          | 253      |
| Beijing    | 281   | 166          | 115      |
| Dusseldorf | 269   | 131          | 138      |

| location   | No Run | passed | N/A | failed | exempted |
|------------|--------|--------|-----|--------|----------|
| total      | 95     | 234    | 21  | 19     | 181      |
| Beijing    | 65     | 104    | 0   | 11     | 101      |
| Dusseldorf | 30     | 130    | 21  | 8      | 80       |

## Basic Interoperability among different Vendors is Satisfied

### Conclusions

Test result indicates that basic interoperability could be satisfied among nodes from participating vendors.

On the other hand, interoperability could not be achieved among those backward incompatible protocol versions of Rel-8 specifications (especially observed for GTPv2).

### Limitations

Not all of the specified features could be supported (e.g. MME pooling) since the event was scheduled at very early stage of the whole implementation process.

Some test cases such as handover and Non-3GPP were exempted because of certain limitations.