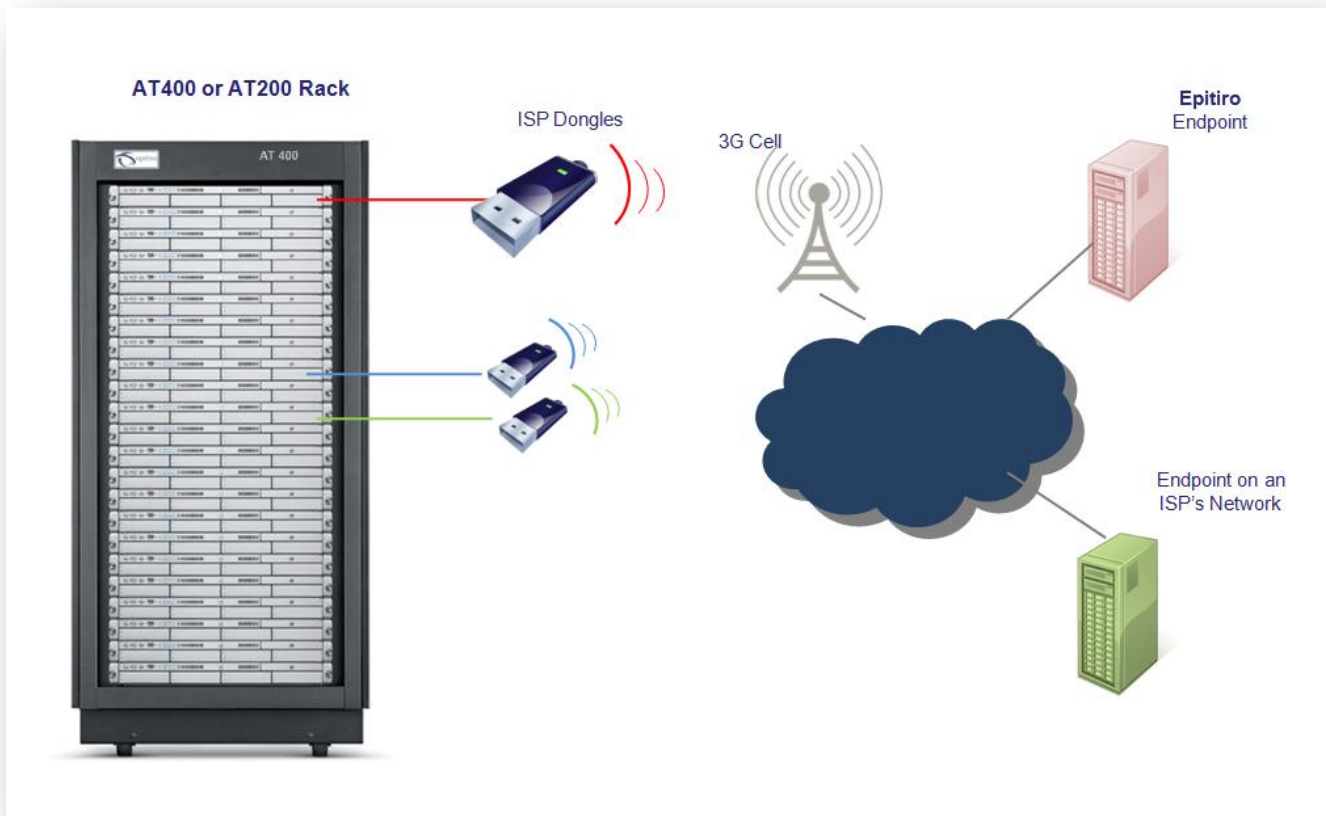


Testing Mobile Broadband Networks



Typical AT400 or AT200 Installation

Introduction

The AT400, AT400M and AT50 can be used for 3G mobile benchmarking and network management purposes.

Shown below is the AT400 as a standalone configuration where, as in Fixed Line testing, Epiteiro controls both ends. Beyond the extended test advantages this configuration allows, this set-up has the benefit of knowing the precise geographical location.

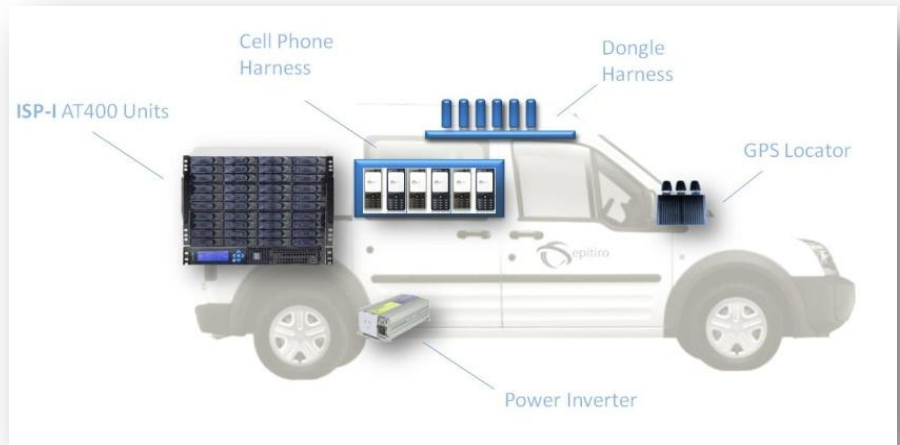
Dongles from various ISPs may be connected to the AT400 for doing comparison testing of ISPs or understanding the performance characteristics of dongle types.

Note that the AT400 can be configured to connect to either an Epiteiro endpoint for equal comparisons between ISPs (benchmarking) or an endpoint installed on the client's network for understanding on-net capability.

Drive Testing

Testing can also be performed from AT400s that have been ruggedized and installed in a drive test van. The benefits of this type of testing are that views from different geographical locations and various radio strengths can be made. Further, tests whilst in motion can be made to understand cell handoff issues and other areas of technical concern with broadband in motion.

Note that 3G phones and Smartphones can also be tested in drive test situations. This includes voice quality (discussed under Application - Mobile Voice Quality) as well as broadband service quality.



Consumer Experience Testing with the AT50

The AT50 is an excellent option for testing mobile broadband quality across a wide geographical range to understand performance variances. The software application allows 3G mobile broadband users to connect to the network from any location with the Cell ID software recording the location. Should users have more than one type of connection (e.g. WiFi and 3G) then test results will be separated in the data analysis by ISP-I's dashboard..



Please contact us directly to learn more about Epiro's testing capabilities.

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