



## XINTEC Test-Call Generator

As a Communication Service Provider (CSP) there are two areas of vulnerability best addressed using a Test-Call Generator (TCG). If call detail records (CDRs) are not recorded at network level they will be absent at every part of the system. Recording the activation time and duration of the CDRs accurately is essential, inaccuracies will result in mistakes when billing subscribers.

Independent testing of networks is performed to identify potential sources of revenue loss, and to verify and validate the integrity of the revenue assurance (RA) function.

### XINTEC's solution

**XINTEC Test-Call Generator** (TCG) is designed to simulate subscriber activity by generating call events on mobile or fixed-line networks. This independent testing of networks is carried out to identify potential sources of revenue loss, and to verify and validate the integrity of the revenue assurance function itself.

The simplest means of checking for both unrecorded CDRs and call duration is to generate test calls, and the only realistic method of generating a sufficiently large number sample of test calls is to use a TCG system that can generate calls of varying length, at various times throughout the day and to a known set of destination numbers.

XINTEC's Test-Call Generator combines both hardware and software to generate planned, real usage on the target network, whether fixed line, 2G, 3G or GPRS. The TCG then compares the output from the network elements to confirm that records for all the different types of usage were created.

In addition to showing that the records are created records, they demonstrate that the usage recorded by the network accurately reflects the customers' usage of the service and that the timing of the events are accurate.

The XINTEC Test-Call Generator may also be used as part of the compliance strategy of a CSP. By selecting a suitable sample, it provides much of the evidence to the Regulatory Authorities that the CSP is compliant with its obligations on accurately billing the customer.

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