

Smart Com - Success story

Smart Com in the Basilicata Region: a unique laboratory network
Local Public Health of Potenza is using Smart Com to integrate the two Analysis Laboratories.

The first one is in the Hospital of Villa d'Agri, whereas the second one is in the outpatients' clinic of Potenza.

Smart Com experience in the Basilicata region is the heart of a great integration project among the five laboratories of the Local Public Health of Potenza

As a result of the complex orographic nature of the territory, the Basilicata region needed to manage the samples collected over the territory in a simple, efficient and rapid way, in order to avoid the closure of the decentralized premises



Freedom

The introduction of Smart Com created the premises for a flexible sample management. The current management, where most of the activity is performed by both the laboratories, is supported by specialized analytical sectors -present only in one of the two laboratories- that realizes the analysis on behalf of both.

Smart Com allows the transfer of samples also in non-routine conditions, such as the stop of equipments owing to maintenance or failure. Smart Com experience is the heart of a great integration project among the five laboratories of the LHC of Potenza, without any existing software replacement costs. The project includes new functions set to facilitate patients' access to the structures, both ingoing (samples) and outgoing (reports allocation).

Consistency

The Smart Com-based integration and its ability to normalize data represent the base of the scope for the easy upgrade of the Electronic Health Dossier. Consequently, it allows to bring patients and health operators relevant information where and when needed and with promptness.

Performance

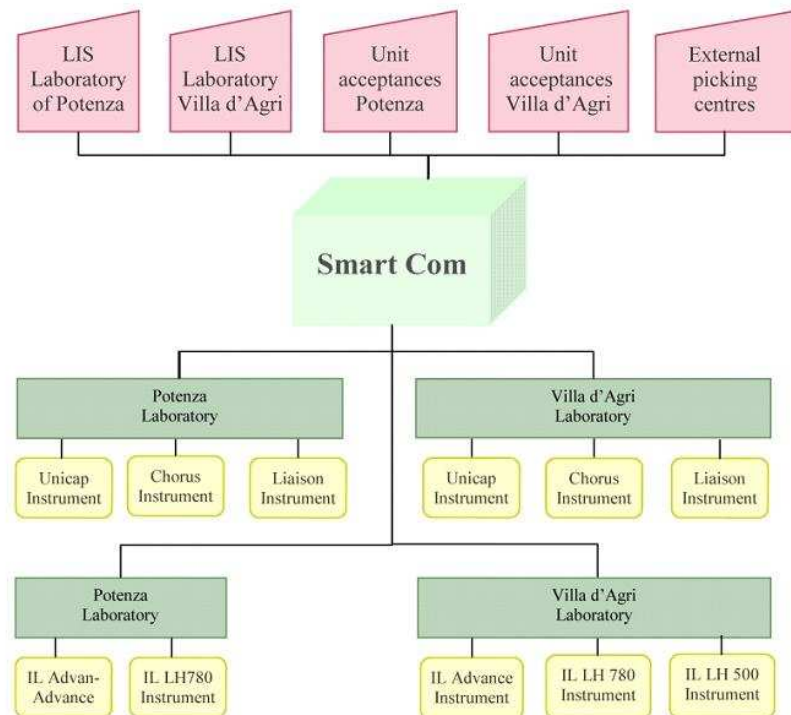
Smart Com offers connection stability with the instruments, ease of configuration and a significant functional improvement if compared with the pre-existing solution, revolved around traditional connections.

It also offers important operating advantages such as the scope for workflow remote control on the equipments, a easier sorting of samples among the laboratories and the ability to specialize laboratory sections even temporarily (ex: leave, maintenance, breakdown).

Architecture

In the Basilicata region Smart Com offers a territorial solution that nowadays concerns the two hospitals of Potenza and Villa d'Agri and at some future date will cover all the five hospitals of the territory. This installation includes a single Smart Com server, where all the analysis instruments are mapped.

With the introduction of Smart Com in the Basilicata region it was possible to create a flexible acceptance system. The samples collected over the territory can be sent either to a specialized laboratory or to the laboratory it may concern. So the standard diagnostic services are maintained in the decentralized premises that can keep on working



The samples taken in one of the picking centres of the territory can be sent indifferently to both the laboratories.

This allows to obtain a zero costing redundancy of instruments and a better distribution of the workload.