



Spigraph

THE PARC RAMBOT POLYCLINIC DIGITISES ITS PATIENT RECORDS



CONTEXT



In a more global framework related to the national directives on Personal Medical Records (PMR) and with a view to optimising human, technical and qualitative resources, the Parc Rambot Polyclinic has decided to dematerialise patient files. It will be necessary to set up an archiving system and provide digital access to the medical records. Indeed, the Parc Rambot Polyclinic processes on average 45,000 files per year and loses a considerable amount of time consulting the archives managed by a service provider. The Polyclinic also wishes to automate the entire process.

FULFILMENT



Installation of a digitisation station integrated into the establishment's Enterprise Resource Planning (ERP) system on the one hand and the Electronic Document Management (EDM) system on the other.

- Advice and support for the project in cooperation with Novadys and Ricoh
- Installation of a production scanner capable of processing up to 130 pages/minute
- Integration of Spigraph software solutions for processing of digital documents: documents in PDF/A format, electronically signed and time-stamped to ensure document integrity and generation of data then retrieved by the EDM system
- Integration into the EDM system with Novadys for instant file consultation



The success of this project is due essentially to the availability of the Ricoh, Novadys and Spigraph teams. Cooperative, attentive and responsive, they took the time to understand our needs and propose the best solution”

Michel Cami,

IT manager for the establishments of the Parc Rambot polyclinic

BENEFITS



The solution chosen has enabled:

- The exponential costs of the archiving provider to be reduced
- File accessibility to be improved
- The responsiveness of services to be optimised and their productivity to be improved



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The Parc Rambot Polyclinic, founded in 1975, comprises two short-stay medical and surgical care establishments and is located in Aix-en-Provence (13). The polyclinic has now become the biggest surgical unit in Pays d'Aix and is a major player in the care services on offer in the region with over 45,000 patients going through the polyclinic every year. A significant development that the establishment owes essentially to its on-going improvement policy to remain at the edge of innovation in all areas.

In line with this policy, the Polyclinic has set up dematerialisation of patient records for its own internal needs, a project that is part of the larger framework concerning national directives on PMRs. Initiated in October 2012, the project lasted six months, during which the Polyclinic worked in close cooperation with Spigraph in particular to design a tailored solution.

INSERT DIGITISATION INTO A GLOBAL PROCESS

Given the huge volume of archives, the Polyclinic very quickly abandoned the idea of digitizing all existing files and focused on new records. Integrated into the Enterprise Resource Planning (ERP) system on the one hand and the Electronic Document Management (EDM) system on the other, the process is entirely automated. A programme developed by the Polyclinic, queries the ERP system every day to display the list of files billed during the day. For each file, a "cover page" is printed with information on the identity of the patient, the nature of their stay and a bar code (containing the same type of data) generated by the ERP system. The archiving employee places the cover pages on the patient files and digitizes the whole file with a production scanner that can process up to 130 pages/minute

and take up to 400 pages in one load. The software solutions proposed and configured by Spigraph then take over to generate separate digital patient files identified by indexation in PDF/A format (long term archiving), electronically signed and time-stamped with the certificate taken out by the Polyclinic to guarantee the integrity of the document. These files are then stored in the EDM system. At the same time, an indexation file in CSV format is generated from the data retrieved on the documents. *"The retrieval of the information required for indexation is performed by reading the barcodes printed on the cover page,"* said Michel Cami. These data will then feed the EDM system, enabling clinic staff to easily find documents by means of text searches. Spigraph, specialised in proposing solutions in indirect mode, worked together with Novadys on EDM integration and with Ricoh who supported the overall offer to the Parc Rambot Polyclinic.

A PROJECT THAT WILL HAVE PAID FOR ITSELF IN LESS THAN FIVE YEARS

Completed in six months, the project should pay for itself in less than five years despite the investments in storage bays and a redundant site to ensure archive security. Since the cost of the archiving provider is no longer increasing every year in line with the 45,000 files processed, the Polyclinic will achieve substantial savings on this item: *"The departments are now autonomous and can access the files by EDM via a search. They no longer have to wait for the archiving staff to be available. Furthermore, the risk of losing the document in a department is eliminated and it can be consulted by several entities at the same time,"* added Michel Cami. The work is facilitated on a daily basis for all staff: in an inquiry, it is now possible to extract a panel of files based on the department

and hospitalisation period which is a huge timesaver.

A CLEAR AND PRECISE APPROACH

Spigraph made a great effort in presenting the solution: an on-site demonstration with the end hardware, presentation with real files from the archives and conclusive tests on all document formats carried out on real volumes (one day's activity: 300 files). To satisfy the Polyclinic's specific needs, an automatic backup of the activity has been put in place locally in addition to the server. *"Spigraph showed exemplary responsiveness. If the problem was a bit more complex, it was never set aside or ignored. After two months of activity, the maturity of the product has been reached,"* Michel Cami went on to say and he concluded with: *"The success of this project is due essentially to the availability of the Ricoh, Novadys and Spigraph teams. Cooperative and attentive they took the time to understand our needs and propose the best solution with the intelligence of the process based to a great extent on Spigraph's expertise. In fact we are so happy with this collaboration that we renewed their services on other projects."*

ABOUT PARC RAMBOT POLYCLINIC

Founded in 1975, the Parc Rambot Polyclinic establishments comprise two sites in Aix-en-Provence: the Parc Rambot Polyclinic and the Parc Rambot Polyclinic-Provençale. These are short stay care establishments specialised in surgery and medicine. It also owns half of the Axiom-Rambot Cardiology

GCS unit located on the site of the Axiom Clinic.

www.clinique-du-parc-rambot.fr