

## **INDRA BRINGS INTEROPERABILITY TO BOGOTA HEALTHCARE CENTERS TO CENTRALIZE PATIENT MEDICAL RECORDS AND IMPROVE MEDICAL CARE**

- **Professionals working at the 22 public healthcare centers in the capital city will be able to permanently get real-time and updated information on their patients**
- **The project will improve medical decision-making processes, render treatment and care more agile, prevent the loss of information and repetition of tests, and guarantee data security**
- **This is the first solution in Latin America based on FHIR, HL7's new data exchange standard, and will streamline the interconnection and record-keeping of data integrated in electronic medical records, regardless of the systems of origin**
- **It will permit the execution of third-party applications adapted to the needs of every professional in a wide range of disciplines, including remote care or decision-making support systems**
- **Citizens will have global access to manage their own appointments through a specific portal**

**Madrid, 14 June 2018.-** Front-runner global technology and consulting leader Indra has closed a contract with the District Healthcare Secretariat of the Bogota Mayor's Office to implement Mymed Health Data, Indra's comprehensive interoperability solution for the healthcare sector with a view to centralizing medical records of patients on record in Bogota's 22 public hospitals. This pioneering project for Latin America will enhance and render medical services more agile for a population of approximately eight million.

Mymed Health Data is based on FHIR (Fast Healthcare Interoperability Resources), the latest data exchange standard developed and promoted by HL7 (Health Level Seven), the organization responsible for some of the most widely used communications protocols in the healthcare industry.

This technology enables the integration of all information regarding a patient's health on record in the systems at different hospitals, clinics and healthcare centers into a single database so that healthcare professionals can call up the information immediately and permanently from an Electronic Medical Record model. Mymed Health Data thus solves the current problem of fragmented information generated and stored by multiple systems from different suppliers. The project also includes the integration of centralized appointment and prescription management for all healthcare centers.

"Our solution lets healthcare organizations create networks for exchanging medical records with very little investment. This is because existing departmental systems need not be replaced or migrated," explains Juan Manuel Martínez, global healthcare product director at Indra.

Another important contribution Mymed Health Data is the integration of a platform enabling the execution of applications from any software developer, so long as they satisfy the international interoperability standard (Smart on FHIR), thus simplifying the secure interaction between external applications and data contained in electronic medical record systems. Professionals thus obtain a rapid and personalized solution to their needs to include advanced tools that enable remote support services, the execution of scientific and statistics-related projects, alerts in case of side-effects or the use of support systems for clinical decisions.

### **Better decisions and less expenditures**

Real-time access to medical reports, tests, medication data, historical medical records or allergies improves decision-making and medical treatments, since professionals get a precise overview of the patient and

medical staff can effectively spend more time with the patient because of the consequential reduction in administrative and control tasks. This comprehensive view of the patient's health problems also streamlines the continuity of care in different care environments.

"This precludes the fragmentation or fractioning that many institutions are currently dealing with regarding medical records from external consultations, hospitalization, emergency and outpatient care. Every patient can have a single historical record, which is centrally managed in a single archive that professionals can consult regardless of the treating hospital, healthcare center or clinic," explains Juan Manuel Martínez.

Unequivocal identification is possible thanks to a centralized repository that manages patient personal and contact data to ensure consistent information, precludes duplicated entries and shares the information with all the systems in the organization.

Moreover, the solution enables greater control over medical treatments (reduced duplicate trials and tests, medication follow-ups, etc.), less patient trips to the hospital or healthcare center, and a notable decrease in the use of paper, thus improving efficiency and reducing costs.

### **More agile appointment and prescription management**

The integration of electronic appointment and prescription management processes also entails significant benefits for healthcare centers and patients alike. Indra's solution lets citizens manage their own appointments via a specific portal, improving the control of the demand for scheduled medical treatment and rendering a more agile search for open timeslots in each healthcare center's information systems to enter the appointment in the doctor's agenda. The solution also enables the recovery of pending appointments, provides unified information to personnel at the centers, and registers all unregistered patients in the system.

Mymed Health Data also centrally manages the entire medical prescription process. The system streamlines the patient's access to medication, thus reducing the number trips that chronically ill patients need to make to the healthcare facility. Doctors will also be able to track a patient's pharmacological history, which will be integrated into the electronic medical record. The solution also simplifies a real-time control over pharmaceutical expenses and fraud, and improves stock management.

Lastly, Indra's solution provides integration mechanisms based on International Healthcare Standards safeguarding secure data exchange. It also provides capabilities to make a single-point check on who is accessing information on the patient, what information is being accessed and how, and to limit the visibility of information to preselected profiles. Indra has also mobilized its cybersecurity team available for the project.

### **Leader in healthcare transformation projects**

Over 33 million people presently benefit from the technologies and systems developed by Indra in the healthcare sector. Indra's solutions are employed by over 100,000 professionals in more than 5,600 healthcare centers and hospitals, enabling approximately 500,000 appointments to be made every day. In electronic prescriptions, Indra has also become a leading company nationwide, as its solution is used by over 30,000 healthcare professionals, making over 225 million annual prescriptions.

Indra has been actively involved in developing regional healthcare systems in most of the autonomous communities. The company has supported deployment of electronic medical records in Andalusia (Diraya), Valencia (Abucasis) and Galicia (IANUS).

Indra is also the Spain's bellwether in implementing electronic prescriptions (e-prescriptions) with successful projects in Aragon, Andalusia, Asturias, Cantabria, Madrid, La Rioja, Murcia, Valencia, Galicia and the autonomous cities of Ceuta and Melilla. The company is now working on e-prescription interoperability in several autonomous communities. It has also undertaken emblematic projects in countries such as the Philippines, Chile and Bahrein.

In private healthcare, Indra has become the benchmark provider of solutions for electronic medical records and healthcare/clinical care management in Spain, rendering service to over 40 healthcare centers (48% pertaining to large private healthcare franchises operating in the country).

The company also works in partnership with Minsait, its digital transformation unit, in developing innovative solutions to provide and improve access to points of contact with the healthcare system or home-based health services by assessing biometric signals and providing online care. We are also engaged in projects that include connecting sensors that send real-time alerts and developing systems to integrate data from multiple sources to improve health-related decision-making.

**About Indra**

Indra is one of the world's top technology and consulting companies, and a technology partner for the key operations of its customers' businesses worldwide. It is a leading worldwide provider of proprietary solutions in niche areas in transport and defense markets and the absolute leader in IT in Spain and Latin America. It offers a comprehensive range of proprietary solutions and cutting-edge services with a high added value in technology based on a unique culture of reliability, flexibility and adaptability to its customers' needs. Indra is a world leader in the development of end-to-end technology solutions in fields such as Defense and Security, Transport and Traffic, Energy and Industry, Telecommunications and Media, Financial Services, Electoral Processes, and Public Administrations and Healthcare. Minsait is Indra's digital transformation business unit. In 2017, Indra posted a revenue of €3.011 billion, employed 40,000 professionals, and had a local presence in 46 countries plus sales operations in more than 140 countries.