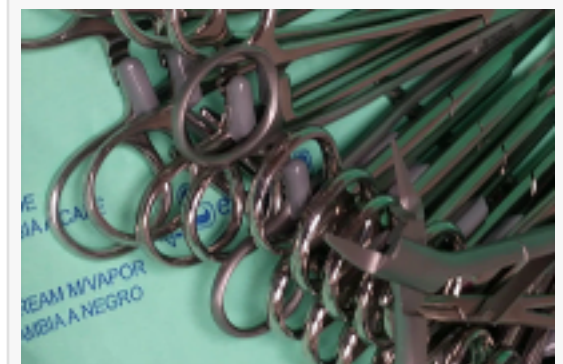


Ixtapaluca Hospital in Mexico Counts on Xerafy's RFID Tags to Track and Manage Surgical Tools

Xerafy's RFID tags will track 11,000 surgical instruments, improving productivity, reducing infection risk and eliminating misplaced instruments.

HONG KONG, CHINA, June 27, 2016 /EINPresswire.com/ -- [Xerafy](#), the world's leading innovator of [RFID metal tags](#), announced its durable, autoclavable RFID tags will be used at a Mexican hospital to track 11,000 surgical instruments during surgical procedures and throughout the sterilization and maintenance processes.

The 246-bed hospital with 13 surgical rooms serves a community of five million people. DOIHI is a division of the construction firm GIA, and provides surgical tools to HRAEI, in addition to maintaining and sterilizing the tools, providing asset management services.



RFID tags embedded on surgical instruments

Development and Operation of Hospital Infrastructure of Ixtapaluca (DOIHI), the asset management organization at the Regional Specialty Hospital of Ixtapaluca (HRAEI) in Mexico, will use Xerafy's UHF RFID tags as part of its RFID solution provided by Xerafy's partner, HTK, to track and manage surgical tools and other hospital's assets. Xerafy's autoclavable XS and XXS tags are glued to each surgical instrument, and the unique ID number encoded to that tag was paired in the HTK software with details about the tool to which it was attached.

"We urgently needed a solution for the high cost of managing our surgical instruments and operation workflow," said Jorge Mario Lopez Arango, DOIHI's general manager. "HTK and Xerafy have delivered that to us. With this application, HRAEI becomes the first hospital in Mexico and Latin America to use RFID technology in surgical kits."

"HRAEI has embraced RFID across its operations to improve efficiency and reduce costs," said Gabriel Haddad, HTK's CEO. "Xerafy's autoclavable tags are a perfect fit for the [surgical instrument tracking](#) application, which will not only improve productivity, but also enhance patient safety."

Manually processes used to account for surgical instruments sometimes result in miscounts or missing items. An automated surgical tool tracking solution will help eliminate the time staff spends manually counting instruments prior to surgeries, after procedures, and for maintenance tracking. The hospital staff uses handheld RFID readers to scan the tags and communicate the data to Android tablets running the HTK application. The tags are read during sterilization, during the building of surgical kits, and prior to each procedure. In the event of an error, the tablet displays an alert to the hospital's staff. Previously the staff has to unwrap the tools to visually count and inspect them prior to surgery. Now the data can be readily collected via RFID in seconds, and the instruments can remain in their sterilized packaging.

Xerafy's tags were selected for this application because of its expertise and experience in RFID for surgical instruments tracking for Healthcare. Xerafy's autoclavable tags are the world's smallest RFID tag with the ability to withstand the harsh environment of the autoclaves used to sterilize the instruments. Xerafy also provided expertise in providing the adhesive and lining for the tags. Prior to the pilot, HTK and DOIHI autoclaved the tags 1,000 time to ensure their performance. Once the deployment is completed, Xerafy's tags will be attached to 97 percent of the surgical tools in use at the hospital.

"Xerafy has already established itself as a RFID leader in the healthcare space, helping hospitals and universities manage thousands of surgical instruments," said Dennis Khoo, Xerafy's CEO. "DOIHI and HTK recognized our unique ability to provide tags that can survive repeated autoclave processes and ensure reliable, accurate tracking and workflow management in a hospital environment."

About Xerafy

Xerafy's innovations have changed the price-performance ratio for RFID tags and made it possible for customers to track assets in a wide range of harsh environments. Xerafy provides read-on-metal tags that can be embedded directly into assets to meet a full range of needs for RFID asset tracking in the aerospace, industrial, data center, healthcare, energy and other industries. Xerafy is headquartered in Hong Kong and maintains U.S. sales and support offices in Dallas, and additional offices in the U.K. and China.

Learn more about Xerafy by visiting www.xerafy.com.

About HTK

HTK is an International Class Company specializing in creation and development of technological solutions as applied to intelligent identification.

HTK strategic applications are focused in different asset identification solutions such as:

- Fixed Asset Management
- Reusable Containers
- Tools and Machinery
- Electronic (IT)
- Surgical Instruments

Our commitment to ensure successful and completely efficacious solutions converts the initial supplier relation into a long term strategic business partner. Today, HTK has built solutions that are installed in over 400 facilities around Mexico, Latin America and USA.

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