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TTP-225 printer streamlines workflow at leading Moscow diagnostics laboratory

Background:

The National Agency for clinical Pharmacology and Pharmacy, LLC (NACPP) is one of the largest clinical diagnostic laboratories in Moscow, processing more than 10,000 patient specimens per day. The clear, accurate labeling of specimen containers is critically important. Lives depend on it.

Unfortunately, specimen-tracking equipment from a previous vendor had trouble keeping up with the work volume and was not always dependable, slowing down testing, hampering operations and service, and driving up the cost of expensive chemical agents

"When the specimen flow started to increase like an avalanche, the problems with the old equipment became obvious," said the laboratory's RuLIS Information System Development and Implementation Manager. "The need for speed, quality of printing, and printer reliability became even more apparent to us."

MARKET:
Laboratory and clinical studies in medicine

APPLICATION:
Patient-specimen labeling

MODEL:
TTP-225

Solution:

TSC and its Russian reseller offered the perfect solution – TSC's TTP-225, a compact two-inch-format 203-dpi barcode label printer that is used in medical facilities around the world. The TTP-225 prints on high-strength polypropylene labels instead of paper to ensure durability and readability, one of NACCP's key requirements. And it can use the existing ribbon stock purchased for the lab's old printers, reducing the cost of consumables.

The TTP-225 is much easier to calibrate than the previous printer and supports web-based printing via a Java plugin. It also runs on either Win 32, Win 64 and Linux platforms and comes with a two-year limited warranty, the best in the barcode printer industry.

"All of these factors convinced us that we were making the right choice. We would definitely recommend TSC's solution to new clients," the RuLIS manager declared. "The quality of service, and the promptness with which TSC responded to our needs in solving unconventional integration-related issues was excellent."

TSC's partner is now in the process of replacing the old equipment in the central Moscow laboratory and will begin installing the new printers in NACCP's regional laboratories this year.

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MODEL:
TTP-225

Benefits:

- High-speed printing
- Easy calibration
- Stable operation on Win 32, Win 64 and Linux platforms
- Default EPL and ZPL emulation sensing
- Five-inch media-roll capacity
- Open-enclosure architecture with two walls of shock-resistant plastic
- Reliable, ergonomic design

TTP-225 Features:

Ideal for most retail, medical and office applications, the ultra-compact TTP-225 is loaded with standard features and options not offered by other printers in its class, including a USB host option, a real-time clock (an expensive extra on other small-footprint units) and an adjustable sensor – an option on many other printers.The TTP-225 also is the industry's first two-inch-wide thermal-transfer desktop printer to offer an optional LCD display.

The printer is also equipped with two types of sensors by default: a gap transmissive sensor and a black mark reflective sensor, which moves across the full width of the print area. Users can choose from two models: a standard 203-dpi version featuring print speeds up to five inches per second and a higher resolution 300-dpi version that is ideal for producing two-dimensional barcodes, fine text and small-graphics labels.

The TTP-225 supports, "right out of the box," the most popular programming languages, including Eltron® and Zebra® languages. Other features include a label-present sensor, cutters, and an inexpensive internal Ethernet adapter for easy network integration. For easy loading, the TTP-225 employs a user-friendly double-clamshell design with a large five-inch OD center-biased media bay.

About NACPP:

The National Agency for Clinical Pharmacology and Pharmacy (NACPP) was established in Moscow in 2007 by a community of leading Russian specialists working in the area of laboratory and clinical studies.

NACPP's primary focus in its early years was on clinical studies, including those involving the investigation of pharmacokinetic properties of pharmaceuticals and bioequivalence. More recently, the agency has spearheaded as many as 2,000 different laboratory investigations and now has an accredited testing laboratory in Moscow that is widely recognized for its work in advanced clinical diagnostics.

http://www.nacpp.ru/en

TSC's barcode system ensures patient safety, streamlines hospital testing and specimen tracking

Background:

With the aid of TSC's Alpha-3R portable printer, Taiwan hospitals are able to easily print patient information, nursing staff IDs and test tube labels, while expediting doctors' instructions to nursing staffs.

Solution:

After a member of the nursing staff inspects a patient's record via computer, he or she downloads and double-checks the doctor's instructions. The Alpha-3R barcode printer is then used to print the patient's ID data on a label, along with test tube labels for patient specimens and an ID label identifying the attending nurse. When a patient undergoes a test, a hand-held computer (personal digital assistant) can be used to verify the name of the patient, identity of patient specimens and name of the attending nurse.

Benefits:

- Automated wireless connection to lab-test instruments for improved specimen tracking

- Reduction of the time spent traveling between a patient's hospital bed and the nursing station

- Increased efficiency and quality-control of patient-specimen testing

- Elimination of noisy dot matrix printers (which can disturb patients), resulting in a reduction in paper costs

MARKET:
Healthcare

APPLICATION:
Expedited patient treatment and specimen tracking

MODEL:
Alpha-3R

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Alpha-3R Features:

Alpha-3R is a comfortable, light-weight printer capable of working with any mobile receipt/label printing application where you need quick, simple receipts on demand. It is designed for a rough life, inside the IP54-rated protective case to resist dust and water and with its rubber over-mold design prepared to take up to a five foot fall and keep printing.

Use USB, or optional Bluetooth®, 802.11 b/g/n Wireless or Serial to connect to a mobile computer or even a smart phone and produce clear easy-to-read receipts/labels hour after hour.

MODEL:
Alpha-3R