



## Case Study: Emergency Medical Station



### **Brother reduces issues related to laser print maintenance and boosts productivity for the Emergency Medical Service (EMS) station in Vilnius, Lithuania.**

A modern health care institution, which is adequately equipped, requires appliances to fulfil their mission to meet patients' needs and expectations by providing timely, safe, high-quality, and accessible emergency medical services using material and human resources in a rational way. The leading technology solutions provider, Brother, was chosen for their mobile thermal print solution that supports full-page mobile printing from the most popular computers and mobile devices.

The installation of mobile printers with thermal technology in the ambulances speeds up the process of precise patient data recording, allowing an efficient, accurate and streamlined workflow to be maintained.

#### **Background/the challenge**

In the past, EMS used stationary printers. Ambulances lacked equipment that was resistant to temperature changes, operated with lower electrical power consumption (previously used device required high electrical voltage volume), and that would allow the space required for medical equipment.

As the ambulances were not able to maintain the electrical voltage of the working printer, all other devices in the ambulances could turn off, resulting in faults occurring not only in the ambulance itself, but also in the operation of equipment used by staff – this meant frequent repairs, or that the printer's base plate simply burnt out.

#### **Solution**

Brother's portable print solutions are reliable and easy to use, which makes them suitable for public safety/emergency services, allowing the streamlining of work processes with ultimate reliability and trusted performance provided by the PJ-763 direct thermal mobile printer with built-in Bluetooth and USB connectivity.

The PJ-763 mobile printer met several needs: it worked adequately on the electrical power available in the ambulances, less space was occupied by equipment, and it allowed accurate as well as rational patient data recording and printing.

The product enables the user to print up to A4 with high-resolution thermal print technology at 300dpi, producing clear and crisp text, and is small enough to easily fit into a briefcase or shoulder bag. In addition, the printer's car mounting kit allows the user to permanently mount and power the printer inside vehicles.





“The PJ-763 printer helped us to streamline the workflow as it can be powered from a 12V car adapter via a cigarette socket and has Bluetooth connectivity. In addition, what everybody likes most is that there is no need for printer cartridges. The holder and the printer are very mobile so it is possible to hide the device in the vehicle or install it in the vehicle’s interior without interfering with the use of other devices. After providing assistance to a patient, the ambulance staff enter their data into the system, print it out and submit it to the hospital admission department.”

R. Teimurov - Senior IT specialist at the Public Emergency Medical Station, Vilnius.

## Benefits

The use of the Brother solution has optimised the workflow in ambulances. Paramedics and pre-admission staff can rely on an accurate and fast workflow. By printing medical documents on demand, they can reduce the risk of clerical errors, saving valuable time for the medical staff.

For Vilnius EMS, the recording of patient data has been streamlined: after entering the patient’s data into a system (using a tablet), it is printed out for submission to the hospital upon arrival.



Mobile A4 printer, Brother PJ-763

## CONTACT US

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