POC-Workstation

Access point and Gateway for digitization of analysis results

POC-Workstation from Zafena is a general access point or gateway for all MedTech. Everything from PulsOximeter, blood pressure monitor and thermometer to multi analysis instruments such as hematology, clinical chemistry and urine analysis.

For connected meters, the POC-Workstation provides additional functions such as receipt printer, clear touch display, barcode reader, step-by-step instructions and communication via Ethernet, Wifi or mobile network (local subscription costs will be added).

For the receiving systems, POC-Workstation delivers extended functionality through local printouts via the receipt printer and protocol ipp, the ability to present lab orders, and patient ID or LID. POC-Workstation simplifies the possibility of connecting more meters or new models to the receiving systems by strictly following standardized communication. A connection point for all measuring equipment, a method for digitizing analysis results, and a single link for all types of meters to receiving systems. This saves a lot of administration and skills, and avoids expensive instruments specific systems for intermediate storage of data. POC-Workstation from Zafena does not use intermediate storage outside the customer's own control.

"For us, it is obvious that analysis data should travel the shortest way between the measurement point and the patient's medical record and that the care itself should have control over patient data and data flow.", says Xerxes Rånby, co-founder and Vice President of Zafena.

POC-Workstation from Zafena acts as a general access point or gateway for all MedTech that provides their analysis results in digital form by:

RS232	USB	Bluetooth
Ethernet	Wifi	

ZAFENA

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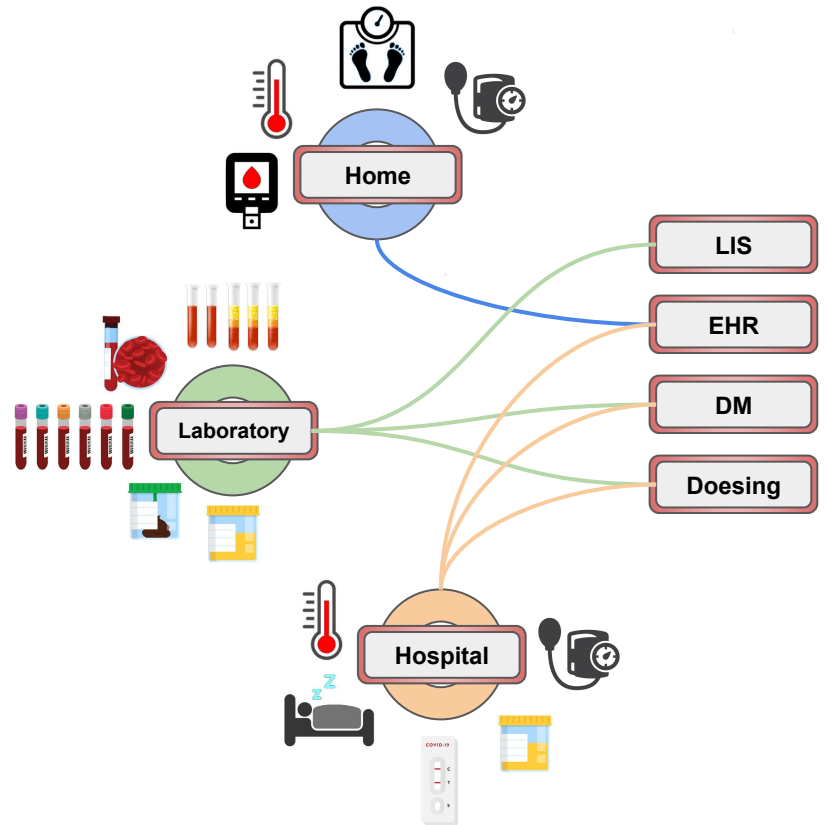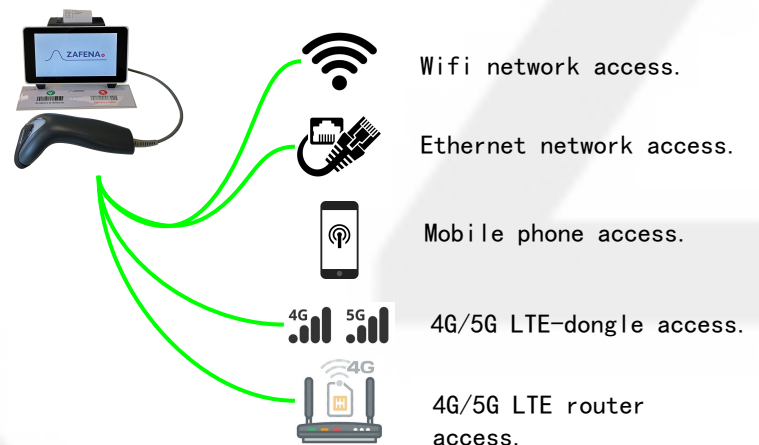59031 Borensberg

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POC-Workstation

POC-Workstation from Zafena follows established standards for communication in healthcare, such as Continua from the 'Personal Connected Health Alliance' and Poct1A. These standards describe the function as a general access point for MedTech or a general Health gateway for MedTech.

What sets Zafena apart from the rest?

❑ Zafena integrates and connects all MedTech, regardless of manufacturer. As long as the medical device delivers results in digital form.

❑ Zafena does not offer another parallel system, but POC-Workstation sends analysis data directly from the measurement site to the customer's receiving system. Sensitive data does not pass through any external third-party server.

❑ Zafena delivers workflow optimization between existing equipment and existing receiving systems.

❑ Zafena builds dedicated hardware and software, with optimized communication between medtech and POC-Workstation.

❑ Optimized user environment, so that the operator can handle advanced configuration and troubleshooting, without including technicians with special expertise.

❑ Contact your local distributor or check out the web site for more information.
[www.zafena.se]

The workstation can communicate to several different receiving systems, via several protocols simultaneously, to optimize the flow of information.

ASTM	Poct1A	HL7
FHIR	xml	MQTT

Wifi network access.

Ethernet network access.

Mobile phone access.

4G/5G LTE-dongle access.

4G/5G LTE router access.

Specifications

POC-Workstation		
	Product code	ZAF-552
	Communication	Ethernet, Wifi, Bluetooth, USB, RS232
	Ethernet	RJ45, Gigabit
	Wifi	IEEE802.11abgnac
	Bluetooth	4.0
	USB	3.0
	Printer	Thermal printer, 1 roll of paper included.
	Memory	16Gb Micro SD
	Operating environment	8°C - 45°C, 10% - 90% Relative humidity
	Storage	-20°C - +60°C
	Dimensions	12 (L) x 20 (W) x 13 (H) cm
	Weight	790 g
	Power supply	12V, 3.33A
	Bar code reader	Datalogic Touch65
	Network cable	TP CAT5E, 1.5m

Communication receiving system		
	Protocol	ASTM
		Poct1A
		HL7
		FHIR
		xml
		MQTT

Communication connect Medtech		
	Connection	RS232
		USB
		Bluetooth
		Network via cable
		Network via wireless

Packaging		
	Dimensions	21 (L) x 21 (W) x 15 (H) cm
	Weight	1780 g

Accessories		
	ZAF-504	Bar code reader 1D
	ZAF-504-2	Bar code reader 2D
	ZAF-130-13	Printing paper (5 pack)
	ZAF-130-12	Power adapter 12V/3.33A
	ZAF-505-2	Micro SD kort, with the latest software version
	ZAF-509	Network cable 1.5m TP CAT5E