



Commercial Proposal

General Information:

Customer: BIA

Company: MRG Export

Country: Serbia

Contact details:

marko.savic@mrg.rs

NeoSoft representative: Yury Belevskiy

Contact details:

yury.belevskiy@neosoft.ch

Disclaimer: this commercial offer is strictly confidential and cannot be shared with third parties.

Customer Requirements

Num	Requirement description	Remarks
1	Backpack IMSI Catcher solution – 4 channels (2 modules), all technologies	

Country Information

Destination country: Serbia

Available bands:

	GSM	UMTS	LTE
 mts Telekom	900 Mhz	2100 Mhz	FDD: 3, 20
 A1	900, 1800 Mhz	2100 Mhz	FDD: 1, 3, 20
 Telenor	900, 1800 Mhz	900, 2100 Mhz	FDD: 3, 20

Note: the proposed system configuration is based on the available bands in the country. If information in the above table is incorrect, please, inform your NeoSoft representative.

Solution Description

NS Backpack© is a professional backpack adaptation for IMSI/IMEI Catcher and active MiTM monitoring solution. It can be configured with 2 or 4 SDR transmissions each supporting 2G/3G/4G/5G-NSA and features silent cooling mechanism, built-in directional antennas, hot swappable battery and more.

The key features of NS Backpack©:

- Collecting identities of handsets such as IMSI, IMEI in 2G/3G/4G/5G-NSA networks
- Extensive set of target manipulation tools: downgrade targets from LTE / UMTS to GSM, block target in real network, make calls and send SMS to target handset and many more
- Directional finding of the target handsets
- Remote network scanning using portable cellular network analyzer, SMobile©
- Optional: mobile number (MSISDN) detection system without connection to external provider (such as SS7)
- Integration with in-house OSINT tool, GMGates©, for extracting information about mobile number from web



Solution configuration

There are 2 available solution configurations that fit customer requirements: both are described in detail below.

Configuration: Option 1

Description: NS Backpack© with 4 x transmissions.

Name	Quantity	Description
NS-Backpack-4, portable backpack adaption for IMSI/IMEI Catcher featuring 4 x GSM/UMTS/LTE/5G-NSA SDR transmissions	1	Key features: - 4 x GSM / UMTS / LTE / 5G-NSA SDR transmissions, monitoring-ready - professional backpack adaptation with built-in cooling mechanism, external USB port - hot-swappable battery for 3 hours of standalone operation incl. charging station (standalone operation time can be extended by customer request) - built-in directional antennas
SMobile, Portable cellular network scanner	1	Portable, smartphone-based cellular network scanner for GSM/UMTS/LTE/5G-NSA networks. Scan results can be transferred to NS Backpack over-the-air or via USB cable.
NS-17-1-DF, Directional finder	1	Directional finding unit is necessary for precisely locating handset of the target. The set includes: - directional finding unit featuring Bluetooth connectivity - directional, waist-worn antenna for covert scenarios - smartphone with pre-installed software for controlling directional finding unit via Bluetooth

Configuration: Option 2

Описание: 2 x NS Backpack© with 2 x transmissions.

Name	Quantity	Description
NS-Backpack-2, portable backpack adaption for IMSI/IMEI Catcher featuring 2 x GSM/UMTS/LTE/5G-NSA SDR transmissions	2	Key features: - 2 x GSM / UMTS / LTE / 5G-NSA SDR transmissions, monitoring-ready - professional backpack adaptation with built-in cooling mechanism, external USB port - hot-swappable battery for 4 hours of standalone operation incl. charging station (standalone operation time can be extended by customer request) - built-in directional antennas
SMobile, Portable cellular network scanner	2	Portable, smartphone-based cellular network scanner for GSM/UMTS/LTE/5G-NSA networks. Scan results can be transferred to NS Backpack over-the-air or via USB cable.
NS-17-1-DF, Directional finder	2	Directional finding unit is necessary for precisely locating handset of the target. The set includes: - directional finding unit featuring Bluetooth connectivity - directional, waist-worn antenna for covert scenarios - smartphone with pre-installed software for controlling directional finding unit via Bluetooth

Advantages of Option 1:

1. **4 x transmissions inside a single backpack:** customer can cover more providers/technologies at once.
2. **Slightly cheaper**

Advantages of Option 2:

1. **2 independent devices:** customer can operate in 2 different locations simultaneously. Every backpack is totally independent from each other: it features own control PC, mobile network scanner and control tablet. For missions, where 4 transmissions are required, backpacks can be connected via Wi-Fi or LAN cable.
 2. **Easier handling:** NS Backpack with 2 transmissions is ~3kg lighter compared to NS Backpack with 4 transmissions – it ensures more comfortable wearing over long time periods. The output power of NS Backpack transmission is also higher: +37dBm over +32 dBm offering a larger range. The battery life of NS Backpack with 2 transmissions is slightly better: approx. 1 hour more than NS Backpack with 4 transmissions.
-

Optional: mobile number (MSISDN) detection system

Description: It is an optional system that supplements IMSI Catcher functionality and allows to detect mobile number (MSISDN) of the target subscriber without connection to external services (such as SS7). Mobile number detection system can be paired with our in-house OSINT tool, GM Gates, that collects intelligence (names, photos, important dates, emails and other) about given mobile number from the internet and presents it in a unified format.

A5.1 deciphering unit	1	A5.1 deciphering unit is necessary for cracking A5.1-encrypted communication sessions. Can be installed remotely in customer HQ and used via VPN. One of the building blocks for active MiTM monitoring system.
Clone unit	minimum: 2, recommended: 4	Clone unit is necessary for establishing bidirectional communication with network provider on behalf of the target subscriber. Operation doesn't require SIM card. Can be installed remotely in customer HQ and used via VPN. One of the building blocks for active MiTM monitoring system.
GM Gates	100 requests included for free, each next request: 7\$.	GM Gates is an OSINT solution that collects intelligence about a particular mobile number, email, or nickname. As a result, the target's profile is built – including names, photos, used messengers and online platforms, important dates, addresses, phone

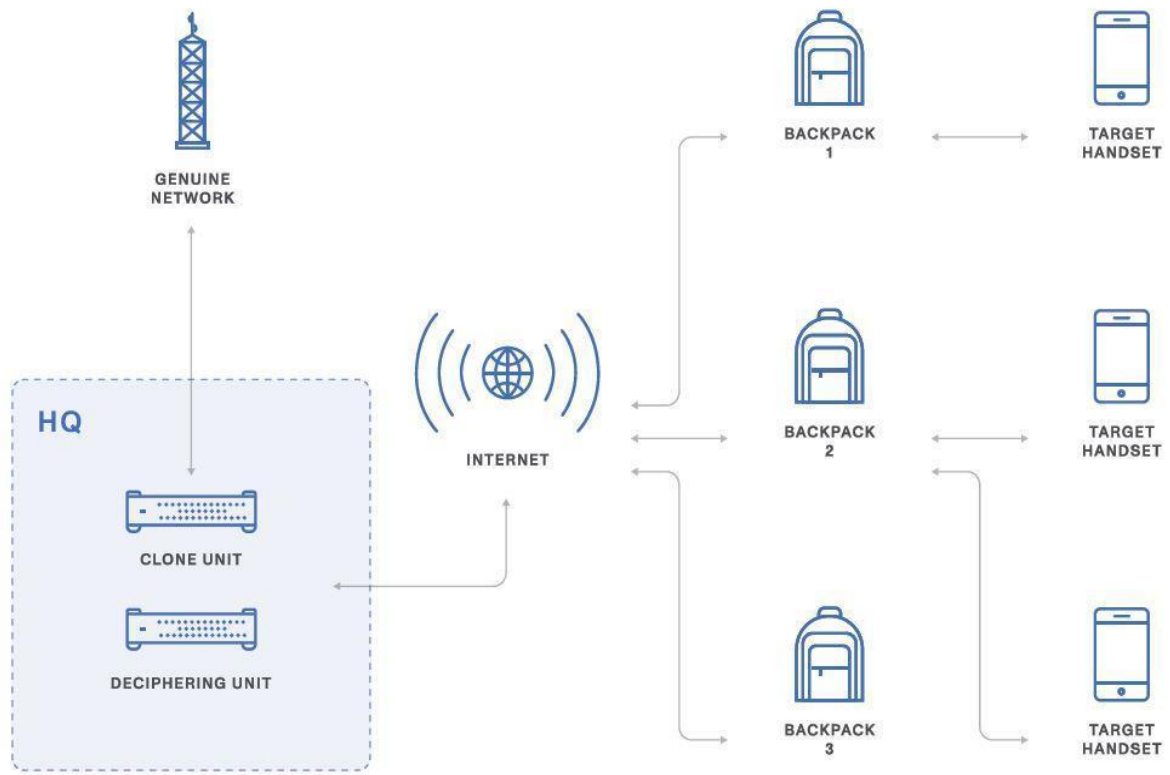


Diagram – Example of remote installation for deciphering unit and clone unit

Pricing – Option 1

Name	Quantity	Price
NS-Backpack-4	1	145'000\$
Directional finding unit, NS-17-DF-1	1	7'000\$
Portable cellular network scanner, SMobile	1	Included
Tablet with pre-installed control software	1	Included
Antennas, wiring	1	Included

Total cost: 152'000\$**Pricing – Option 2**

Name	Quantity	Price
NS-Backpack-2	2	$75'000\$ * 2 = 150'000\$$
Directional finding unit, NS-17-DF-1	2	$2 * 7'000\$ = 14'000\$$
Portable cellular network scanner, SMobile	2	Included
Tablet with pre-installed control software	2	Included
Antennas, wiring	2	Included

Total cost: 164'000\$**Pricing – Mobile number detection system**

Name	Quantity	Price
A5.1 Deciphering unit	1	50'000\$
Clone unit	2	$2 * 11'000\$ = 22'000\$$

Total cost: 72'000\$



NeoSoft

Uetlibergstrasse 132 8045 Zurich, Switzerland

Mail: info@neosoft.ch

Phone: +41 44 520 08 04 Fax: +41 44 520 08 43

Office Hours: 9 a.m. – 6 p.m. (GMT +1)