



Call Interception Alert

Can XStealth detect interception
on the other end of the call?



x-cellular.com



- “Can XStealth Phone detect when the other side of your call is being intercepted?”
- “Can XStealth Phone detect call interception—even when your phone isn’t the target?”
- “What if the other phone is being intercepted? Can XStealth Phone detect it?”
- “Can XStealth Phone tell if your call is being intercepted through the other phone?”
- “If their phone is intercepted, will XStealth Phone know?”
- “Can XStealth Phone detect an intercepted call without being the target?”
- “Is your call being intercepted—even if your phone isn’t?”
- “Can XStealth Phone detect interception on the other end of the call?”

These are the most common questions we get from users and interested people about a hot subject: Call Interception Detection when the other end of the call is tapped.

The short answer is YES, XStealth ULTRA/PRO can detect when the partner's phone is intercepted, triggering a Call Interception Alert.

Extended answer below.

There are 3 different scenarios:



1. IMSI Catcher scenario.

If the partner's cell phone (regular cell phone) is intercepted via an [IMSI Catcher](#), the Call Interception Alert on your XStealth ULTRA/PRO will be triggered. This is because an IMSI Catcher needs to route the call via VOIP, which is by far detectable by our system.

This is how detection works:

- **Signal Capture:** The IMSI catcher terminates the radio link directly with the handset, capturing unencrypted or descrambled audio frames.
- **IP/VoIP Translation:** The IMSI catcher converts the circuit-switched voice data streams into packet-switched VoIP (using SIP or custom protocols) inside the unit's internal processing board.
- **Network Forwarding:** The system bridges the audio packets toward a designated gateway or home network destination.

Because of these changes to the regular voice call route and especially packet changes (that require different packet encoding), a voice call that arrives on your XStealth ULTRA/PRO is flagged as intercepted, and the alert is triggered.

So yes, in this case, the Call Interception Alert is triggered, and your XStealth Phone will warn you about the other end of the call that is intercepted.



2. SS7 Scenario.

If the partner cell phone (regular cell phone) is intercepted via [SS7](#) (aka [Lawful Interception](#) or network-switch interception), the Call Interception Alert is also triggered. In this particular case, the packet delay is the main trigger. Please remember that after inserting a new SIM card into the phone, you must run the Calibration procedure. This is not just an auto-learning network process; it also measures the standard network redundancy (regular packet transfer rate/speed), which is flagged as "normal" after measurements, with the values used as the main reference for further analysis and alerts.

This is how detection works:

Once the standard network redundancy is set up via Calibration, any packet delays (in ms) are flagged as a threat, triggering the Call Interception Alert.

When the voice call is diverted via SS7, the packets are not modified as an IMSI Catcher does; instead, they are delayed due to a longer route. Hence, this delay is detectable, thereby triggering the Call Interception Alert.

Worldwide, about 96% of call interceptions are done via IMSI Catchers and SS7/LI.



3. Spyware scenario.

This is more about voice call recording and not call interception.

If government-grade spyware such as [Pegasus](#), or even commercial-grade spyware such as [FlexySpy](#), is installed on the partner's phone (a regular cell phone), no Call Interception Alert will be triggered. This is similar to recording a voice call using an app installed on the partner's phone: the recording cannot be detected on the other end of the call.

How that spyware works: all of them, whether government-grade or commercial-grade, record the voice call on the phone where the app is installed, then send the recorded audio to a server where it can be listened to and used for further action.

In this special case, the Voice Call Interception Alert is not triggered because there is no way to detect if spyware is installed on the partner phone via a simple phone call. This is not a bug but a technological limitation.

XStealth ULTRA/PRO can detect and block any spyware installation attempt on the device, but cannot detect any kind of spyware installed on other cell phones.

Please note: when roaming (using your SIM card in another country), depending on the local network settings and capabilities, false positives (false alerts) may be triggered.



Unencrypted!
Unsecure call to:



CALL NOW ?

The cellular network you are using is
secured.
This call can be intercepted



x-cellular.com