# SIGN4L

## ActiveCell-V

# VEHICLE MOUNT CELLULAR INTERCEPTION SYSTEM

SIGN4L has developed a fully modular and adaptable system capable of multi-level mobile cellular signal manipulation. Targets can be detected, monitored, located and intercepted depending on user requirements. Operation is intuitive and simple with the graphical interface, requiring minimal resources for successful mission planning and execution.

# SPECIFICATIONS —

**Product:**

SIGN4L has developed a full SDR (software defined radio) modular high-power cellular interception system. This system allows detection, monitoring and location capabilities over 2G (GSM), 3G (UMTS) and 4G (LTE) network technologies. Note: interception at 2G and native 3G is in development and expected in FY2021.

**Use Case:**

- Locate targets.
- Intercept voice call and data connectivity.

**Features:**

- Mobile operation.  Installed in a covert vehicle, the system is discrete and fully self-contained, with the option of external power source for "on the pause" operation.
- Easy to use.  Preprogrammed missions are possible with the easy to operate system, in urban or rural environments.
- Monitoring of complete network or specific targets, predefined or manually entered by operator.
- Up to 16 high power Base Stations for simultaneous transmission across all available networks.

| Feature | Specification |
|---|---|
| **Operating Bands** (Configuration upon Purchase) | GSM: PCS 1900, DCS 1800, GSM 850, E-GSM 900 |
| | UMTS: IMT 2100, DCS 1800, CLR 850, E-GSM 900 |
| | LTE: DCS 1800, IMT-E 2600, E-GSM 900, DD 800 |
| **Number of BTS** | Up to 8 BTS x 40W with simultaneous operation per subsystem.  Up to 2 subsystems per installation (i.e. 16 BTSs) |
| **Antennas** | 2TX directional and 1RX omni-directional antennas + accessories antennas |
| **Capabilities** | Identification, location, blocking all phones, DOS, downgrade to lower technology. |
| | Intercept voice calls and data connectivities |
| **Functionality** | Software defined radio – smooth transition between frequencies as well as technologies. |
| **Scanning** | High end scanner supporting 2G/3G/4G |
| **Display** | Tablet or laptop |
| **Data** | Query, filter, import/export database |
| **Environmental** | MIL-STD 810G |