



Filename: Carrier\_AN-IN2021-05-05\_Sierra\_Wireless\_Sim\_APN.docx

Date: 11 May 2021  
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|                   |  |                     |                            |
|-------------------|--|---------------------|----------------------------|
| <b>Originator</b> | <b>Center of Excellence</b>                  | <b>Distribution</b> | <b>External</b>            |
| <b>Product</b>    | ZeroWire, xGen, xGenConnect, NX-596, AT5x500 | <b>Component</b>    | <b>Sierra Wireless SIM</b> |
| <b>Hardware</b>   |  | <b>Software</b>     |                            |

## Sierra Wireless SIM roaming compatibility

Most roaming partner networks to which Sierra Wireless SIM cards connect do not require the sim to have an APN value, and these networks can set the correct APN value even if the APN is missing or misspelled.

However, to ensure full compatibility with all roaming networks, we recommend to set the APN value in the panel configuration. This will allow the roaming partner network to route back the communications to Sierra Wireless core network. Setting the correct APN value will allow the GSM to get a fully working cellular data connection to all cellular providers in your Country.

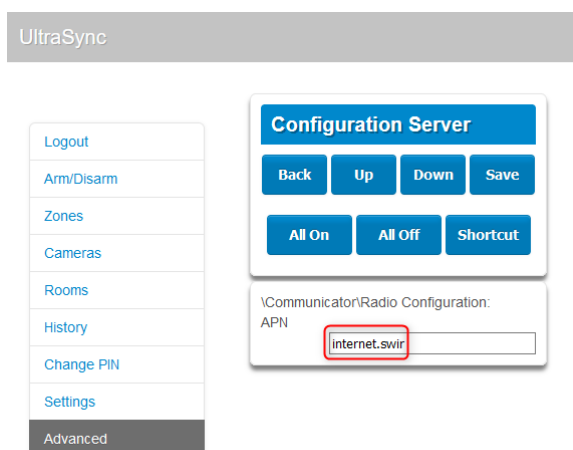
## APN: internet.swir

### How to setup APN in ZeroWire/xGen panels

Log in to panel with installer credentials, enter the APN configuration menu :

**Advanced -> Communicator -> Radio Configuration -> APN**

in the APN field enter: **internet.swir** and press save button



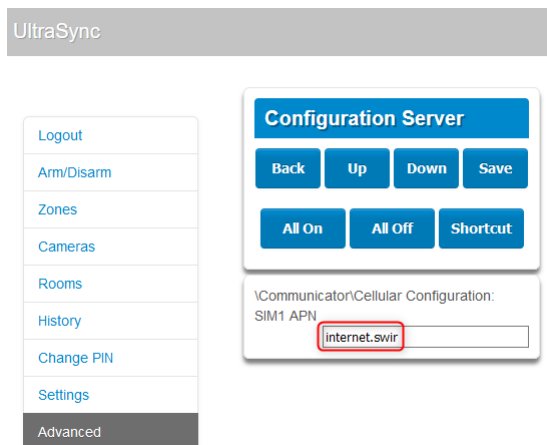


## How to setup APN in xGenConnect panels

Log in to panel with installer credentials, enter the APN configuration menu :

**Advanced -> Communicator -> Cellular Configuration -> SIM1 APN**

in the APN field enter: **internet.swir** and press save button

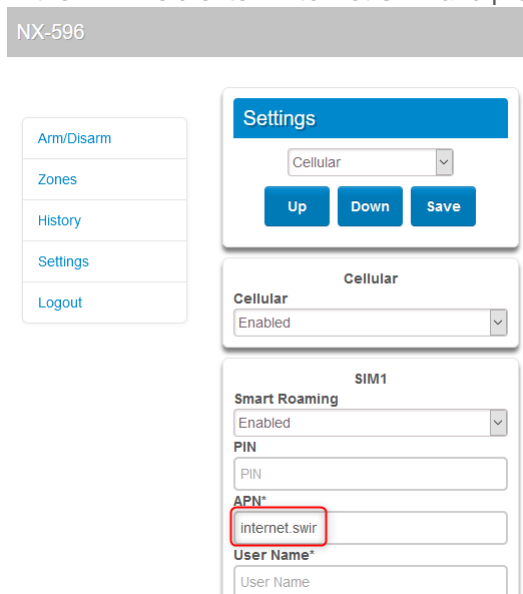


## How to setup APN in NX-596 communicator

Log in to NX-596 with installer credentials, enter the Cellular configuration menu :

**Settings -> Cellular -> APN**

in the APN field enter: **internet.swir** and press save button

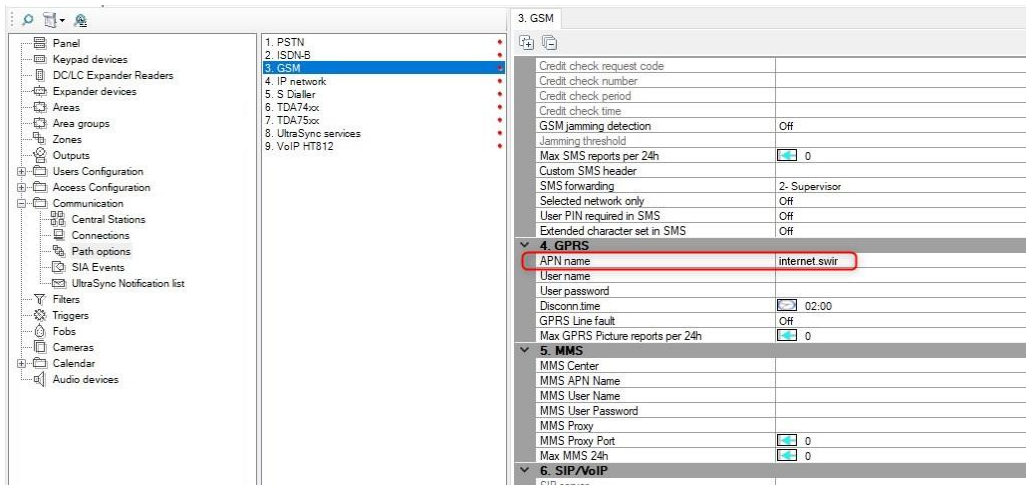




## How to setup APN in x500 panels

Connet to panel ATS855x software, enter the GPRS configuration menu :

Communicaton -> GSM -> GPRS -> APN name



Adding APN from the ATS113x keypad menu:

Communication -> Path options -> Select path -> GPRS Setup -> APN

### 9.3.n.7.1 APN

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1 APN
```

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>internet.swir<
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