



**PRODUCT APPLICATION NOTE**

Manufactured by RSI Video Technologies

May 2012

In an application where GPRS is unavailable, it is possible to connect the Videofied XTIP to a cellular or satellite router via Ethernet. This allows the control panel to use alternate communication technologies to connect to the monitoring center. Cellular and satellite routers essentially give the control panel access to the internet, similar to connecting the system to a cable or DSL modem.



Cellular routers are available from a variety of vendors. Check to with your local service providers for availability. A simple internet search will list a variety of options.

**VIDEOFIED PRODUCT REQUIRED:**

XTIP610

PP4 Power Kit (12v Power Supply + Alkaline battery Backup)

**ADDITIONAL PRODUCT REQUIRED:**

Ethernet Cable

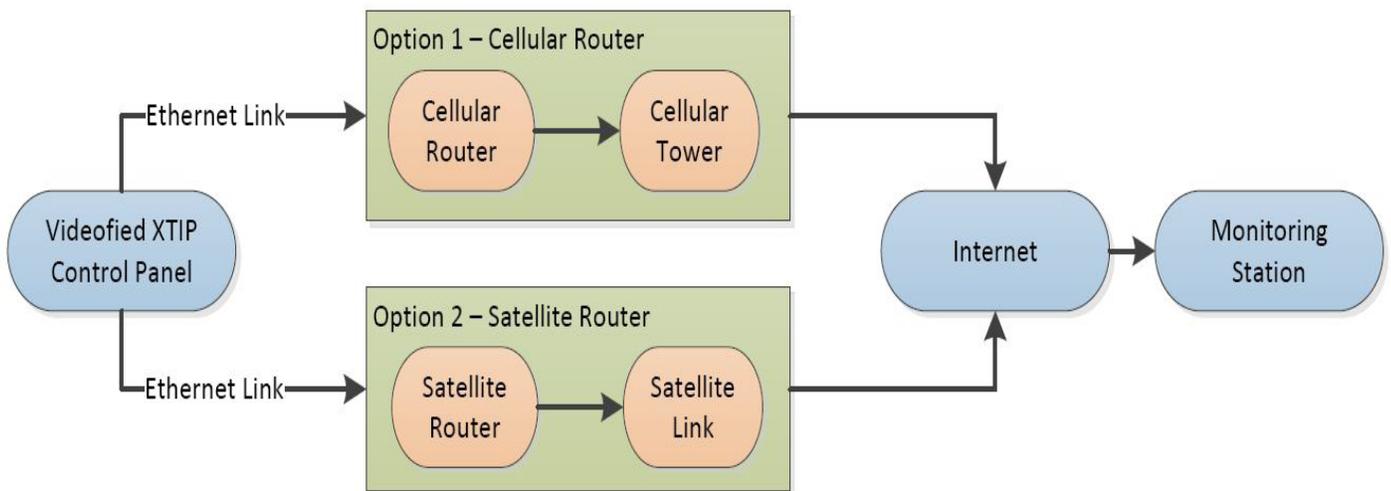
Cellular or Satellite Gateway Device + Power supply:

3rd party cellular or satellite broadband routers can be purchased online or directly from the service provider.

Battery backup for Gateway Device (Recommended):

The Videofied XTIP features integrated battery backup but cellular and satellite gateways do not. An additional battery backup is recommended for the router to protect the communication path in the event of a power failure. Loosing power on the cellular or satellite router means no communication route for the Videofied XTIP. Check the power requirements of the cellular or satellite gateway to select an appropriately sized battery backup.

**System Configuration Overview**



## CELLULAR AND SATELLITE GATEWAY EXAMPLES

WildBlue Satellite Gateway

[www.atcontact.com](http://www.atcontact.com)

(866) 324 - 5608

WildBlue service offers a simple Ethernet-Based solution that easily integrates with RSI's protocols. It can also be configured to operate at sites requiring alternative power sources through a NEMA enclosure and Solar Array Panels.

Digi Connection CDMA Gateway

[www.digi.com](http://www.digi.com)

The Digi Connect WAN IA and Digi Connect WAN 3G IA are industrial-grade 2.5 to 3G Wireless WAN GSM/GPRS/EDGE/HSUPA, CDMA/EV-DO/1xRTT routing gateway.

AirLink Raven X CDMA Gateway

[www.sierrawireless.com](http://www.sierrawireless.com)

The AirLink Raven X is ideal for M2M applications that require an Ethernet connection with two-way data exchange.

**EMEA SALES**

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