



**NetworkInnovations** Communicate. Anywhere.

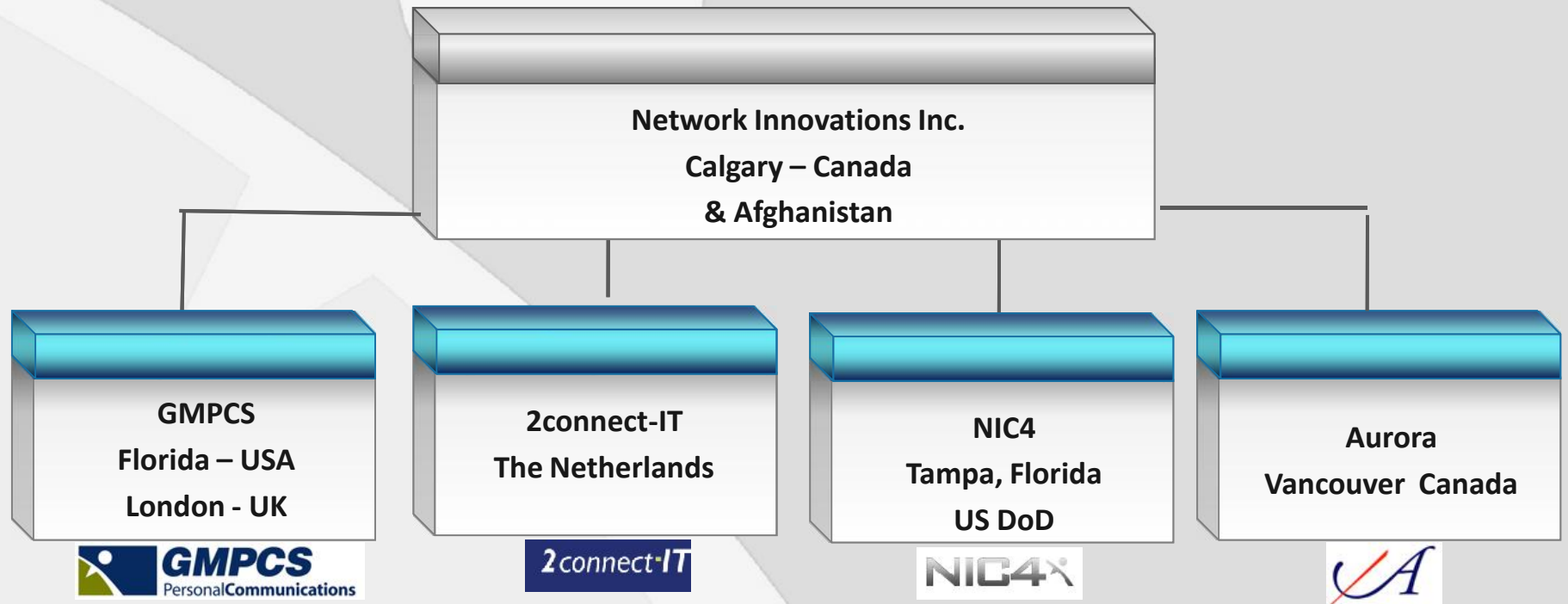
# One Man Uplink & Satellite DNG

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# The Network Innovations Group



# StreamLine™ Video via Satellite & IP Solutions

## Video



**HD-Encoder**  
HD to Broadband quality

OR



**LAPTOP-Encoder**  
SD to HD\* quality

OR



**MOBILE-Encoder**  
Broadband quality

## Internet



**Satellite**

OR



**Cellular / 4G-LTE**

OR



**Wired / Wi-Fi**

## Uplink



**Portable / Mobile**  
**BGAN HDR / X-Stream**  
Broadband

OR



**FlyAway / SatTruck**  
**VSAT KA-band "Uplink"**  
SD ~ HD

## Route



**Public Internet**  
with FEC

OR



**Private Line**  
via PoP/Server

## Playout



**VGA-media-player**

OR



**SD-receiver**

OR



**HD-receiver**

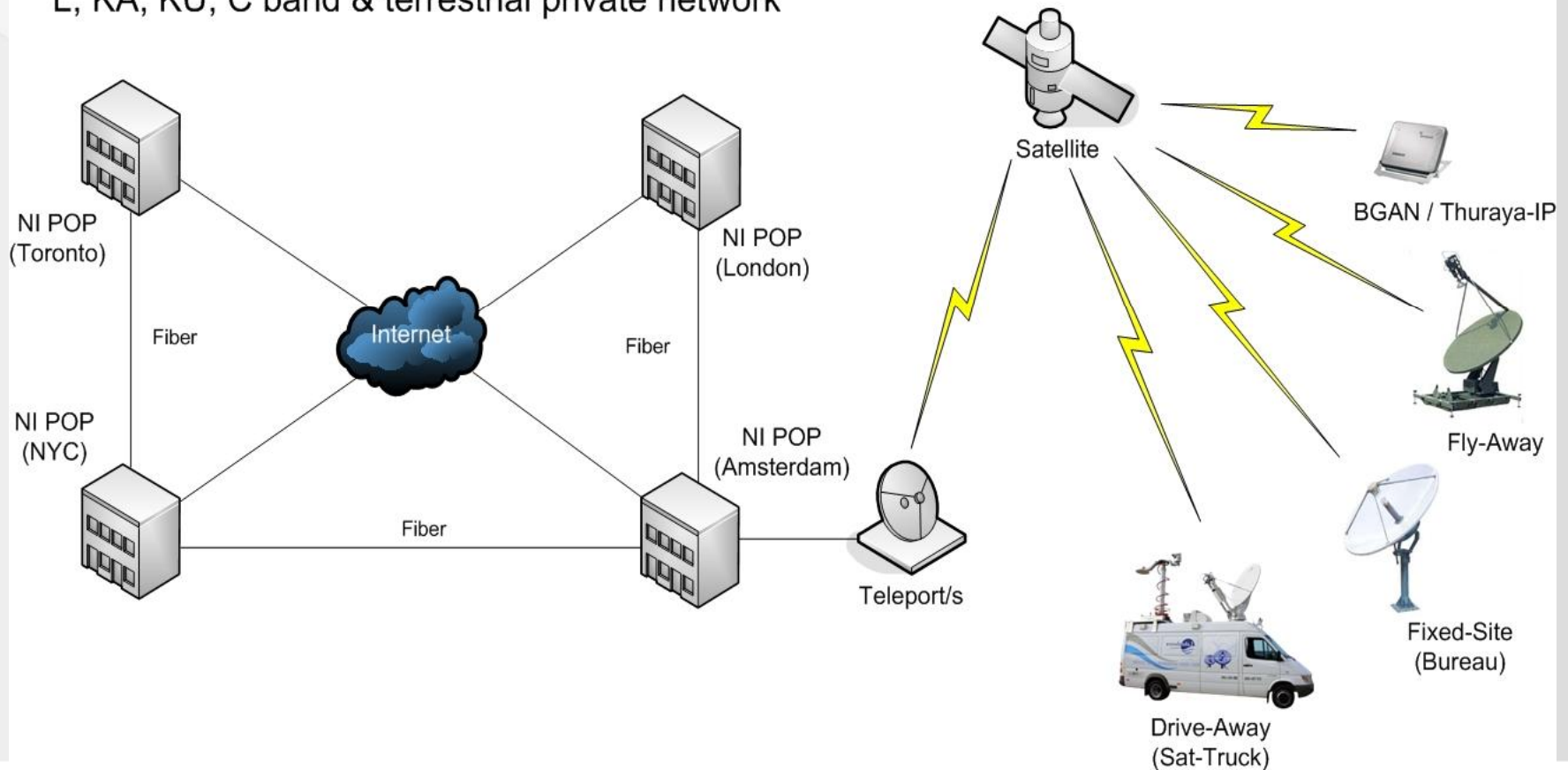
## Voice



**Mobile SatPhone**  
Phone ~ IFB

# Pipeline™ Airtime & Interconnect

GMPCS / Network Innovations  
“Pipeline” Satellite IP Solutions  
L, KA, KU, C band & terrestrial private network



# “Regional” KA-band Services (2013)

## Europe & Med -- “KA-SAT” via SkyLogic / Eutelsat

- “Tooway” residential best-effort service with **Contended-Shared** internet
- “NewsSpotter” professional Streaming service with **Dedicated** CIR internet
- Pro-Metal (NewsSpotter) or Home-Plastic (Tooway) ViaSat modems



## Regional EMEA -- “Avanti-SNG” via Hylas 1+2

- “WildBlue” residential service with **Contended-Shared** internet
- “SNG” professional service with **Dedicated** CIR internet
- iDirect X5 remote modem & iDirect Evolution hubs



## Middle-East & Africa -- “Yah-Click” via YahSat

- “Yah-Click” residential service with **Contended-Shared** internet
- “GO-Uplink” professional service with **Dedicated** CIR internet
- HNS-9260/Home & HNS-9460/Business Hughes modems



# KA-band - Pipeline™ Comparison

	<b>KA-SAT ViaSat</b> 2012	<b>Avanti</b> 2013	<b>YahSat</b> 2013	<b>Global Xpress</b> 2014
<b>Coverage Area</b>	Europe & Mediterranean	AFG, S.Africa, UK, Syria	Middle-East & Africa	Global
<b>Modem</b>	ViaSat	iDirect-X5	Hughes	iDirect-GX7
<b>Pro Service</b>	NewsSpotter - YES Tooway - NO	CIR or SCPC -- YES	GO-Uplink - YES Yah-Click - NO	YES QoS for Streaming
<b>Max Upstream</b> * Dish size contingent	<10Mbps	<10Mbps *	<3Mbps	5 ~ 11 Mbps

# KAnine™ “Fly-Away” KA-band Terminals

- *Manual-Point* IP “Flyaway” Terminal
- Tripod & Antenna, IP Modem & TRIA in SuitCase
- Packaged with WLAN, Laptop, Backpack/Portable Encoders
- 0.6 ~ 1.0 meter antenna in “Airline-Checkable” Case
- Low-end “Leave-Behind” transportable Fixed-Dish with TriPod



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

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