

100Mbps 1Gbps...Over 10Km

35GHz 60GHz 65GHz 73GHz



Wireless Backbone Network

faster than Optic Fiber

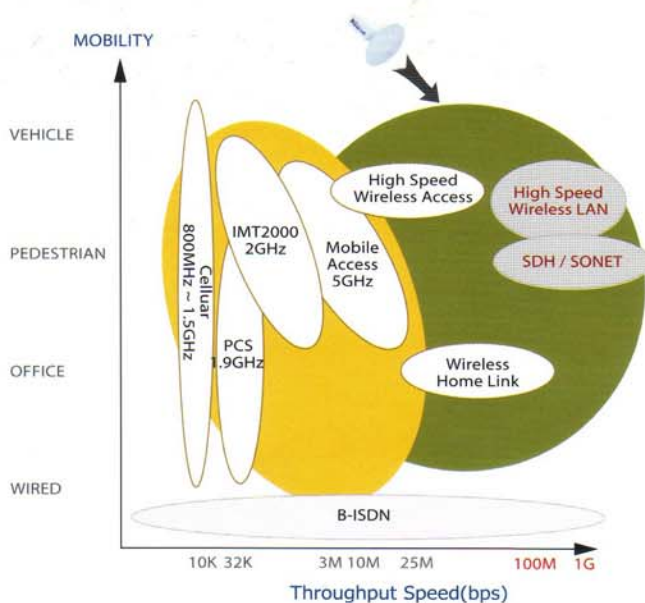
Wireless Backbone Bridge "FireLink" "FireTV" "FireNET"

Millimeter wave High-speed(1Gbps/100Mbps) Bridge
Broad Band Total service Integration
Last One Mile Communication

Special Feature

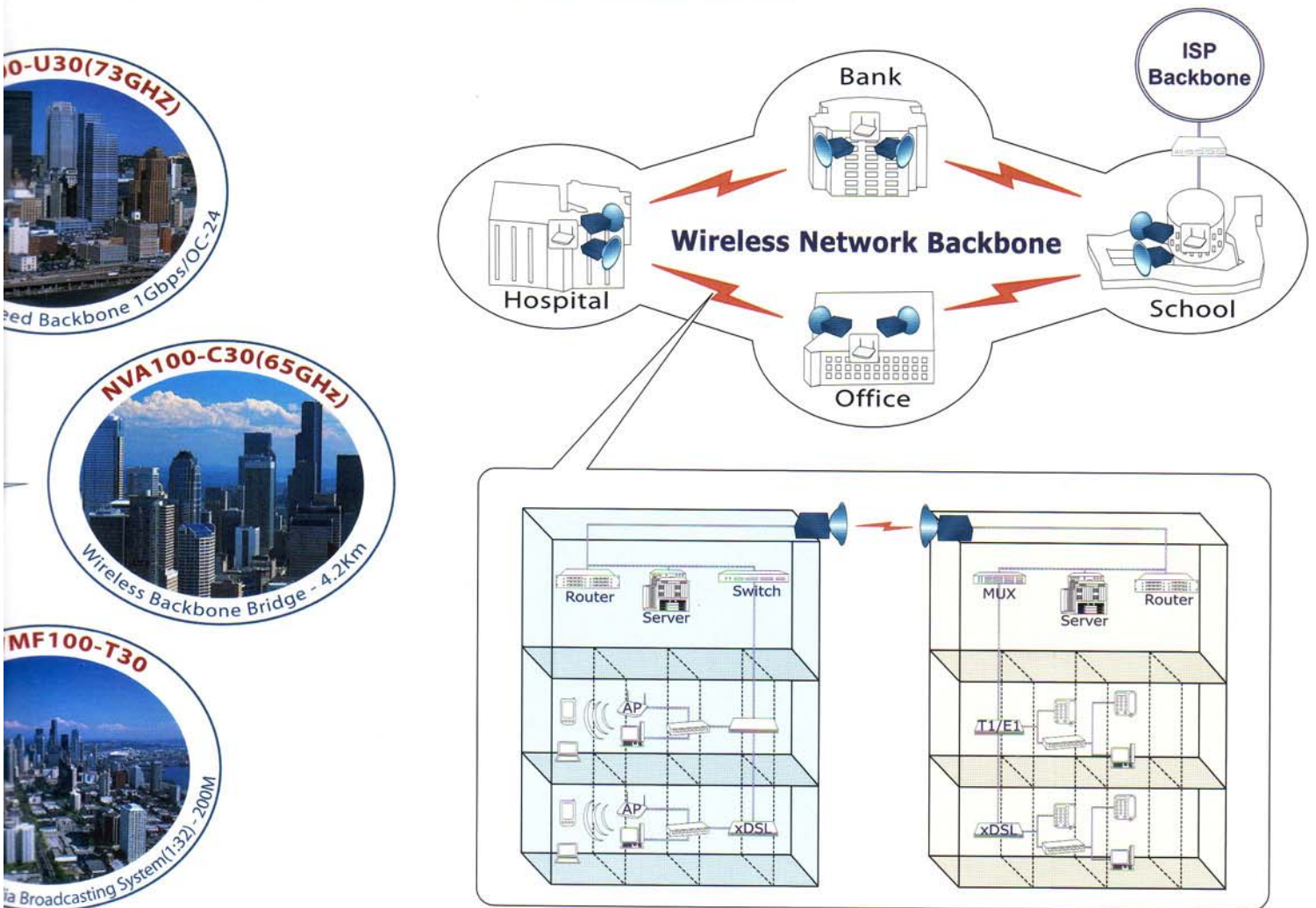
- Unlicensed Band(59 ~ 66GHz)
- 1Gbps / 100Mbps Full throughput
- Over 10Km communication distance
- Low cost / Small size
- Significantly reduced risk of radio interference
- Reduced health risk by millimeter wave
- Total Network Integration

Product Group

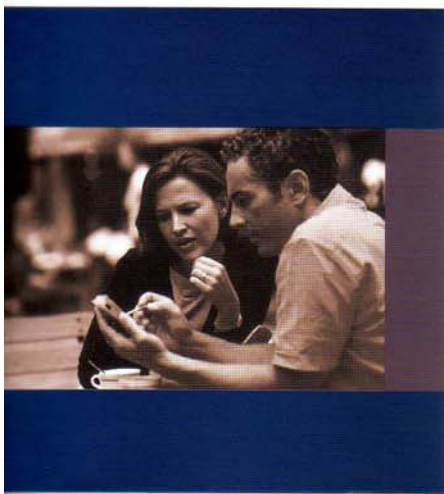




Wireless Backbone



Mobile Service



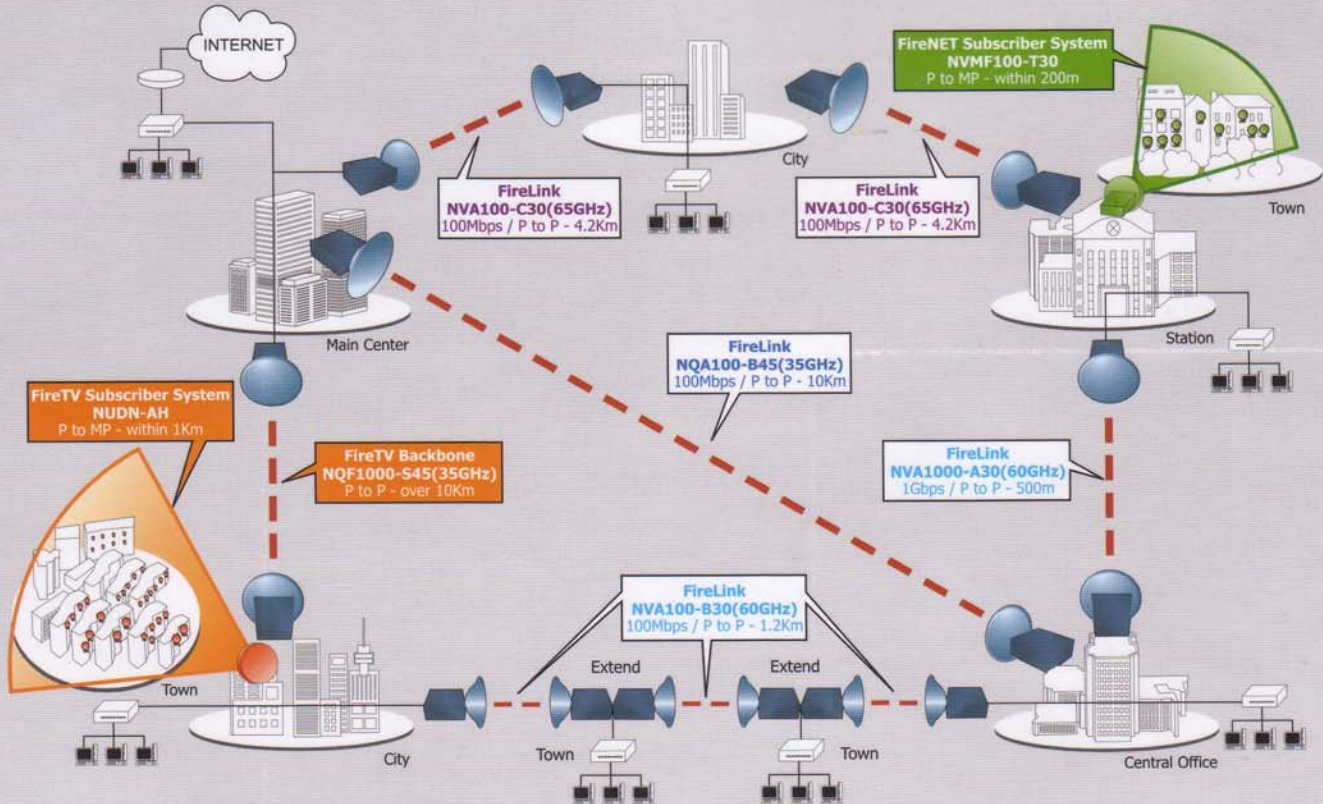
Internet & Contents Services

Internet, Game, Finance, VOD,
VoIP, WebTV, ..



Anytime / Anywhere / Anything

Application



Install Ex.



Taiwan Site



Japan Site

Specification

Specification		60GHz	
		NVA100-B30	NVA1000-A30
Throughput	(Mbps)	100	1000
Frequency Range	(GHz)	59.00 ~ 61.00	
Out Power	(dBm)	under 10	
Antenna Size (φ×D)	(cm)	30×15 / 60×31.7	
Modulation		ASK	
BER		under 1×10^{-10}	
Distance MAX (Clear) (M)	30cm ANT	1200	500
	45cm ANT		
	60cm ANT	1500	700
Main Power Supply	(V)	Free Voltage	
Size (W×D×H) - without ANT	(mm)	221 × 238 × 182	
Weight	(Kg)	4.0	
Operating Temperature	(°C)	-20 ~ 50	
Storage Temperature	(°C)	-30 ~ 80	
Humidity	(%)	90	

Certification

PATENTS

- US 6,380,817 B1
- US 6,414,551 B1
- US 6,476,694 B1
- US 6,603,956 B1

TELEC

- #01YMA3000030
- #01YMA3000083
- #01YMA3000084

