

LightSquared 





Mobile Data Demand is Booming...

- 87% of smartphone owners access the Internet or email on their handheld¹
- Facebook has more than 250 million wireless users and counting²
- Live streaming of video is up 600% year over year³

Sources: 1. Pew Research 2. Facebook 3. comScore

The perfect storm of booming demand, an onslaught of new data devices and a mobile apps revolution has left the United States wireless industry at a critical tipping point. Wireless data usage in the United States is expected to increase 40-fold in the next four years.

The industry's ability to manage this demand is hampered by the lack of available spectrum and limited competition. This, coupled with incumbent industry operators who have to maintain a wide range of legacy technologies, has brought the wireless industry to a breaking point.

However, there is one network that will help manage this demand without sacrificing the exciting benefits and rich new worlds that the mobile Internet offers.

This new network will capture the exponential power of an open wireless broadband experience, and deliver boundless opportunities for businesses, manufacturers and ultimately consumers.

That network is **LightSquared™**

A person with dark hair, seen from the back and side, is wearing a light blue long-sleeved shirt. They are using their hands to frame a view of a city skyline at sunset. The sun is low on the horizon, creating a warm, golden glow. The city buildings are silhouetted against the bright sky, and their reflection is visible in the water in the foreground. The overall mood is contemplative and hopeful.

The LightSquared Vision

As the first nationwide wholesale-only wireless broadband network, integrated with satellite coverage, LightSquared is an essential element in achieving this country's vision for ubiquitous connectivity.

Additionally, the LightSquared network fully supports the Federal Communications Commission's (FCC) National Broadband Plan that aims to connect at least 100 million households with affordable broadband access, of which wireless technology will play a vital role.

LightSquared will place the exponential power of wireless broadband in the hands and devices of a broad range of companies. This will allow those without access to their own wireless network, or who have limited geographic coverage or spectrum, to develop their own multi-featured devices, applications and services using LightSquared's open wireless broadband network.

With LightSquared, there will now be freedom of choice for next-generation wireless broadband technology, with greater speed, bandwidth and reliability.

The Time is Now, for a New Kind of Network with...

- The Right Spectrum
- The Right Technology
- The Right Deployment Plan
- The Right Business Model





101 55
Westergat Rd
101 55

Quality

Cost

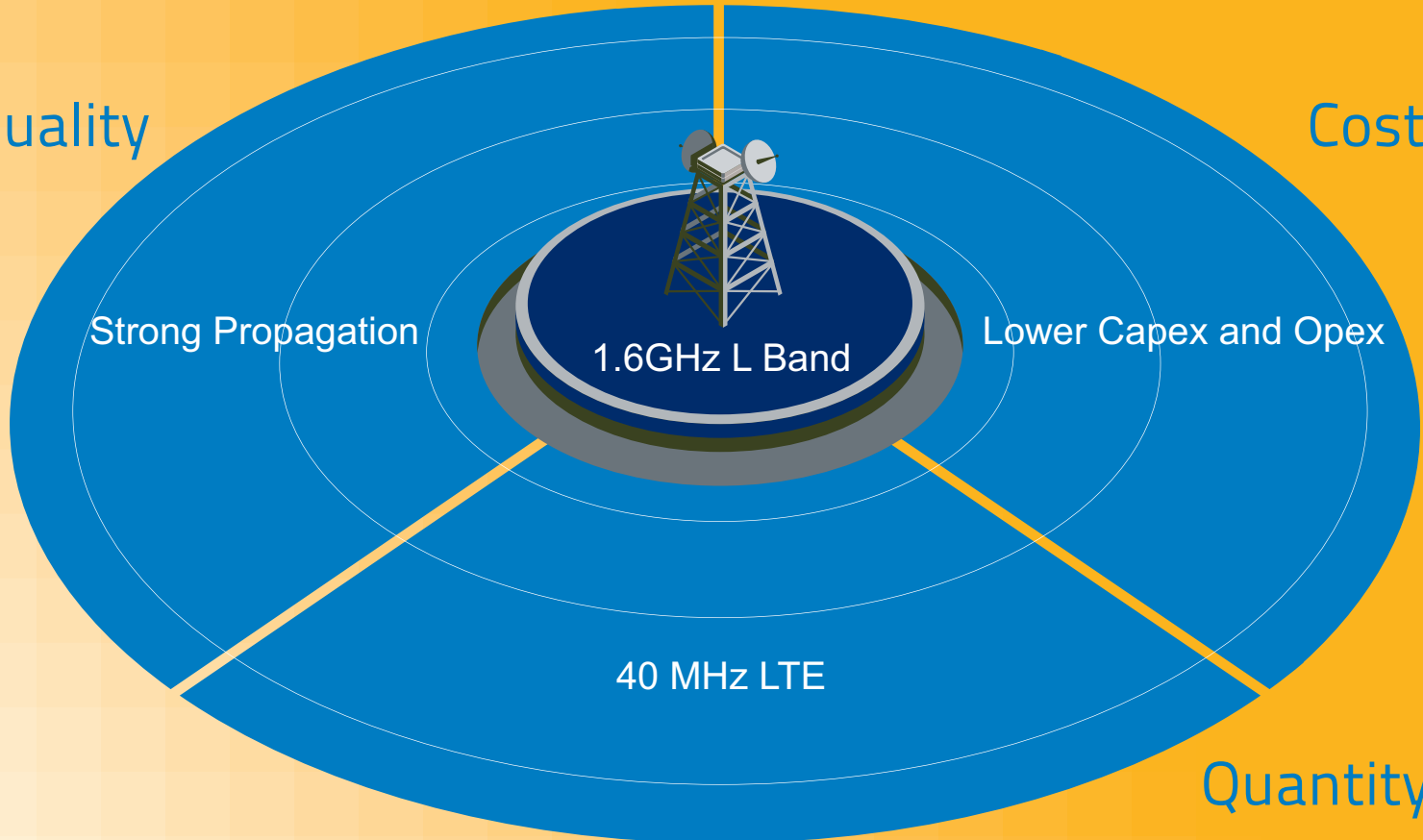
Strong Propagation

Lower Capex and Opex

1.6GHz L Band

40 MHz LTE

Quantity

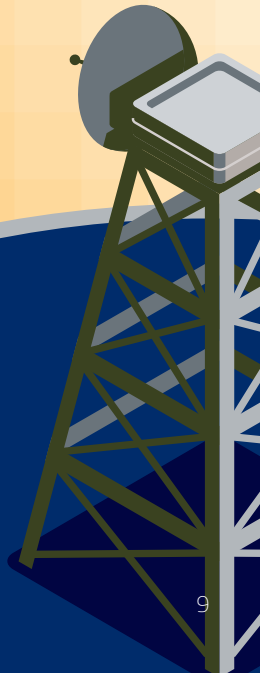


The Right Spectrum

With the demand for wireless data rapidly increasing, current spectrum constraints have become a major roadblock for the nation's wireless infrastructure. This is more than just a crisis about availability; the quantity and quality of the available spectrum is also critical.

Demand is having dire consequences on spectrum. Total expected national spectrum requirements are as much as 1,300 MHz by 2015 and 1,720 MHz by 2020¹. Today's leading wireless providers only have 547 MHz².

LightSquared owns valuable, high-quality spectrum assets, including 59 MHz of nationwide ubiquitous spectrum with 40 MHz of 1.6 GHz L-Band spectrum dedicated for LTE. This combination of the right spectrum quality and quantity results in a lower total cost of ownership.



The Right Technology - LTE

- Dominant worldwide 4G technology choice
- Superior user experience
- More robust device and application ecosystem



The Right Deployment Plan

LightSquared plans to launch its network in 2012, providing nationwide services through its satellite coverage and 3G roaming agreement as it extends its 4G footprint.

In the summer of 2011, LightSquared and Sprint Nextel entered into a 15-year agreement that includes spectrum hosting and network services, 4G wholesale and 3G roaming. Under the agreement, Sprint will deploy and operate a nationwide LTE network that hosts L-Band spectrum licensed to LightSquared. Through a 3G nationwide roaming agreement with Sprint,

LightSquared's wholesale customers will be able to offer combined 4G/3G data services as soon as LightSquared launches its first 4G markets in 2012.

The agreement, the first of its kind for the U.S. wireless industry, is expected to lower network capital and operating expenses for LightSquared by more than \$13 billion over the next eight years in comparison with the cost of a stand-alone network build. LightSquared also expects the deployment of its nationwide 4G-LTE network to be completed more than one year ahead of the FCC mandate to cover 260 million Americans by 2015.



The Right Model

LightSquared's wholesale economic model enables wireless carriers to build or expand their 4G networks with minimal capital outlay. It also opens the wireless industry to new entrants such as wireline providers, device manufacturers and retailers. Our open network allows new players to develop products, offer services and generate incremental revenue streams. By offering wireless connectivity, LightSquared's partners can expand their service offerings and their customer relationships.

Our lean cost structure combined with our network hosting and outsourcing partnerships allow us to offer significantly lower prices to our partners—prices that deliver owner-economics to those partners.

Our wholesale model also means that we will never compete with our customers for end-users. Our success is based solely on the success of our partners.



Expanded Device Ecosystem

Our chipset partners have added L-Band LTE and satellite protocol to their mainstream products, creating the world's first LTE multimode solutions. These products will enable a wide-range of devices such as smart phones, tablets, wireless modems, embedded wireless modules, mobile hotspots and home routers to operate on the LightSquared network.



How Will Partners Benefit From LightSquared?

LightSquared partners benefit from low cost access to an open wireless broadband network that enables them to create innovative new products, services and applications.

- **Wireline providers and cable operators...** can complement their product portfolio and create new revenue streams from existing customers
- **Wireless providers...** can offer a nationwide 4G network without having to expand their own networks
- **National retailers...** can become a one-stop shop for customer connectivity
- **PC manufacturers...** can build ongoing customer relationships through recurring revenue streams
- **Consumer electronics manufacturers...** can launch innovative products and capture new connectivity revenue
- **Web players...** can enhance customer relationships with new wireless services
- **Satellite partners...** can deliver next generation voice and data services

The Time is Now

LightSquared will not only ensure nationwide wireless broadband connectivity with integrated satellite coverage, it will also offer an unprecedented platform for innovation and creativity, and a unique opportunity for retailers, wireline and wireless providers, cable operators, device and component manufacturers, application developers and others.



The LightSquared name captures the exponential power that an open wireless broadband network will bring to the U.S. and the world.

www.LightSquared.com