

**The
Spanish Fork
Community Network**

Spanish Fork City Broadband At the turn of the century.....

- National average was 15% of homes had HSI
- Spanish Fork had about 0%
- We were lagging behind the rest of the World, the Country and even the State
- We risked becoming a second class City.

Remember when.....

- There were NO high speed internet choices in Spanish Fork?
- Residents and businesses were threatening to MOVE because they couldn't get services?
- Ad Hoc citizen meetings were filled with people screaming for HELP!
- The incumbent provider ignored everything south of Provo?

Remember when.....

WE HAD TO DO SOMETHING!!!

SFCN

A Resounding Success

- More broadband choices in Spanish Fork than any other City in Utah
 - Two full-service cable companies
 - Cable, Digital cable, Cable modems
 - DSL HSI Service
 - Wireless Internet
 - Fiber-to-the-Premise

SFCN

A Resounding Success

- Amazing Penetration Levels
 - National average is now 26% of homes have high speed internet
 - Over **40%** of the homes in Spanish Fork have HSI
 - Virtually 100% have access to HSI
 - 0% to 100% in 3.5 years!

SFCN

A Resounding Success

- Competition helps the Consumer
 - Forces lower prices
 - Will save residents in Spanish Fork over 1.2 million next year
 - Creates Choices
 - Competitors haven't folded up their tents and moved out, they have made themselves better
 - Competition has made **us** better
 - Improves Services

SPANISH FORK CITY

A Leader in the State....

A Leader in the Country....

SPANISH FORK CITY

A Leader in the World....

- Top 18 Intelligent Communities in the WORLD!
- Calgary, Alberta, Canada - Dubai, United Arab Emirates - Dublin, Ireland - Greater Cleveland and NE Ohio, USA - Issy-les-Moulineaux, France - London, England, U.K. - Long Island (Nassau & Suffolk Counties), NY, USA - Mitaka, Japan - Philadelphia, Pennsylvania, USA - Pirai, Brazil - Province of Ontario, Canada - Singapore - Spanish Fork, Utah, USA - Spokane, Washington, USA - Sunderland, U.K. - Taipei - Tianjin, China - Toronto, Canada

introducing the

The New Improved

**Spanish Fork
Community Network**

Improved High Speed Internet

- **INCREASED SPEED**
 - Four new routers installed and ready
 - We currently have three routers online
 - Upgrade will more than double capacity to seven
 - Will solve any congestion problems
 - Upgrade internet speeds to 5 mbps download
 - Need new IP addresses!

Improved High Speed Internet

- **INCREASED RELIABILITY**
- Nebo School District contract provides new IP addresses
 - Pay same amount that ARIN charges for addresses
 - Nebo MUCH easier to work with than ARIN
 - Addresses are leased to us
 - IPv6 should be viable by the end of the lease

Improved High Speed Internet

- **INCREASED RELIABILITY**
- **ALL STATIC IP ADDRESS IN TOWN MUST CHANGE**
 - One weeks notice **ONLY!**
 - We will send email and/or attempt to call everyone with new static address
 - Both old and new numbers will work simultaneously during change

Improved High Speed Internet

- Our cable modem competition does not offer static IP addresses for ANY price
- We offer them for free!
- Our new addresses will not be tied to our provider
 - Easier to shop internet providers
 - Able to multi-home with two or more providers
- No more network address translation!

Improved High Speed Internet

- **INCREASED RELIABILITY**
 - Redundant fiber path to Provo should be completed soon
 - Replacing current ISP (XO Communications)
 - Adding a backup provider

Improved High Speed Internet

- **IMPROVED EMAIL SYSTEM**
- 10 times more space / customer
 - Installing new RAID 5 server
 - All new hardware

Improved High Speed Internet

- **IMPROVED EMAIL SYSTEM**
- New Anti-Spam and Anti-Virus Server
 - Will tag suspected SPAM with *****SPAM*****
 - Customers can set rules for tagged email
 - Implements White/Black/Rule based filters
 - Additional virus protection software

Improved High Speed Internet

- **SMARTPARKS**
 - FREE wireless internet access at City Parks
 - SFCN customers get unlimited access
 - 1 hour free access for visitors
 - Library Park online in April others to follow

Improved High Speed Internet

- Computer game tournaments
 - Call of Duty
 - Unreal Tournament
 - Exclusive for SFCN customers
 - Prizes for winners

Improved High Speed Internet

- FIBER-TO-THE-PREMISE
 - Businesses are being connected
 - Can offer connections from Spanish Fork to most towns in Utah Valley
 - Level 2 VLAN network from 10 mbps to 1 gbps

Spanish Fork Community Network