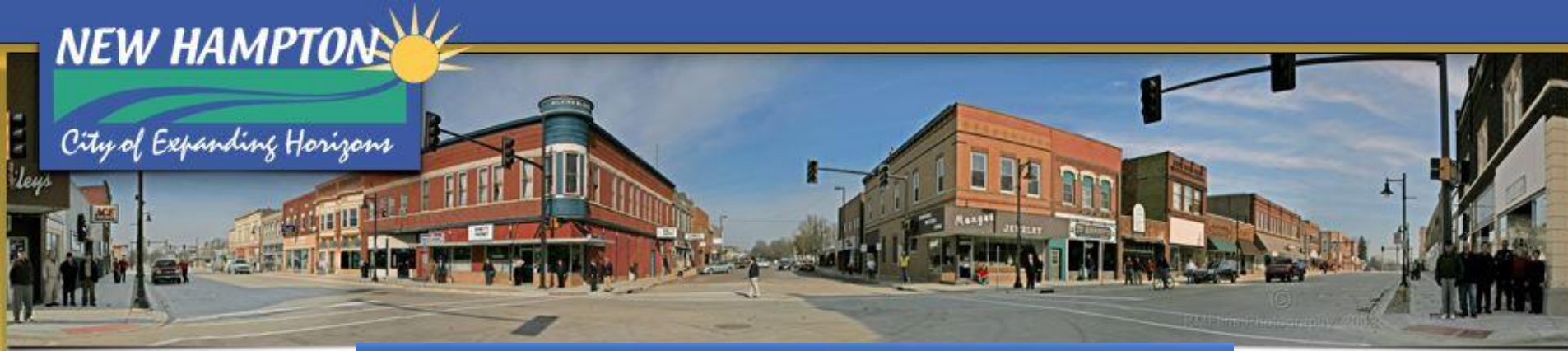


NEW HAMPTON

City of Expanding Horizons



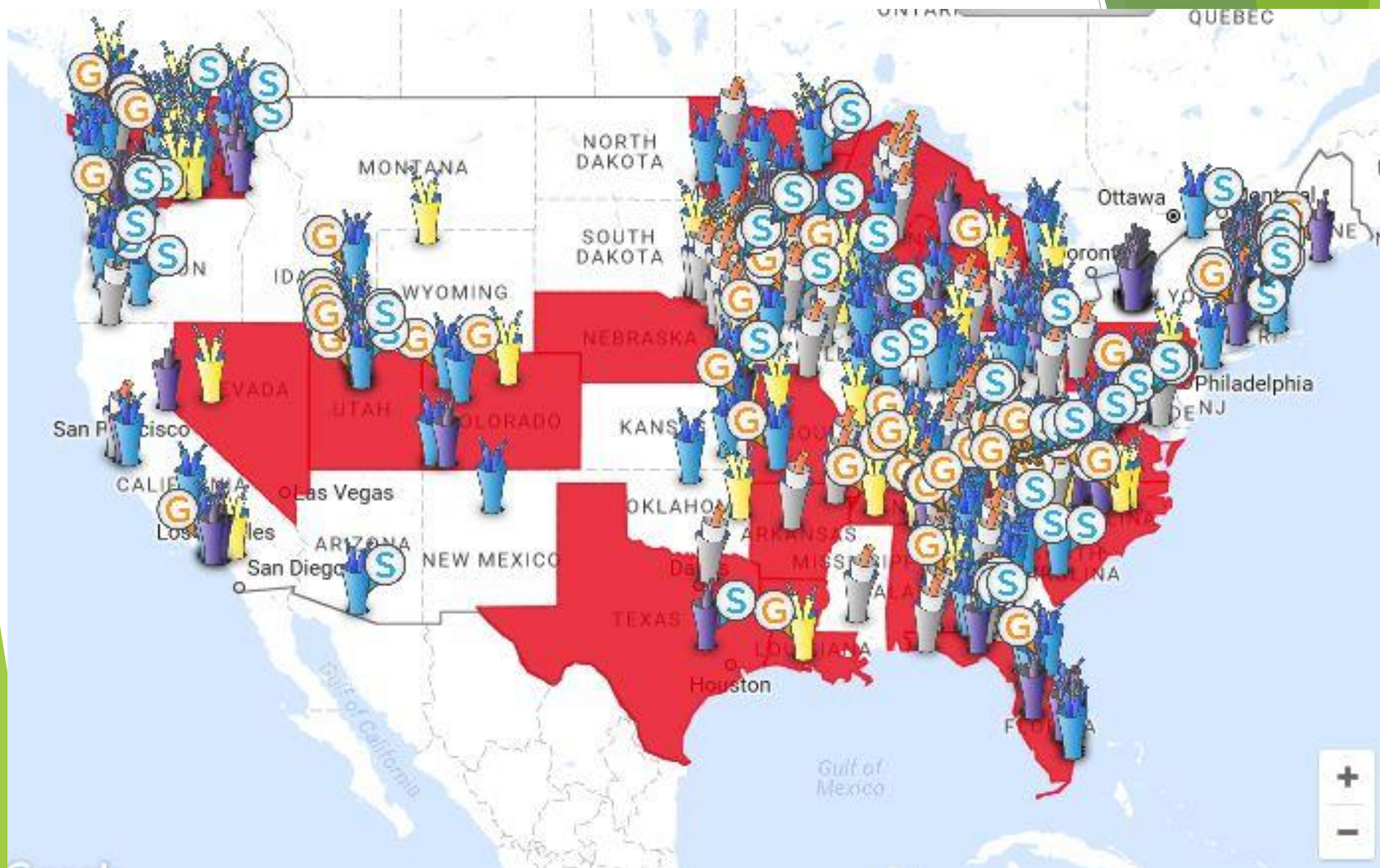
Fiber Town Hall Meeting

Agenda

- ▶ Introductions
- ▶ What is Community Broadband?
- ▶ Why Broadband Matters for New Hampton
- ▶ Why Fiber Optics?
- ▶ Discussion and Feedback

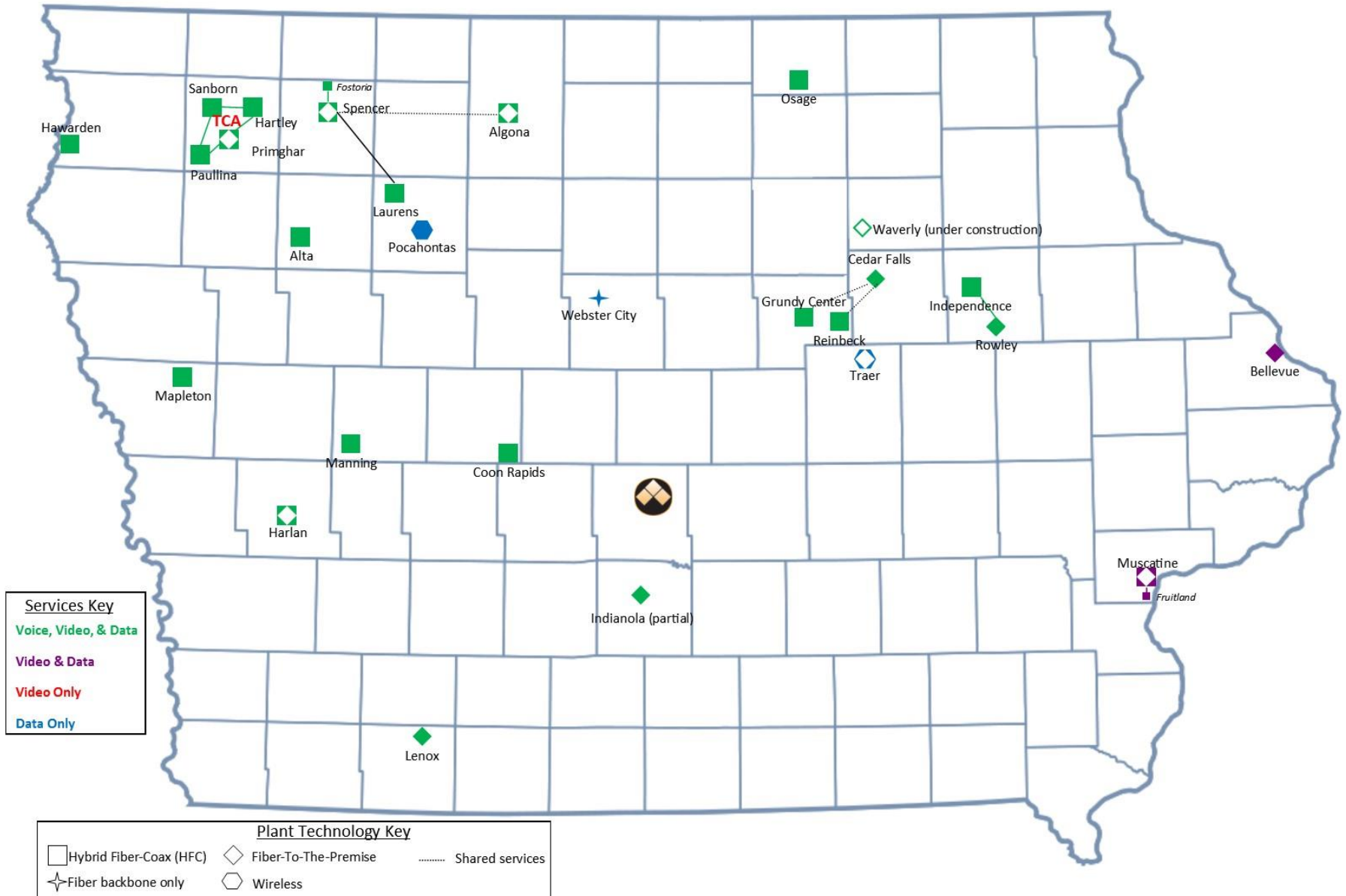
What Is Community Broadband?

- ▶ Sandy, Oregon Video
- ▶ Telecommunications infrastructure that is citizen-owned and controlled
- ▶ Because it's owned and controlled by the community, decisions are made locally, not at the distant corporate headquarters of a large company
- ▶ A growing national trend-150 communities and growing!



Iowa Municipal Broadband Utilities

updated June 2016



What is GOOD Broadband?

- ▶ Fast
- ▶ Reliable
- ▶ Affordable
- ▶ Universally Available

Why DOES Broadband Matter?

- ▶ It matters for EDUCATION
- ▶ It matters for JOBS
- ▶ It matters for HEALTH CARE
- ▶ It matters for QUALITY OF LIFE
- ▶ It matters for THE FUTURE of every community

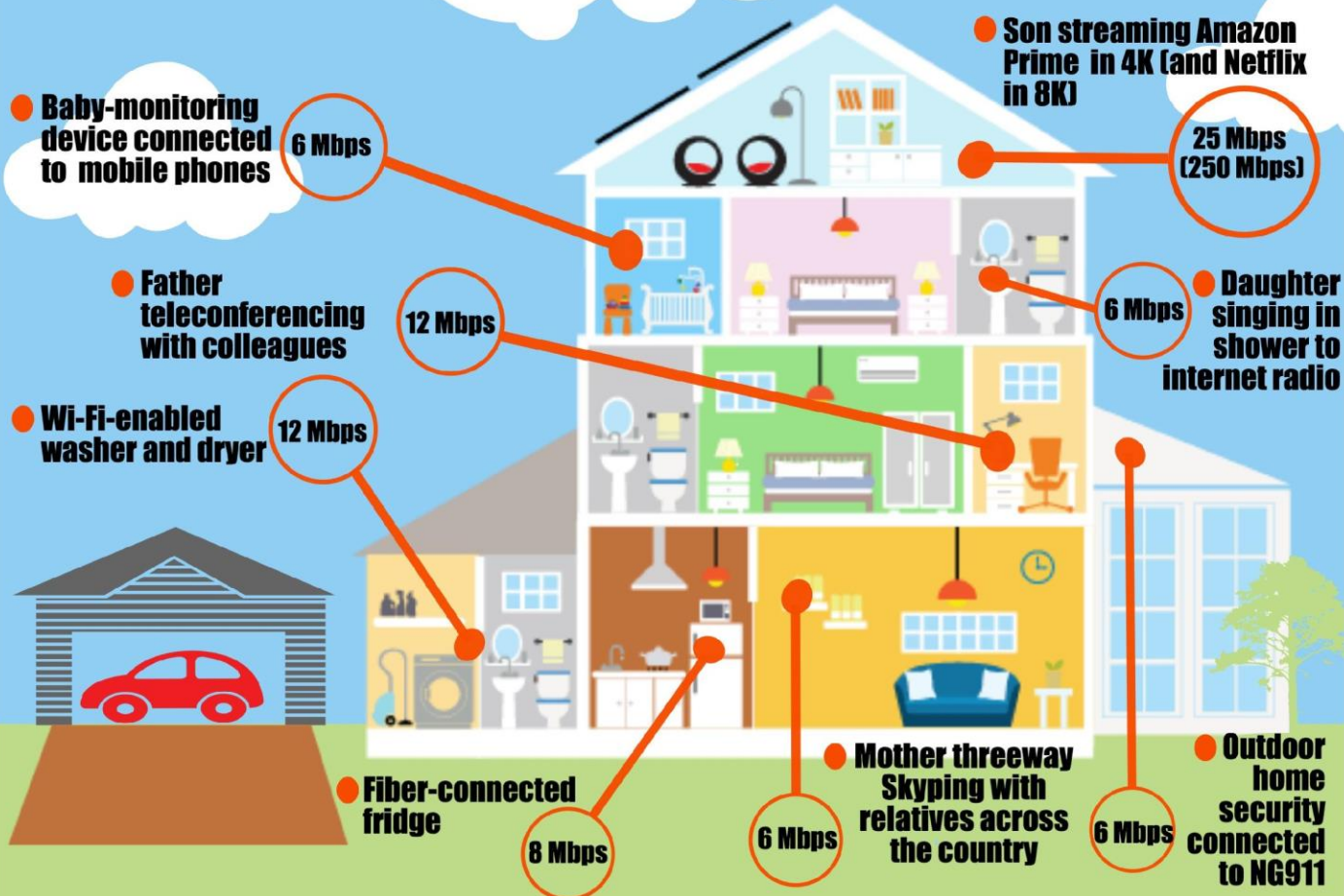
Quality of Life



- * Will this family want to live in a community where their kids can't complete homework because of slow or unreliable broadband?
- * Will this family want to live in a community where they can't work from home because of bad broadband?
- * Will this family want to live in a community where slow and/or unreliable broadband limits their entertainment choices?

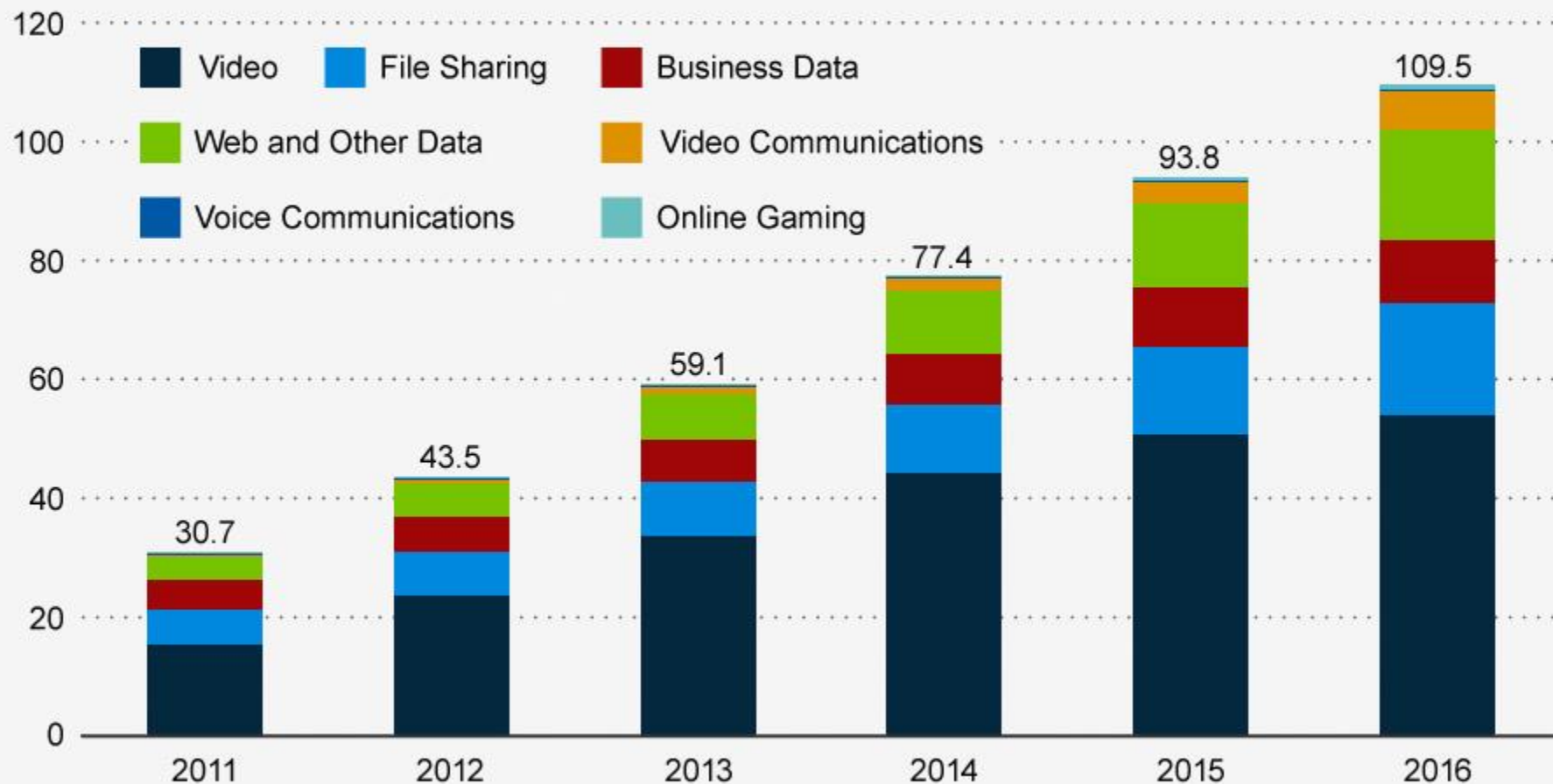
A Bit About a Byte

A digestible morsel from the tech table



Video Accounts for Half of Ever-Growing Internet Traffic

Estimated global IP traffic per month (in exabyte)

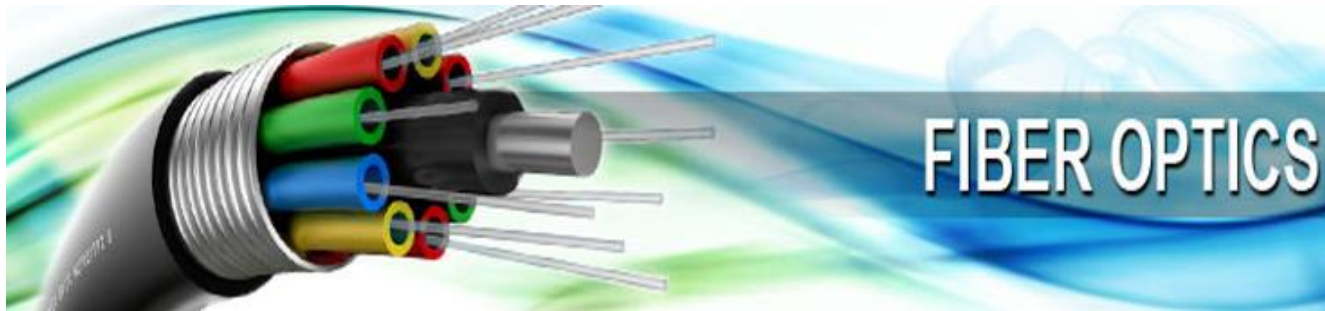


Quality of Life

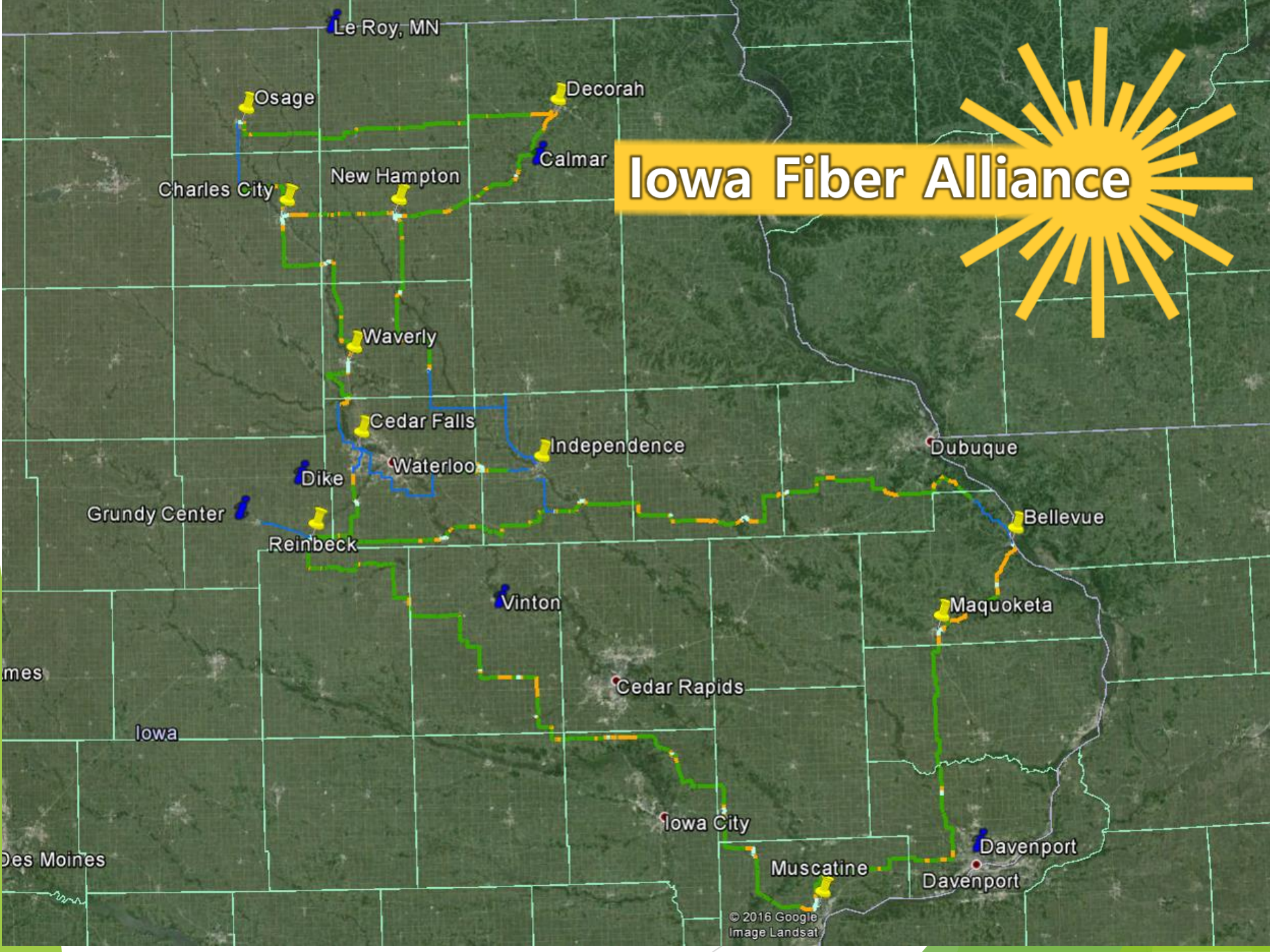


- * HOME VALUES: 2014 survey by research firm RVA LLC found that the presence of a fiber connection adds between \$5000 and \$6000 to the value of a \$300,000 home
- * Condo buyers willing to pay a 3% premium for FTTH
- * Renters would pay an 8-15% premium for FTTH

Why Build a Fiber Broadband Network?



Iowa Fiber Alliance



**150
Mbps**

**1,000 Mbps
=
1 Gbps**

10 Gbps

40 Gbps

The background features abstract, overlapping green geometric shapes, primarily triangles and polygons, in various shades of green, creating a modern and dynamic visual effect.

Questions?

Next Steps

Community Engagement and Education Project

- ▶ Fiber Town Hall Meeting (you are here!)
- ▶ Educational Stakeholder Meeting (held 8/11/16)
- ▶ Governmental Stakeholder Meeting (held 8/16/16)
- ▶ Economic Development Stakeholder Meeting (held 8/16/16)
- ▶ Health Care Stakeholder Meeting (To Be Announced)
- ▶ Chamber “Lunch and Learn” (to be announced)
- ▶ Community surveys (late August-early September)
- ▶ Report to New Hampton Light Plant Board of Trustees in September

Preliminary Design, Cost Estimate, and Business Plan Study

- ▶ Issue Request for Proposal (RFP) to qualified firms with experience doing studies for community fiber broadband networks
- ▶ Hire a company to do the study
- ▶ NHMLP evaluates results of the study and decides whether or not to move forward with a fiber broadband network.

Steps to be completed by end of 2016

The background features abstract, overlapping green geometric shapes, primarily triangles and polygons, in various shades of green, creating a modern and dynamic visual effect.

Questions?

Additional Resources

- ▶ www.ourbroadbandfuture.com/newhampton.html
- ▶ Facebook: www.facebook.com/newhamptonbroadband
- ▶ Institute for Local Self Reliance: www.muninetworks.org
- ▶ Fiber To The Home Council: www.ftthcouncil.org
- ▶ Broadband Communities Magazine: www.bbpomag.com
- ▶ CLIC-Coalition for Local Internet Choice:
<http://www.localnetchoice.org/>