

Future Watch: The Need for Speed

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September 12, 2001



Company-at-a-Glance

Business: Cirronet develops and markets

fixed broadband wireless

equipment designed to break the

residential and small business

market's Internet access

deployment barriers worldwide

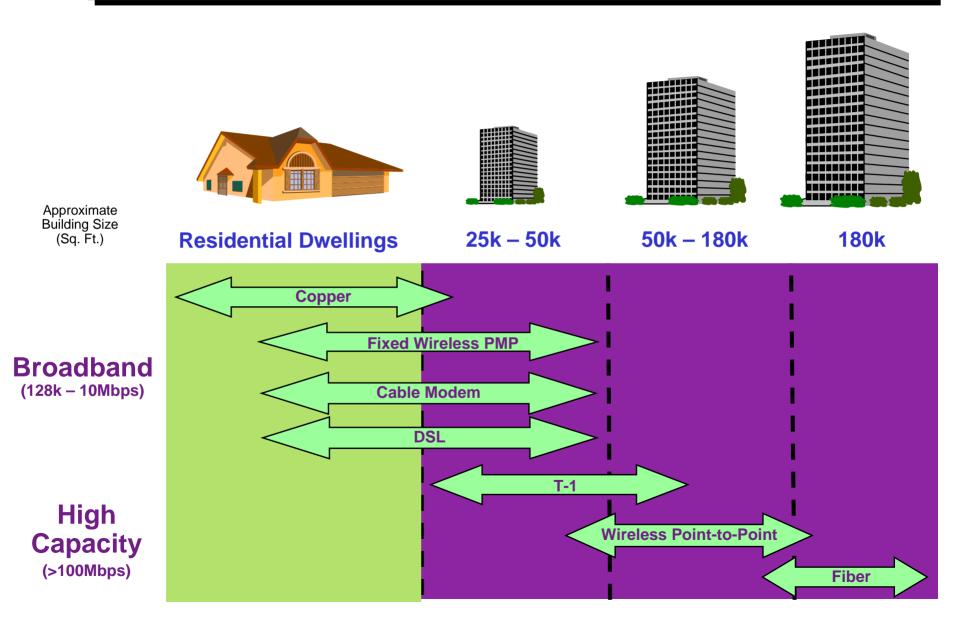
Deployments: 60+ ISP global networks

Founded: 1987

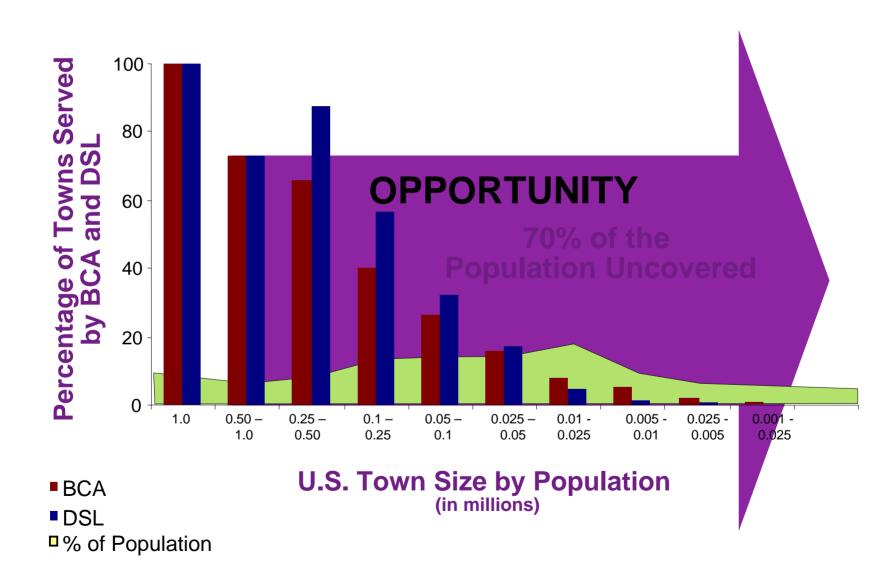
Employees: 40

Headquarters: Atlanta, GA

The Opportunity

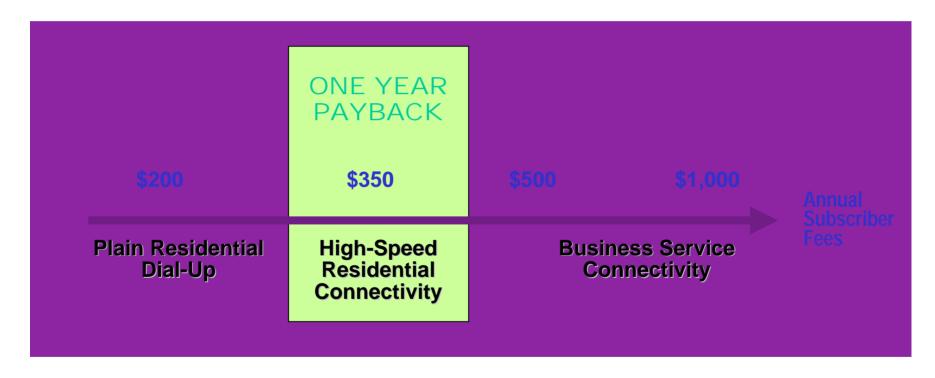


Technology Coverage



What is Essential Today

- Ease of deployment
- Reasonable equipment cost



There is a limit on what the mass market will pay for higher speeds.

Speed vs. Coverage

- Cellular voice paradigm for broadband data
 - Difficult to execute
 - Data is more challenging than voice
 - Link budget considerations
 - Multi-path problems
- Obvious solutions are expensive
 - More base stations
 - Antenna diversity
 - Mesh networks

Higher speeds mean:

- Higher costs
- More difficult implementation
- Less coverage

Conclusion

- Business case
 - Affordability
 - Ease of deployment
 - User installation
 - -High link margin for Near/Non-line-of-sight
 - Ability to handle multi-path fade
- Comparable speed