ALDEN CAPABILITIES TO SUPPORT NATIONAL BROADBAND PLAN

alden

10 Inverness Center Parkway
Suite 500
Birmingham, AL 35242

205.978.2400 o
205.978.2401 f
www.aldensys.com


> 150,000,000 Poles in US


Who
Owns
These
Poles?


PACIFICORP
112-01-01
353518

Alden Systems, Inc.

Joint Use Software & Services

Founded in 1995

OUR EXPERTISE

Inventoried over 2M poles in the past 24 months.

Alden has extensive asset management experience working for large utilities.

Performed Continuing Property Record audits for FCC compliance.

Enterprise software development.

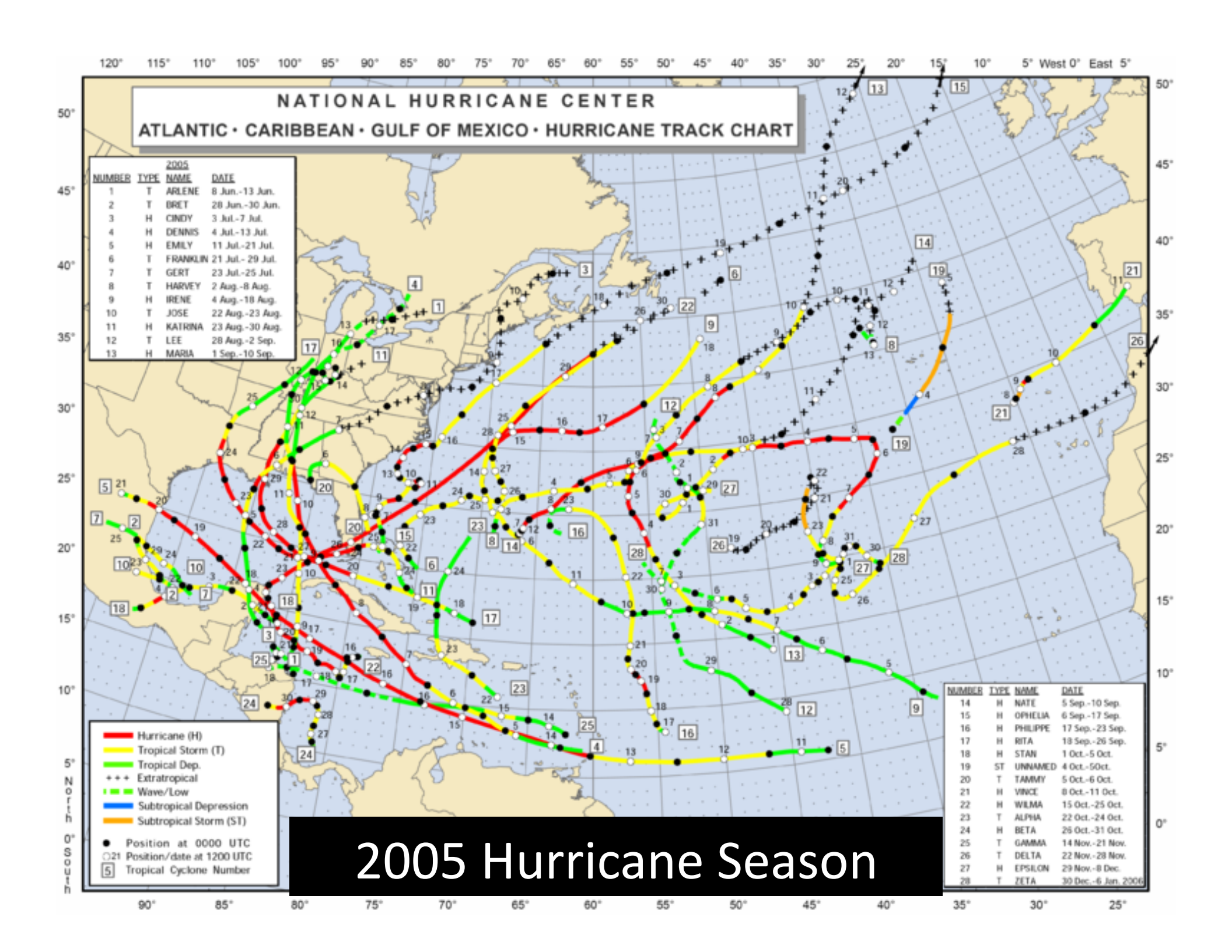
OUR SOFTWARE

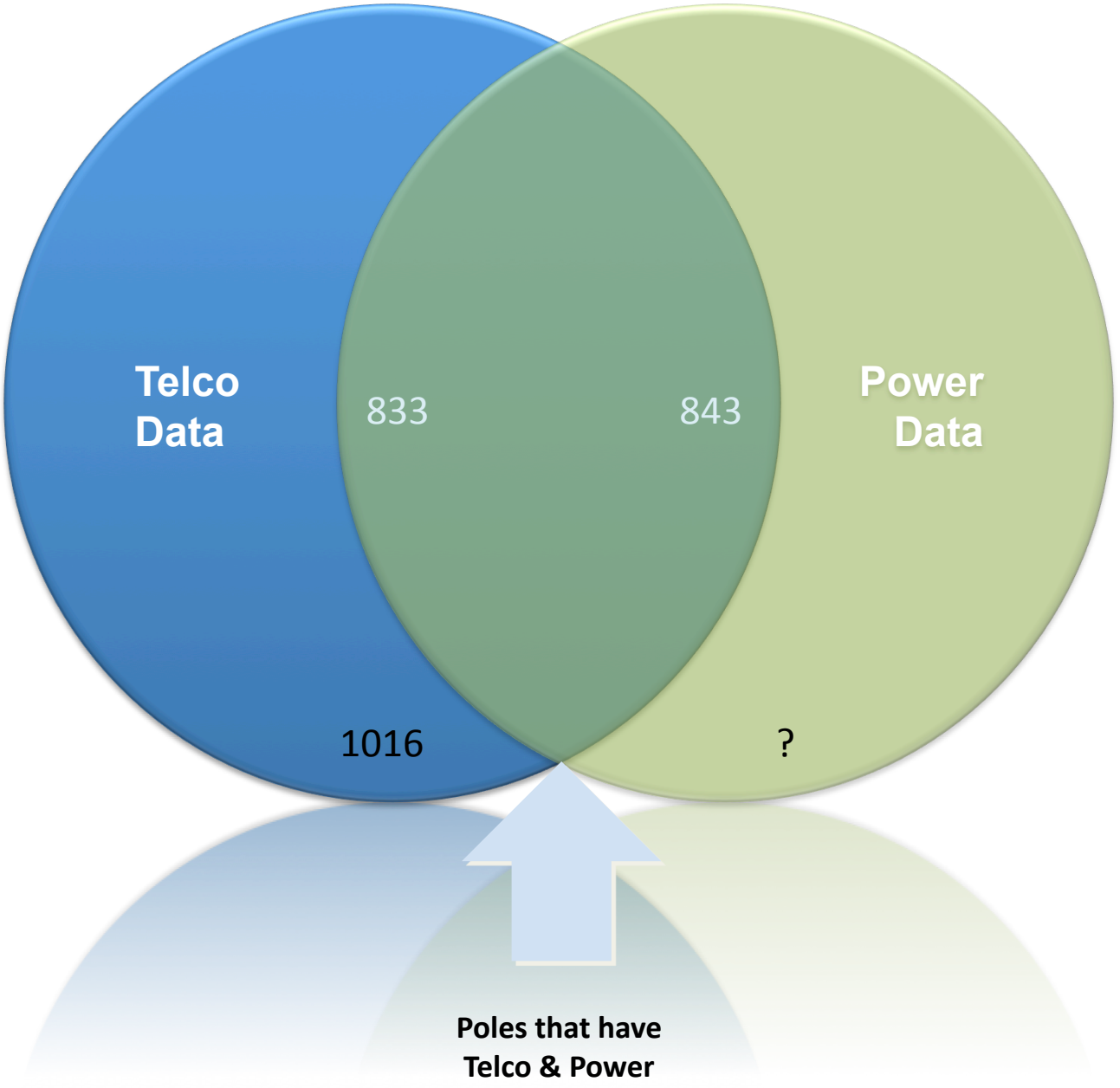
Joint Use solution initially deployed in 2008.

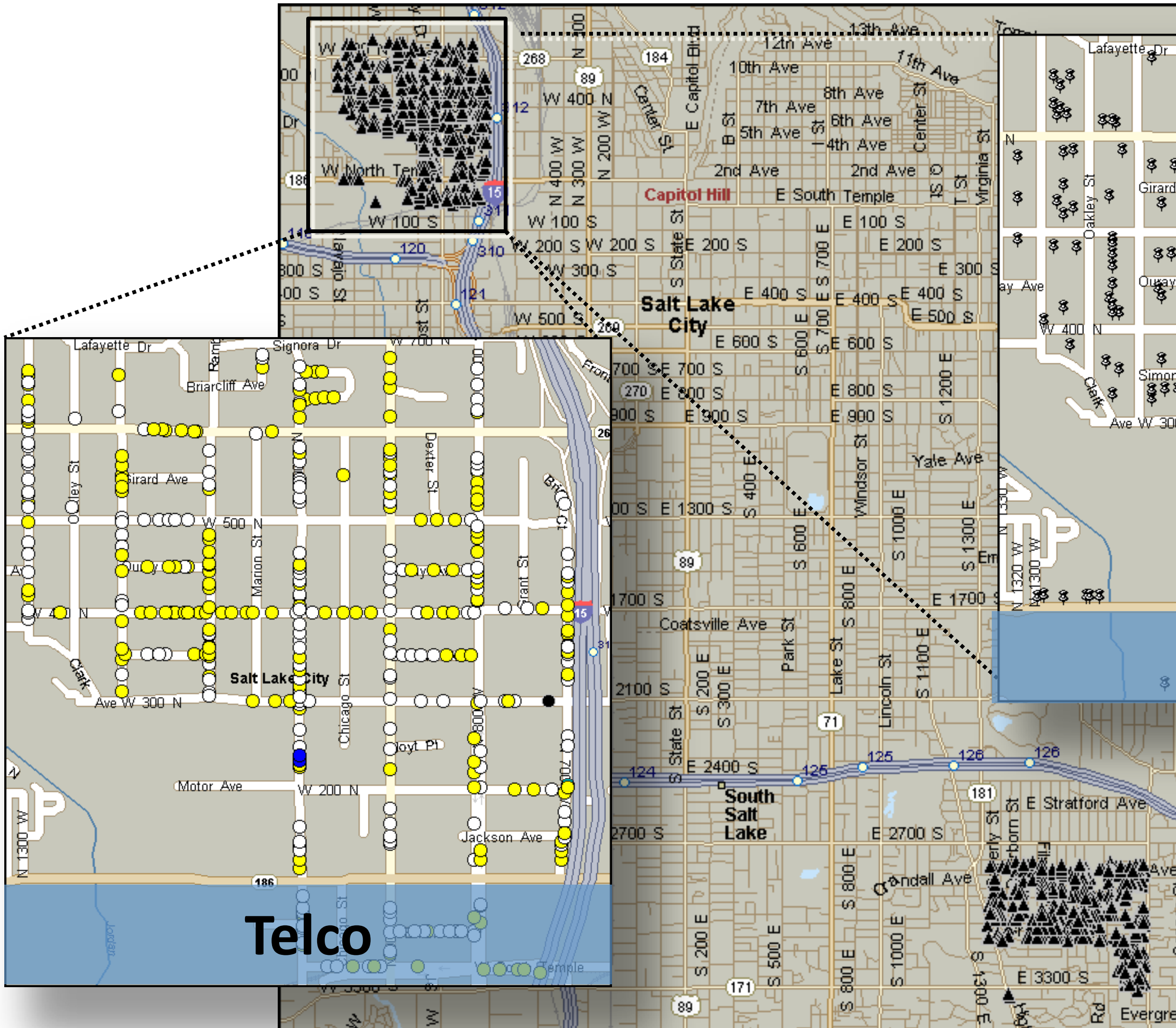
Currently manages 4% of utility-owned poles.

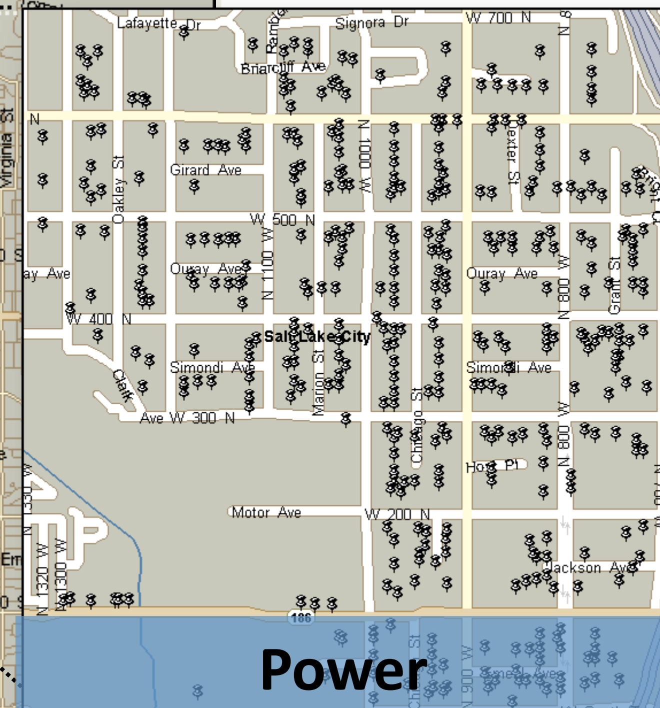
Under consideration by several large IOUs.

Only comprehensive pole management solution.


NATIONAL HURRICANE CENTER
ATLANTIC · CARIBBEAN · GULF OF MEXICO · HURRICANE TRACK CHART
2005
NUMBER TYPE NAME DATE
1 T ARLENE 8 Jun.-13 Jun.
2 T BRET 28 Jun.-30 Jun.
3 H CINDY 3 Jul.-7 Jul.
4 H DENNIS 4 Jul.-13 Jul.
5 H EMILY 11 Jul.-21 Jul.
6 T FRANKLIN 21 Jul.- 29 Jul.
7 T GERT 23 Jul.-25 Jul.
8 T HARVEY 2 Aug.-8 Aug.
9 H IRENE 4 Aug.-18 Aug.
10 T JOSE 22 Aug.-23 Aug.
11 H KATRINA 23 Aug.-30 Aug.
12 T LEE 28 Aug.-2 Sep.
13 H MARIA 1 Sep.-10 Sep.
NUMBER TYPE NAME DATE
14 H NATE 5 Sep.-10 Sep.
15 H OPHELIA 6 Sep.-17 Sep.
16 H PHILIPPE 17 Sep.-23 Sep.
17 H RITA 18 Sep.-26 Sep.
18 H STAN 1 Oct.-5 Oct.
19 ST UNNAMED 4 Oct.-5Oct.
20 T TAMMY 5 Oct.-6 Oct.
21 H VINCE 8 Oct.-11 Oct.
22 H WILMA 15 Oct.-25 Oct.
23 T ALPHA 22 Oct.-24 Oct.
24 H BETA 26 Oct.-31 Oct.
25 T GAMMA 14 Nov.-21 Nov.
26 T DELTA 22 Nov.-28 Nov.
27 H EPSILON 29 Nov.-8 Dec.
28 T ZETA 30 Dec.-6 Jan. 2006
Hurricane (H)
Tropical Storm (T)
Tropical Dep.
Extratropical
Wave/Low
Subtropical Depression
Subtropical Storm (ST)
Position at 0000 UTC
21 Position/date at 1200 UTC
5 Tropical Cyclone Number
2005 Hurricane Season


Telco Data
833
843
Power Data
1016
?
Poles that have Telco & Power


Telco
Salt Lake City
Capitol Hill
South Salt Lake


Power

Who owns the pole?

Where to send permit?

What process?

What make ready?

Approval?

Permit status?

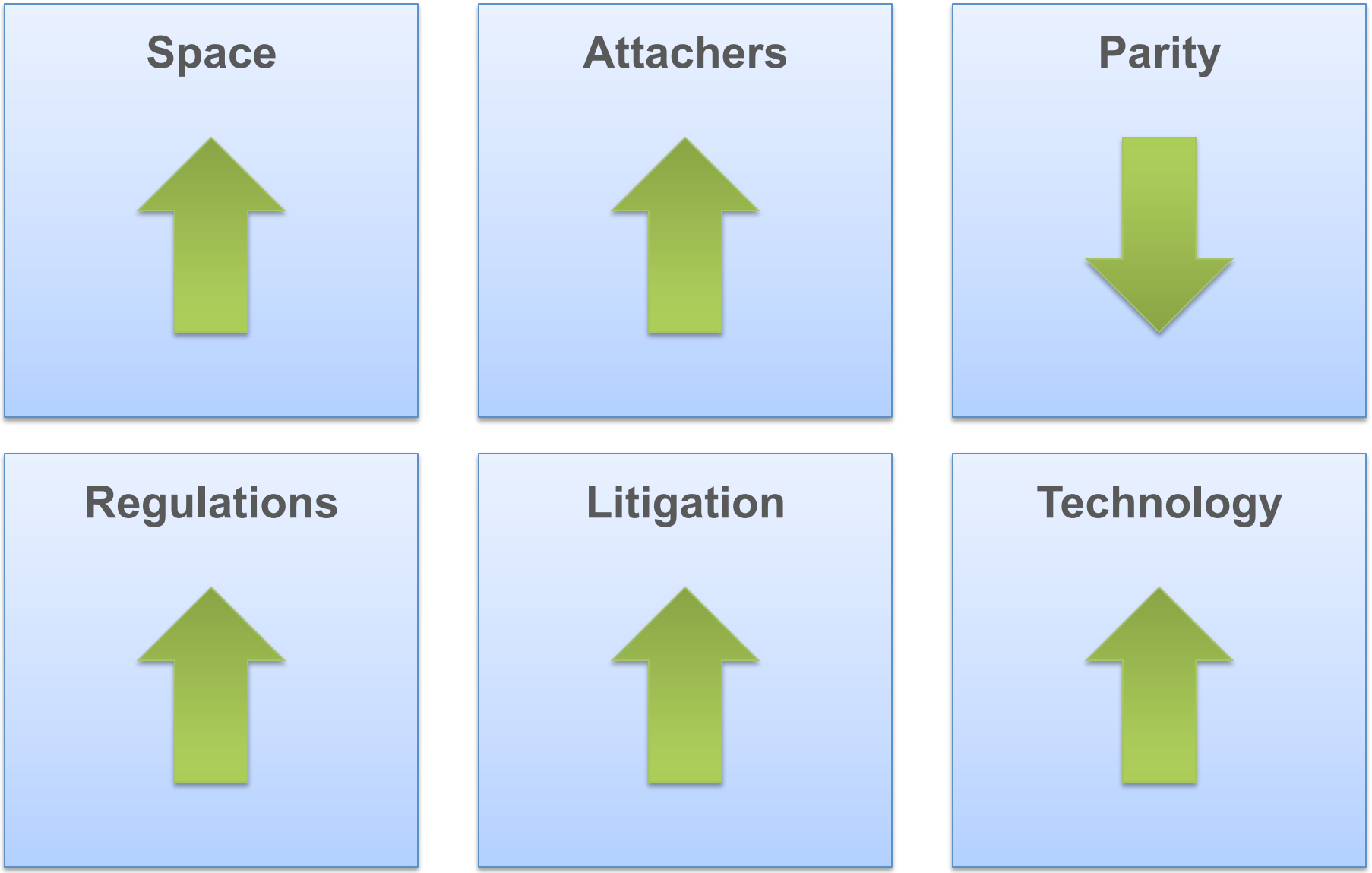
Cost verification?

Escalation?

Coordination?

Current Environment

THE EROSION OF JU ASSUMPTIONS



Disputes!

ABOUT BROADBAND EVENTS INITIATIVES GET INFORMED BLOG THE PLAN EN ESP

NATIONAL BROADBAND PLAN
CONNECTING AMERICA

CHAPTER 6 Infrastructure

INSIDE THIS CHAPTER

RECOMMENDATIONS HIGHLIGHTS
6.1 IMPROVING UTILIZATION OF INFRASTRUCTURE
6.2 MAXIMIZING IMPACT OF FEDERAL RESOURCES

JUST AS WIRELESS NETWORKS USE PUBLICLY OWNED SPECTRUM, wireless and wired networks rely on cables and conduits attached to public roads, bridges, poles and tunnels. Securing rights to this infrastructure is often a difficult and time-consuming process that discourages private investment. Because of permitting and zoning rules, government often has a significant role in network construction. Government also regulates how broadband providers can use existing private infrastructure like utility poles and conduits. Many state and local governments have taken steps to encourage and facilitate fiber conduit deployment as part of public works projects like road construction. Similarly, in November 2009, the Federal Communications Commission (FCC) established timelines for states and localities to process permit requests to build and locate wireless equipment on towers.[1]

While these are positive steps, more can and should be done. Federal, state and local governments should do two things to reduce the costs incurred by private industry when using public infrastructure. First, government should take steps to improve utilization of existing infrastructure to ensure that network providers have easier access to poles, conduits, ducts and rights-of-way. Second, the federal government should foster further infrastructure deployment by facilitating the placement of communications infrastructure on federally managed property and enacting "dig once" legislation. These two actions can improve the business case for deploying and upgrading broadband network infrastructure and facilitate competitive entry.

RECOMMENDATIONS

Improving utilization of infrastructure

- The FCC should establish rental rates for pole attachments that are as low and close to uniform as possible, consistent with Section 224 of the Communications Act of 1934, as amended, to promote broadband deployment.
- FCC should implement rules that will lower the cost of the pole attachment "make-ready" process.

SEARCH
The Plan
Broadband.gov
SEARCH

INSIDE THE PLAN
EXECUTIVE SUMMARY
PLAN RECOMMENDATIONS
Choose a Chapter
VIEW
READ THE PLAN

DOWNLOAD THE PLAN
Take the plan with you in a variety of downloadable formats.
DOWNLOAD THE PLAN

SHARE YOUR STORIES
Tell us why access to high-speed broadband is important to you and your community.

Back to Top


Not everyone
likes the
medicine.

Things we can manage:

- Attachment Rates
- Make-Ready Costs
- Access & Dispute Process
- Availability of Infrastructure Data